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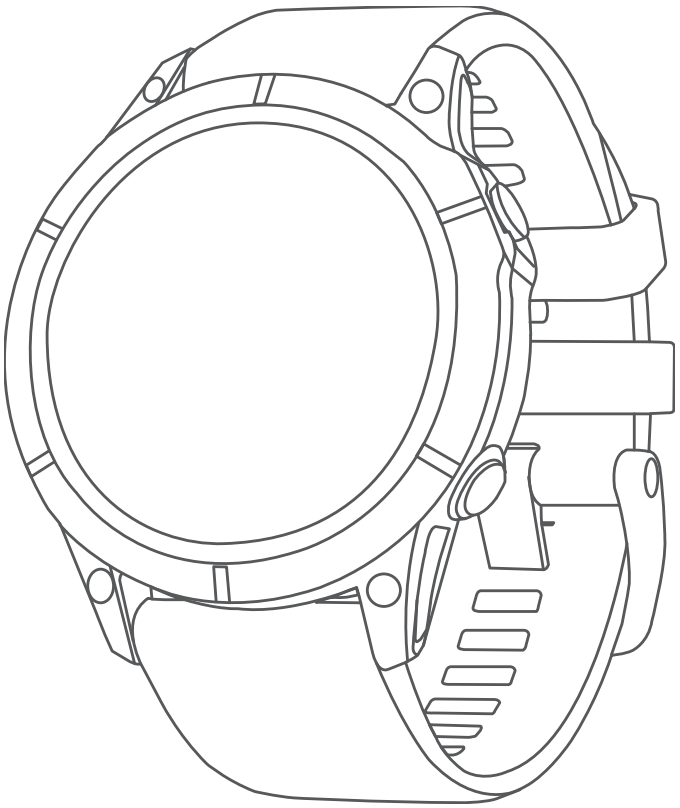

QUATIX 7 SERIES

Owner’s Manual

Rev. A

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M/N: A04111, A04252

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Introduction

⚠WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Always consult your physician before you begin or modify any exercise program.

Getting Started

When using your watch the first time, you should complete these tasks to set it up and get to know the basic features.

1. Press **LIGHT** to turn on the watch (*Device Overview, page 1*).
2. Follow the on-screen instructions to complete the initial setup.

   During the initial setup, you can pair your smartphone with your watch to receive notifications, set up your Garmin Pay wallet, and more (*Pairing Your Phone, page 44*).
3. Charge the device completely (*Charging the Watch, page 57*).
4. Start an activity (*Starting an Activity, page 6*).

Device Overview



① Touchscreen
- Tap to choose an option in a menu.
- Hold the watch face data to open the glance or feature.
  NOTE: This feature is not available on all watch faces.
- Swipe up or down to scroll through the glance loop and menus.
- Swipe right to return to the previous screen.
- Cover the screen with your palm to return to the watch face and turn down the screen brightness.

② LIGHT
- Press to turn on the device.
- Press to increase or decrease the screen brightness.
- Quickly press twice to turn on the flashlight.
- Hold to view the controls menu.

③ UP·MENU
- Press to scroll through the glance loop and menus.
- Hold to view the menu.

④ DOWN
- Press to scroll through the glance loop and menus.
- Hold to view the music controls from any screen.

⑤ START·STOP
- Press to choose an option in a menu.
- Press to view the activity list and start or stop an activity.
- Hold to mark your current location as a man overboard (MOB) location and activate navigation.

⑥ BACK·LAP
- Press to return to the previous screen.
- Press to record a lap, rest, or transition during a multisport activity.

Enabling and Disabling the Touchscreen

- To temporarily enable or disable the touchscreen, hold **DOWN** and **START**.
- To enable or disable the touchscreen during general use, activities, or sleep, hold **MENU**, select **System** > **Touch**, and select an option.

Using the Watch

- Hold **LIGHT** to view the controls menu (*Controls, page 33*).

  The controls menu provides quick access to frequently used functions, such as turning on do not disturb mode, saving a location, and turning the watch off.
- From the watch face, press **UP** or **DOWN** to scroll through the glance loop (*Glances, page 25*).
- From the watch face, press **START** to start an activity or open an app (*Activities and Apps, page 6*).
- Hold **MENU** to customize the watch face (*Customizing the Watch Face, page 24*), adjust settings (*System Settings, page 55*), pair wireless sensors (*Pairing Your Wireless Sensors, page 39*), and more.

Clocks

Setting an Alarm

You can set multiple alarms.

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **ALARMS** > **Add Alarm**.
3. Enter the alarm time.

Editing an Alarm

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **ALARMS** > **Edit**.
3. Select an alarm.
4. Select an option:
   - To turn the alarm on or off, select **Status**.
   - To change the alarm time, select **Time**.
   - To set the alarm to repeat regularly, select **Repeat**, and select when the alarm should repeat.
   - To select the type of alarm notification, select **Sound and Vibe**.
   - To turn the backlight on or off with the alarm, select **Backlight**.
   - To select a description for the alarm, select **Label**.
   - To delete the alarm, select **Delete**.

Starting the Countdown Timer

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **TIMERS**.
3. Select an option:
   - To set and save a countdown timer for the first time, enter the time, press **MENU**, and select **Save Timer**.
   - To set and save additional countdown timers, select **Add Timer**, and enter the time.
   - To set a countdown timer without saving it, select **Quick Timer**, and enter the time.
4. If necessary, press **MENU**, and select an option:
   - Select **Time** to change the time.
   - Select **Restart** > **On** to automatically restart the timer after it expires.
   - Select **Sound and Vibe**, and select a type of notification.
5. Press **START** to start the timer.

Deleting a Timer

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **TIMERS** > **Edit**.
3. Select a timer.
4. Select **Delete**.

Using the Stopwatch

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **STOPWATCH**.
3. Press **START** to start the timer.
4. Press **LAP** to restart the lap timer ①.



5. The total stopwatch time ② continues running.
6. Press **STOP** to stop both timers.
7. Select an option:
   - To reset both timers, press **DOWN**.
   - To save the stopwatch time as an activity, press **MENU**, and select **Save Activity**.
   - To reset the timers and exit the stopwatch, press **MENU**, and select **Done**.
   - To review the lap timers, press **MENU**, and select **Review**.
     NOTE: The Review option only appears if there have been multiple laps.
   - To return to the watch face without resetting the timers, press **MENU**, and select **Go to Watchface**.
   - To enable or disable lap recording, press **MENU**, and select **Lap Key**.

Adding Alternate Time Zones

You can display the current time of day in additional time zones on the alternate time zones glance. You can add up to four alternate time zones.

NOTE: You may need to add the alternate time zones glance to the glance loop (*Customizing the Glance Loop, page 26*).

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **ALT. TIME ZONES** > **Add Alt. Time Zone**.
3. Select a time zone.
4. If necessary, rename the zone.

Editing an Alternate Time Zone

1. From the watch face, hold **MENU**.
2. Select **Clocks** > **ALT. TIME ZONES** > **Edit**.
3. Select a time zone.
4. Select an option:
   - To enter a custom name for the time zone, select **Rename Zone**.
   - To change the time zone, select **Change Zone**.
   - To change the location of the time zone in the glance, select **Reorder Zone**.
   - To delete the time zone, select **Delete Zone**.

Marine Activities

Your watch comes preloaded with apps for marine activities, such as boating, sailing, and interacting with Garmin marine devices. You can pair with compatible Garmin marine devices using the marine apps preloaded on your watch.

See the owner's manual for your Garmin marine device for more information about pairing with that device.

Marine Maps and Charts

Optional premium charts, such as BlueChart® g3 and LakeVü g3, allow you to get the most out of your quatix device.

Downloading Marine Maps and Charts

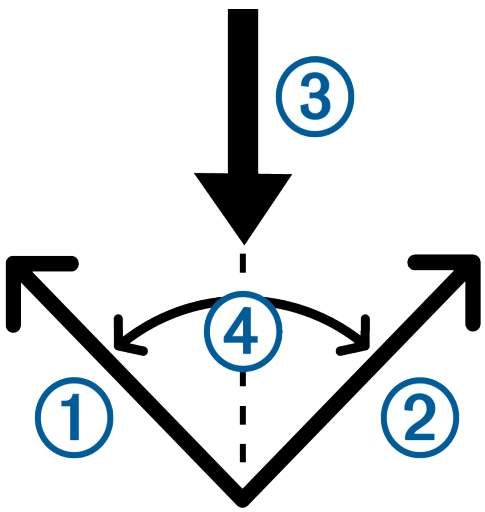
Go to *maps.garmin.com/marine* to search for and purchase a marine map or chart.

1. Download Garmin Express.
2. Follow the on-screen instructions to install purchased maps and charts on your device.

Sailing

Tack Assist

While cruising or racing into the wind, the tack assist feature can help you determine if your boat is being lifted or headed. When you calibrate tack assist, the device captures your boat's port ① and starboard ② course over ground (COG) measurements, and uses the COG data to calculate the mean true wind direction ③ and the boat's tack angle ④.



The device uses this data to determine whether your boat is being lifted or headed due wind shifts.

By default, the device tack assist is set to automatic. Each time you calibrate the port or starboard COG, the device recalibrates the opposite side and true wind direction. You can change the tack assist settings to enter a fixed tack angle or true wind direction.

NOTE: The device uses GPS-based course over ground to determine your course in the tack assist feature, and does not account for other factors that can affect your boat's direction, such as currents and tides.

Calibrating the Tack Assist

1. From the watch face, select **START**.
2. Select **Sail Race** or **Sail**.
3. Select **UP** or **DOWN** to view the tack assist screen.

   NOTE: You may need to add the tack assist screen to the data screens for the activity (*Customizing the Data Screens, page 15*).
4. Select **START**.
5. Select an option:
   - To calibrate the starboard side, select **START**.
   - To calibrate the port side, select **DOWN**.

   TIP: If the wind is coming from the starboard side of the vessel, you should calibrate starboard. If the wind is coming from the port side of the vessel, you should calibrate port.
6. Wait while the device calibrates the tack assist.

   An arrow appears and indicates if your boat is being lifted or headed.

Entering a Fixed Tack Angle

1. From the watch face, press **START**.
2. Select **Sail Race** or **Sail**.
3. Press **UP** or **DOWN** to view the tack assist screen.
4. Hold **MENU**.
5. Select **Tack Angle** > **Angle**.
6. Press **UP** or **DOWN** to set the value.

Entering a True Wind Direction

1. From the watch face, press **START**.
2. Select **Sail Race** or **Sail**.
3. Press **UP** or **DOWN** to view the tack assist screen.
4. Hold **MENU**.
5. Select **True Wind Direction** > **Fixed**.
6. Press **UP** or **DOWN** to set the value.

Tips for Getting the Best Lift Estimate

To get the best lift estimate when using the tack assist feature, you can try these tips. See *Entering a True Wind Direction, page 3* and *Entering a True Wind Direction, page 3* for more information.

- Enter a fixed tack angle, and calibrate the port side.
- Enter a fixed tack angle, and calibrate the starboard side.
- Use the **Auto** tack angle setting, and calibrate both the port and starboard side.

Sail Racing

You can use the device to help you cross the start line of a race exactly when the race begins. When you synchronize the regatta timer in the sail racing app with the official race countdown timer, you are alerted at one-minute intervals as the race start approaches.

When you set the starting line, the device uses GPS data to indicate whether your boat will cross the start line before, after, or at the correct time to start the race.

Setting the Starting Line

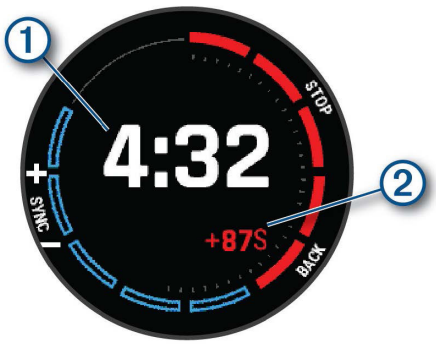
1. From the watch face, select **START** > **Sail Race**.
2. Wait while the device locates satellites.
3. Hold **MENU**.
4. Select **Ping Start Line**.
5. Select **Mark Port** to mark the port starting line mark as you sail past it.
6. Select **Mark Starboard** to mark the starboard starting line mark as you sail past it.

Starting a Race

Before you can view the time to burn, you must set the starting line (*Setting the Starting Line, page 4*).

1. From the watch face, press **START**.
2. Select **Sail Race**.
3. Wait while the watch locates satellites.

   The screen displays the regatta timer ① and time to burn ② .



4. If necessary, hold **MENU**, and select an option:
   - To set a fixed timer, select **Fixed**, and enter a length of time.
   - To set a start time within the next 24 hours, select **GPS**, and enter a time of day.
5. Press **START**.
6. Press **UP** and **DOWN** to synchronize the regatta timer with the official race countdown.

   NOTE: When the burn time is negative, you will arrive at the start line after the race starts. When the burn time is positive, you will arrive at the start line before the race starts.
7. Press **START** to start the activity timer.

Setting the Sailing Units

1. From the watch face, select **START** > **Sail Race**.
2. Hold **MENU**.
3. Select the activity settings.
4. Select **Nautical Units**.
5. Select an option:
   - To use nautical units for speed and distance, select **On**.
   - To use the system units of measure for speed and distance, select U**se Sys. Settings**.

Tides

Viewing Tide Information

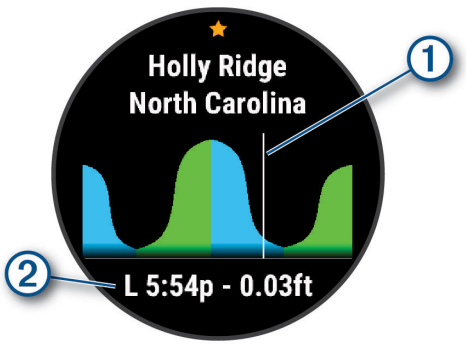
⚠WARNING

Tide information is for information purposes only. It is your responsibility to heed all posted water-related guidance, to remain aware of your surroundings, and to use safe judgment in, on, and around the water at all times. Failure to heed this warning could result in serious personal injury or death.

You can view information about a tide station, including the tide height and when the next high and low tides will occur.

1. From the watch face, press **START**.
2. Select **Tides**.
3. Select an option:
   - To use your current location when you are near a tide station, select **Search** > **Current Location**.
   - To select a location on the map, select **Search** > **Use Map**.
   - To enter the name of a city, select **Search** > **City Search**.
   - To select a saved location, select **Search** > **Saved Locations**.
   - To enter coordinates for a location, select **Search** > **Coordinates**.

A 24-hour tide chart appears for the current date with the current tide height ① and information about the next tide ②.



4. Press **DOWN** to see tide information for upcoming days.
5. Press **START,** and select Star Location to save the tide station (optional).

Setting a Tide Alert

1. From the Tides app, press **START**.
2. Select **Alerts**.
3. Select an option:
   - To set an alarm to sound before the peak tide,

select **Til High Tide**.
- To set an alarm to sound before the low tide, select **Til Low Tide**.

MFD Remote

Pairing With a Chartplotter

You can pair your watch with a compatible Garmin chartplotter for quick access to frequently used functions, such as shortcuts and chart zoom.

1. From the watch face, press **START**.
2. Select **MFD Remote**.
3. Bring your quatix watch within 3 m (10 ft.) of the chartplotter.
4. Follow the instructions on the watch screen to place the chartplotter in pairing mode.
5. Select the name of the chartplotter on your watch.

   After you pair the devices, they connect automatically when they are turned on, within range, and the app is open on the watch.

Using the MFD Remote Feature

1. From the watch face, press **START**.
2. Select **MFD Remote**.
3. Use the touchscreen to navigate the menus and features on the paired chartplotter.

   TIP: You can press **START** to toggle between the chartplotter's directional pad and its main controls.

Fishing

Going Fishing

You can keep track of your daily fish count, count down your competition time, or set an interval timer to keep track of your fishing pace.

1. From the watch face, select **START** > **Fish**.
2. Select an option:
   - To count down your remaining competition time, select **Set Timers**.
   - To track your daily fish count, select **Start Fishing** > **New Count**, and select **START** to increase or **BACK** to decrease your fish count.

Anchor

Marking Your Anchor Location

1. From the watch face, select START > Anchor.
2. Select **START** > **Drop Anchor.**

Anchor Settings

From the watch face, press **START**, select Anchor, and hold **MENU**.

Drift Radius: Sets the allowable drift distance while anchored.

Update Interval: Sets the time interval for updating anchor data.

Anchor Alarm: Allows you to configure or disable an alarm for when the boat moves beyond the drift radius.

Autopilot

⚠WARNING

You are responsible for the safe and prudent operation of your vessel. The autopilot is a tool that enhances your capability to operate your boat. It does not relieve you of the responsibility of safely operating your boat. Avoid navigational hazards and never leave the helm unattended.

Always be prepared to promptly regain manual control of your boat.

Learn to operate the autopilot on calm and hazard-free open water.

Use caution when operating the autopilot near hazards in the water, such as docks, pilings, and other boats.

Pairing With an Autopilot

1. From the watch face, select **START** > **Autopilot** > **START**.
2. Bring your quatix device within 3 m (10 ft.) of the marine device.
3. Set your compatible Garmin autopilot helm control to search for a remote control.

   See your autopilot helm control owner's manual for more information.

   After you pair the devices, they connect automatically when turned on, within range, and the app is open on the watch. If you need to pair with another autopilot helm control, in the autopilot app, hold **MENU** and select **Settings** > **Pair New**.

Controlling the Autopilot

1. From the watch face, select **START** > **Autopilot**.
2. Select an option:
   - To engage the autopilot heading hold, hold a steady course, select **START**, and release the helm.
   - To change the heading, with the autopilot engaged, select **UP** for starboard and **DOWN** for port.
   - To change the steering mode, hold **MENU**, select **Steering Mode**, and select an option.
   - To perform a steering pattern, hold **MENU**, select **Pattern Steering**, and select a pattern.
     NOTE: You can change the steering patterns available on your quatix device from your autopilot.
   - To take the helm and place the autopilot in standby mode, select **STOP**.

Boat Data

Streaming Boat Data

You can stream data fields from your compatible chartplotter to your quatix device. The device displays up to three data fields per page, and up to six pages of data.

1. From the watch face, select **START** > **Boat Data**.
2. Bring your quatix device within 3 m (10 ft.) of the chartplotter.
3. Set the chartplotter to enter pairing mode.

   See your chartplotter owner's manual for more information.
4. If necessary, on the quatix device, select **START** to modify a data page.

After the devices are paired, they connect automatically when they are turned on, within range, and the app is open on the watch. If you need to pair with another chartplotter, in the boat data app, hold **MENU** and select **Pair New**.

Marking a Waypoint on Your Chartplotter

You can mark a waypoint on your compatible chartplotter using your quatix device.

1. From the watch face, select **START** > **Boat Data**.
2. Select **START** > **Mark Plotter Wpt**.

GNT 10

Streaming GNT 10 Data

Before you can stream data fields from your compatible GNT 10 transceiver to your quatix device, you must download the GNT 10 app (*Connect IQ Features, page 47*).

1. From the watch face, select **START** > **GNT 10**.
2. Bring your quatix device within 3 m (10 ft.) of the transceiver.
3. Set the transceiver to enter pairing mode.

   See your transceiver owner's manual for more information.
4. If necessary, on the quatix device, select **START** to modify a data page.

The quatix device displays up to three data fields per page, and up to six pages of data. After the devices are paired, they connect automatically when they are turned on, within range, and the app is open on the watch.

TIP: To pair your quatix device with another transceiver, from the GNT 10 app, hold **MENU** and select **Pair New**.

Fusion-Link App

You can use the Fusion-Link app on your quatix device to control the audio playback on your Fusion device.

Connecting to a Fusion Stereo

1. Set the Fusion stereo to be discoverable.

   See your stereo owner's manual for more information.
2. Bring your quatix device within 3 m (10 ft.) of the stereo.
3. From the watch face, select **START** > **FUSION-Link**.

   The first time you open the app on the watch, the watch automatically pairs with and connects to the stereo. If you need to pair with another stereo, in the Fusion-Link app, select **Settings** > **Pair New**.

After you pair the devices, they connect automatically when turned on, within range, and the app is open on the watch.

Activities and Apps

Your watch can be used for indoor, outdoor, athletic, and fitness activities. When you start an activity, the watch displays and records sensor data. You can create custom activities or new activities based on default activities (*Creating a Custom Activity, page 16*). When you finish your activities, you can save and share them with the Garmin Connect community.

You can also add Connect IQ activities and apps to your watch using the Connect IQ app (*Connect IQ Features, page 47*).

For more information about activity tracking and fitness metric accuracy, go to *Garmin.com.sg/legal/atdisclaimer*.

Starting an Activity

When you start an activity, GPS turns on automatically (if required).

1. From the watch face, press **START**.
2. If this is the first time you are starting an activity, select the checkbox next to each activity to add to your favorites, and select **Done**.
3. Select an option:
   - Select an activity from your favorites.
   - Select , and select an activity from the extended activity list.
4. If the activity requires GPS signals, go outside to an area with a clear view of the sky, and wait until the watch is ready.

   The watch is ready after it establishes your heart rate, acquires GPS signals (if required), and connects to your wireless sensors (if required).
5. Press **START** to start the activity timer.

   The watch records activity data only while the activity timer is running.

Tips for Recording Activities

- Charge the watch before starting an activity

(*Charging the Watch, page 57*).

- Press **LAP** to record laps, start a new set or pose, or advance to the next workout step.
- Press **UP** or **DOWN** to view additional data screens.
- Swipe up or down to view additional data screens.
- Hold **MENU**, and select **Power Mode** to use a power mode to extend battery life (*Customizing Power Modes, page 55*).

Stopping an Activity

1. Press **STOP**.
2. Select an option:
   - To resume your activity, select **Resume**.
   - To save the activity and view the details, select **Save**, press **START**, and select an option.
     NOTE: After you save the activity, you can enter self-evaluation data (*Evaluating an Activity, page 7*).
   - To suspend your activity and resume it at a later time, select **Resume Later**.
   - To mark a lap, select **Lap**.
   - To navigate back to the starting point of your activity along the path you traveled, select **Back to Start** > **TracBack**.
     NOTE: This feature is available only for activities that use GPS.
   - To navigate back to the starting point of your activity by the most direct path, select **Back to Start** > **Route**.
     NOTE: This feature is available only for activities that use GPS.
   - To measure the difference between your heart rate at the end of the activity and your heart rate two minutes later, select **Recovery HR,** and wait while the timer counts down.
   - To discard the activity, select **Discard**.

   NOTE: After stopping the activity, the watch saves it automatically after 30 minutes.

Evaluating an Activity

Before you can evaluate an activity, you must enable the self-evaluation setting on your quatix device (*Activities and App Settings, page 16*).

You can record how you felt during a run, bike, or swim activity.

1. After you complete an activity, select **Save** (*Stopping an Activity, page 7*).
2. Select a number that corresponds with your perceived effort.

   NOTE: You can select » to skip the self evaluation.
3. Select how you felt during the activity.

You can view evaluations in the Garmin Connect app.

Running

Going for a Track Run

Before you go for a track run, make sure you are running on a standard-shape, 400 m track.

You can use the track run activity to record your outdoor track data, including distance in meters and lap splits.

1. Stand on the outdoor track.
2. Select **START** > **Track Run**.
3. Wait while the device locates satellites.
4. If you are running in lane 1, skip to step 10.
5. Hold **MENU**.
6. Select the activity settings.
7. Select **Lane Number**.
8. Select a lane number.
9. Select **BACK** twice to return to the activity timer.
10. Select **START**.
11. Run around the track.

    After you run 3 laps, your device records the track dimensions and calibrates your track distance.
12. After you complete your run, select **STOP** > **Save**.

Tips for Recording a Track Run

- Wait until the GPS status indicator turns green before starting a track run.
- During your first run on an unfamiliar track, run for a minimum of 3 laps to calibrate your track distance.
- You should run slightly past your starting point to complete the lap.
- Run each lap in the same lane.

  NOTE: The default Auto Lap® distance is 1600 m, or 4 laps around the track.
- If you are running in a lane other than lane 1, set the lane number in the activity settings.

Going for a Virtual Run

You can pair your quatix device with a compatible third-party app to transmit pace, heart rate, or cadence data.

1. From the watch face, press **START**.
2. Select **Virtual Run**.
3. On your tablet, laptop, or smartphone, open the Zwift™ app or another virtual training app.
4. Follow the on-screen instructions to start a running activity and pair the devices.
5. Press **START** to start the activity timer.
6. After you complete your run, press **STOP** to stop the activity timer.

Calibrating the Treadmill Distance

To record more accurate distances for your treadmill runs, you can calibrate the treadmill distance after you

run at least 1.5 km (1 mi.) on a treadmill. If you use different treadmills, you can manually calibrate the treadmill distance on each treadmill or after each run.

1. Start a treadmill activity (*Starting an Activity, page 6*).
2. Run on the treadmill until your quatix device records at least 1.5 km (1 mi.).
3. After you complete your run, press **STOP**.
4. Select an option:
   - To calibrate the treadmill distance the first time, select **Save**.
   - The device prompts you to complete the treadmill calibration.
5. To manually calibrate the treadmill distance after the first-time calibration, select **Calibrate & Save** > **Yes**.
6. Check the treadmill display for the distance traveled, and enter the distance on your device.

Recording an Ultra Run Activity

1. From the watch face, press **START**.
2. Select **Ultra Run**.
3. Press **START** to start the activity timer.
4. Start running.
5. Press **LAP** to record a lap and start the rest timer.

   NOTE: You can configure the Lap Key setting to record a lap and start the rest timer, start the rest timer only, or record a lap only (*Activities and App Settings, page 16*).
6. When you are done resting, press **LAP** to resume running.
7. Press **UP** or **DOWN** to view additional data pages (optional).
8. After you complete your activity, press **STOP**, and select **Save**.

Swimming

NOTICE

The device is intended for surface swimming. Scuba diving with the device may damage the product and will void the warranty.

NOTE: The watch has wrist-based heart rate enabled for swim activities. The watch is also compatible with the HRM-Pro, HRM-Swim, and HRM-Tri accessories. If both wrist-based heart rate and chest heart rate data are available, your watch uses the chest heart rate data.

Swim Terminology

Length: One trip down the pool.

Interval: One or more consecutive lengths. A new interval starts after a rest.

Stroke: A stroke is counted every time your arm wearing the device completes a full cycle.

Swolf: Your swolf score is the sum of the time for one pool length and the number of strokes for that length. For example, 30 seconds plus 15 strokes equals a swolf score of 45. For open water swimming, swolf is calculated over 25 meters. Swolf is a measurement of swimming efficiency and, like golf, a lower score is better.

Critical swim speed (CSS): Your CSS is the theoretical speed that you can maintain continuously without exhaustion. You can use your CSS to guide your training pace and monitor your improvement.

Stroke Types

Stroke type identification is available only for pool swimming. Your stroke type is identified at the end of a length. Stroke types appear in your swimming history and in your Garmin Connect account. You can also select stroke type as a custom data field (*Customizing the Data Screens, page 15*).

Free	Freestyle
Back	Backstroke
Breast	Breaststroke
Fly	Butterfly
Mixed	More than one stroke type in an interval
Drill	Used with drill logging (*Training with the Drill Log, page 9*)

Tips for Swimming Activities

- Before starting a pool swimming activity, follow the on-screen instructions to select your pool size or enter a custom size.

  The next time you start a pool swimming activity, the device uses this pool size. You can hold **MENU**, select the activity settings, and select **Pool Size** to change the size.
- Press **LAP** to record a rest during pool swimming.

  The device automatically records swim intervals and lengths for pool swimming.
- Press **LAP** to record an interval during open water swimming.

Resting During Pool Swimming

The default rest screen displays two rest timers. It also displays time and distance for the last completed interval.

NOTE: Swim data is not recorded during a rest.

1. During your swim activity, press **LAP** to start a rest.
2. The rest screen appears.
3. During a rest, press **UP** or **DOWN** to view other data screens (optional).
4. Press **LAP**, and continue swimming.
5. Repeat for additional rest intervals.

Auto Rest

The auto rest feature is available only for pool

swimming. Your device automatically detects when you are resting, and the rest screen appears. If you rest for more than 15 seconds, the device automatically creates a rest interval. When you resume swimming, the device automatically starts a new swim interval. You can turn on the auto rest feature in the activity options (*Activities and App Settings, page 16*).

TIP: For best results using the auto rest feature, minimize your arm motions while resting.

If you do not want to use the auto rest feature, you can select **LAP** to manually mark the beginning and end of each rest interval.

Training with the Drill Log

The drill log feature is available only for pool swimming. You can use the drill log feature to manually record kick sets, one-arm swimming, or any type of swimming that is not one of the four major strokes.

1. During your pool swim activity, press **UP** or **DOWN** to view the drill log screen.
2. Press **LAP** to start the drill timer.
3. After you complete a drill interval, press **LAP**.

   The drill timer stops, but the activity timer continues to record the entire swim session.
4. Select a distance for the completed drill.

   Distance increments are based on the pool size selected for the activity profile.
5. Select an option:
   - To start another drill interval, press **LAP**.
   - To start a swim interval, press **UP** or **DOWN** to return to the swim training screens.

Multisport

Triathletes, duathletes, and other multisport competitors can take advantage of the multisport activities, such as Triathlon or Swimrun. During a multisport activity, you can transition between activities and continue to view your total time. For example, you can switch from biking to running and view your total time for biking and running throughout the multisport activity.

You can customize a multisport activity, or you can use the default triathlon activity set up for a standard triathlon.

Triathlon Training

When you participate in a triathlon, you can use the triathlon activity to quickly transition to each sport segment, to time each segment, and to save the activity.

1. From the watch face, press **START**.
2. Select **Triathlon**.
3. Press **START** to start the activity timer.
4. Press **LAP** at the beginning and end of each transition.

   The transition feature can be turned on or off for the triathlon activity settings.
5. After you complete your activity, press **STOP**, and select **Save**.

Creating a Multisport Activity

1. From the watch face, press **START**.
2. Select **Add** > **Multisport**.
3. Select a multisport activity type, or enter a custom name.

   Duplicate activity names include a number. For example, Triathlon(2).
4. Select two or more activities.
5. Select an option:
   - Select an option to customize specific activity settings. For example, you can select whether to include transitions.
   - Select **Done** to save and use the multisport activity.
6. Select **Yes** to add the activity to your list of favorites.

Indoor Activities

The quatix watch can be used for training indoors, such as running on an indoor track or using a stationary bike or indoor trainer. GPS is turned off for indoor activities (*Activities and App Settings, page 16*).

When running or walking with GPS turned off, speed, distance, and cadence are calculated using the accelerometer in the watch. The accelerometer is self-calibrating. The accuracy of the speed, distance, and cadence data improves after a few outdoor runs or walks using GPS.

TIP: Holding the handrails of the treadmill reduces accuracy.

When cycling with GPS turned off, speed and distance data are not available unless you have an optional sensor that sends speed and distance data to the watch, such as a speed or cadence sensor.

Recording a Strength Training Activity

You can record sets during a strength training activity. A set is multiple repetitions (reps) of a single move.

1. From the watch face, press **START**.
2. Select **Strength**.
3. Select a workout.
4. Select **View** to view a list of workout steps (optional).

   TIP: While viewing workout steps, you can press START to view an animation of the selected exercise, if available.
5. Select **Do Workout**.
6. Select ✓.
7. Press **START** to start the set timer.

8. Start your first set.

   The watch counts your reps. Your rep count appears when you complete at least four reps.

   TIP: The watch can only count reps of a single move for each set. When you want to change moves, you should finish the set and start a new one.
9. Press **LAP** to finish the set and move to the next exercise, if available.

   The watch displays the total reps for the set. After several seconds, the rest timer appears.
10. If necessary, press **DOWN**, and edit the number of reps.

    TIP: You can also add the weight used for the set.
11. When you are done resting, press **LAP** to start your next set.
12. Repeat for each strength training set until your activity is complete.
13. After your last set, press **START** to stop the set timer.
14. Select **Save**.

Recording a HIIT Activity

You can use specialized timers to record a high-intensity interval training (HIIT) activity.

1. Press **START**.
2. Select **HIIT**.
3. Select an option:
   - Select **Free** to record an open, unstructured HIIT activity.
   - Select **HIIT Timers** > **AMRAP** to record as many rounds as possible during a set time period.
   - Select **HIIT Timers** > **EMOM** to record a set number of moves every minute on the minute.
   - Select **HIIT Timers** > **Tabata** to alternate between 20-second intervals of maximum effort with 10 seconds of rest.
   - Select **HIIT Timers** > **Custom** to set your move time, rest time, number of moves, and number of rounds.
   - Select **Workouts** to follow a saved workout.
4. If necessary, follow the on-screen instructions.
5. Press **START** to start your first round.

   The watch displays a countdown timer and your current heart rate.
6. If necessary, press **LAP** to manually move to the next round or rest.
7. After you finish the activity, press **STOP** to stop the activity timer.
8. Select **Save**.

Using an ANT+ Indoor Trainer

Before you can use a compatible ANT+ indoor trainer, you must mount your bike on the trainer and pair it with your device (*Pairing Your Wireless Sensors, page 39*).

You can use your device with an indoor trainer to simulate resistance while following a course, ride, or workout. While using an indoor trainer, GPS is turned off automatically.

1. From the watch face, press **START**.
2. Select **Bike Indoor**.
3. Hold **MENU**.
4. Select **Smart Trainer Options**.
5. Select an option:
   - Select **Free Ride** to go for a ride.
   - Select **Follow Course** to follow a saved course (*Courses, page 53*).
   - Select **Follow Workout** to follow a saved workout (*Workouts, page 20*).
   - Select **Set Power** to set the target power value.
   - Select **Set Grade** to set the simulated grade value.
   - Select **Set Resistance** to set the resistance force applied by the trainer.
6. Press **START** to start the activity timer.

   The trainer increases or decreases resistance based on the elevation information in the course or ride.

Climbing Sports

Recording an Indoor Climbing Activity

You can record routes during an indoor climbing activity. A route is a climbing path along an indoor rock wall.

1. From the watch face, press **START**.
2. Select **Climb Indoor**.
3. Select Yes to record route statistics.
4. Select a grading system.

   NOTE: The next time you start an indoor climbing activity, the device uses this grading system. You can hold **MENU**, select the activity settings, and select Grading System to change the system.
5. Select the difficulty level for the route.
6. Press **START**.
7. Start your first route.

   NOTE: When the route timer is running, the device automatically locks the buttons to prevent accidental button presses. You can hold any button to unlock the watch.
8. When you finish the route, descend to the ground.

   The rest timer starts automatically when you are on the ground.

   NOTE: If necessary, you can press **LAP** to finish the route.
9. Select an option:
   - To save a successful route, select **Completed**.
   - To save an unsuccessful route, select

Attempted.
- To delete the route, select **Discard**.

10 Enter the number of falls for the route.
11 When you are done resting, press **LAP** and begin your next route.
12 Repeat this process for each route until your activity is complete.
13 Press **STOP**.
14 Select **Save**.

Recording a Bouldering Activity

You can record routes during a bouldering activity. A route is a climbing path along a boulder or small rock formation.

1 From the watch face, press **START**.
2 Select **Bouldering**.
3 Select a grading system.

NOTE: The next time you start a bouldering activity, the device uses this grading system. You can hold **MENU**, select the activity settings, and select **Grading System** to change the system.

4 Select the difficulty level for the route.
5 Press **START** to start the route timer.
6 Start your first route.
7 Press **LAP** to finish the route.
8 Select an option:
- To save a successful route, select **Completed**.
- To save an unsuccessful route, select **Attempted**.
- To delete the route, select **Discard**.

The rest timer appears.

9 When you are done resting, press **LAP** to start your next route.
10 Repeat this process for each route until your activity is complete.
11 After your last route, press **STOP** to stop the route timer.
12 Select **Save**.

Starting an Expedition

You can use the Expedition app to prolong the battery life while recording a multi-day activity.

1 From the watch face, press **START**.
2 Select **Expedition**.
3 Press **START** to start the activity timer.

The device enters low power mode and collects GPS track points once an hour. To maximize battery life, the device turns off all sensors and accessories, including the connection to your smartphone.

Recording a Track Point Manually

During an expedition, track points are recorded automatically based on the selected recording interval. You can manually record a track point at any time.

1 During an expedition, press **UP** or **DOWN** to view the map page.
2 Press **START**.
3 Select **Add Point**.

Viewing Track Points

1 During an expedition, press **UP** or **DOWN** to view the map page.
2 Press **START**.
3 Select **View Points**.
4 Select a track point from the list.
5 Select an option:
- To start navigating to the track point, select **Go To**.
- To view detailed information about the track point, select **Details**.

Skiing

Viewing Your Ski Runs

Your device records the details of each downhill skiing or snowboarding run using the auto run feature. This feature is turned on by default for downhill skiing and snowboarding. It automatically records new ski runs based on your movement. The timer pauses when you stop moving downhill and when you are on a chairlift. The timer remains paused during the chairlift ride. You can start moving downhill to restart the timer. You can view run details from the paused screen or while the timer is running.

1 Start a skiing or snowboarding activity.
2 Hold **MENU**.
3 Select **View Runs**.
4 Press **UP** and **DOWN** to view details of your last run, your current run, and your total runs.

The run screens include time, distance traveled, maximum speed, average speed, and total descent.

Recording a Backcountry Skiing Activity

The backcountry skiing activity lets you manually switch between climbing and descending tracking modes so you can accurately track your statistics.

1 From the watch face, press **START**.
2 Select **Backcountry Ski**.
3 Select an option:
- If you are starting your activity on a climb, select **Climbing**.
- If you are starting your activity moving downhill, select **Descending**.

4 Press **START** to start the activity timer.
5 Press **LAP** to switch between climbing and descending tracking modes.
6 After your activity is finished, press **START** to stop the timer.

7 Select **Save**.

Cross-Country Skiing Power Data

You can use your compatible quatix device paired with the HRM-Pro accessory to provide real-time feedback about your cross-country skiing performance.

NOTE: The HRM-Pro accessory must be paired to the quatix device using ANT technology.

Power is the force you generate while skiing. The power output is measured in watts. Factors that affect power include your speed, elevation changes, wind, and snow conditions. You can use power output to measure and improve your skiing performance.

NOTE: Skiing power values are generally lower than cycling power values. This is normal and occurs because humans are less efficient at skiing than they are at cycling. It is common for ski power values to be 30 to 40 percent lower than cycling power values at the same training intensity.

Golfing

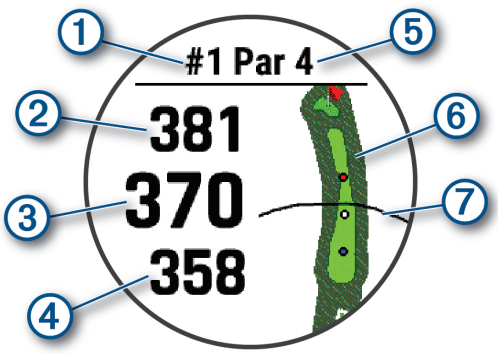
NOTE: If you found a golf course with data that's inaccurate or outdated, please send us a report at *Report a Golf Course Issue*.

Playing Golf

Before you play golf, you should charge the watch (*Charging the Watch, page 57*).

1 From the watch face, press **START**.
2 Select **Golf**.
3 Go outside, and wait while the watch locates satellites.
4 Select a course from the list of available courses.
5 If necessary, set your driver distance.
6 Select ✔ to keep score.
7 Select a tee box.

The hole information screen appears.



①	Current hole number
②	Distance to the back of the green
③	Distance to the middle of the green
④	Distance to the front of the green
⑤	Par for the hole
⑥	Map of the green
⑦	Driver distance from the tee box

NOTE: Because pin locations change, the watch calculates the distance to the front, middle, and back of the green, but not the actual pin location.

8 Select an option:
- Tap the front, middle, or back distances to the green to view the PlaysLike distance (*PlaysLike Distance Icons, page 13*).
- Tap the map to view more detail or measure distance with touch targeting (*Measuring Distance with Touch Targeting, page 13*).
- Press **UP** or **DOWN** to view the location and distance to a layup or to the front and back of a hazard.
- Press **START** to open the golf menu (*Golf Menu, page 12*).

When you move to the next hole, the watch automatically transitions to display the new hole information.

Golf Menu

During a round, you can press **START** to access additional features in the golf menu.

End Round: Ends the current round.

Change Hole: Allows you to manually change the hole.

Change Green: Allows you to change the green when more than one green is available for a hole.

Move Flag: Allows you to move the pin location to get a more precise distance measurement (*Moving the Flag, page 13*).

Measure Shot: Shows the distance of your previous shot recorded with the Garmin AutoShot feature (*Viewing Measured Shots, page 13*). You can also manually record a shot (*Manually Measuring a Shot, page 13*).

Scorecard: Opens the scorecard for the round (*Keeping Score, page 13*).

Odometer: Shows the recorded time, distance, and steps traveled. The odometer automatically starts and stops when you start or end a round. You can reset the odometer during a round.

PinPointer: The PinPointer feature is a compass that points to the pin location when you are unable to see the green. This feature can help you line up a shot even if you are in the woods or in a deep sand trap.

NOTE: Do not use the PinPointer feature while in a golf cart. Interference from the golf cart can affect the accuracy of the compass.

Custom Targets: Allows you to save a location, such as an object or obstacle, for the current hole (*Saving Custom Targets, page 14*).

Club Stats: Shows your statistics with each golf club, such as distance and accuracy information.

Appears when you pair Approach® CT10 sensors or enable the Club Prompt setting.

Settings: Allows you to customize the golf activity settings (*Activities and App Settings, page 16*).

Moving the Flag

You can take a closer look at the green and move the pin location.

1. From the hole information screen, press **START**.
2. Select **Move Flag**.
3. Tap or drag to move the pin location.
4. Press **START**.

   The distances on the hole information screen are updated to show the new pin location. The pin location is saved for only the current round.

Measuring Distance with Touch Targeting

While playing a game, you can use touch targeting to measure the distance to any point on the map.

1. While playing golf, tap the map.
2. Tap or drag your finger to position the target circle .

   You can view the distance from your current position to the target circle, and from the target circle to the pin location.
3. If necessary, select + or − to zoom in or out.

Viewing Measured Shots

Before the device can automatically detect and measure shots, you must enable scoring.

Your device features automatic shot detection and recording. Each time you take a shot along the fairway, the device records your shot distance so you can view it later.

TIP: Automatic shot detection works best when you wear the device on your leading wrist and make good contact with the ball. Putts are not detected.

1. While playing golf, press **START**.
2. Select **Measure Shot**.

   Your last shot distance appears.

   NOTE: The distance automatically resets when you hit the ball again, putt on the green, or move to the next hole.
3. Press **DOWN**.
4. Select **Previous Shots** to view all recorded shot distances.

Manually Measuring a Shot

You can manually add a shot if the watch doesn't detect it. You must add the shot from the location of the missed shot.

1. Take a shot and watch where your ball lands.
2. From the hole information screen, press **START**.
3. Select **Measure Shot**.
4. Press **DOWN**.
5. Select **Add Shot** > ✓.
6. If necessary, enter the club you used for the shot.
7. Walk or drive to your ball.

The next time you take a shot, the watch automatically records your last shot distance. If necessary, you can manually add another shot.

Keeping Score

1. From the hole information screen, press **START**.
2. Select **Scorecard**.

   The scorecard appears when you are on the green.
3. Press **UP** or **DOWN** to scroll through the holes.
4. Press **START** to select a hole.
5. Press **UP** or **DOWN** to set the score.

   Your total score is updated.

Recording Statistics

Before you can record statistics, you must enable statistics tracking (*Activities and App Settings, page 16*).

1. From the scorecard, select a hole.
2. Enter the total number of strokes taken, including putts, and press **START**.
3. Set the number of putts taken, and press **START**.

   NOTE: The number of putts taken is used for statistics tracking only and does not increase your score.
4. If necessary, select an option:

   NOTE: If you are on a par 3 hole, fairway information does not appear.
   - If your ball hit the fairway, select **In Fairway**.
   - If your ball missed the fairway, select **Missed Right** or **Missed Left**.
5. If necessary, enter the number of penalty strokes.

About Stableford Scoring

When you select the Stableford scoring method (*Activities and App Settings, page 16*), points are awarded based on the number of strokes taken relative to par. At the end of a round, the highest score wins. The device awards points as specified by the United States Golf Association.

The scorecard for a Stableford scored game shows points instead of strokes.

Points	Strokes Taken Relative to Par
0	2 or more over
1	1 over
2	Par
3	1 under
4	2 under
5	3 under

PlaysLike Distance Icons

The PlaysLike distance feature accounts for elevation

changes on the course by showing the adjusted distance to the green. During a round, you can tap a distance to the green to view the PlaysLike distance.

▲: Distance plays longer than expected due to a change in elevation.

■: Distance plays as expected.

▼: Distance plays shorter than expected due to a change in elevation.

Saving Custom Targets

While playing a round, you can save up to five custom targets for each hole. Saving a target is useful for recording objects or obstacles that are not shown on the map. You can view the distances to these targets from the hazards and layups screen (*Playing Golf, page 12*).

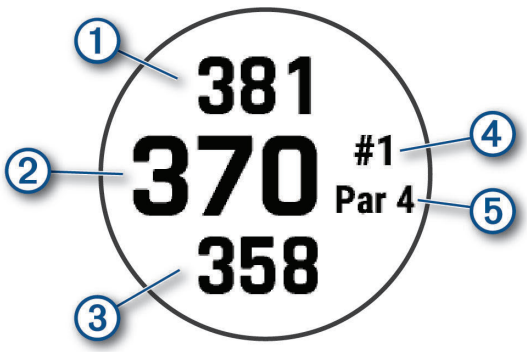
1. Stand near the target you want to save.

   NOTE: You cannot save a target that is far from the currently selected hole.
2. From the hole information screen, press **START**.
3. Select **Custom Targets**.
4. Select a target type.

Big Numbers Mode

You can change the size of the numbers on the hole information screen.

Hold **MENU**, select the activity settings, and select **Big Numbers**.



①	The distance to the back of the green
②	The distance to the middle of the green or selected pin position
③	The distance to the front of the green
④	The current hole number
⑤	The par for the current hole

Jumpmaster

⚠WARNING

The jumpmaster feature is for use by experienced skydivers only. The jumpmaster feature should not be used as a primary skydiving altimeter. Failure to input the appropriate jump related information can lead to serious personal injury or death.

The jumpmaster feature follows military guidelines for calculating the high altitude release point (HARP). The device detects automatically when you have jumped to begin navigating toward the desired impact point (DIP) using the barometer and electronic compass.

Planning a Jump

1. Select a jump type (*Jump Types, page 14*).
2. Enter the jump information (*Entering Jump Information, page 14*).

   The device calculates the HARP.
3. Select **GO TO HARP** to start navigation to the HARP.

Jump Types

The jumpmaster feature allows you to set the jump type to one of three types: HAHO, HALO, or Static. The jump type selected determines what additional setup information is required. For all jump types, drop altitudes and opening altitudes are measured in feet above ground level (AGL).

HAHO: High Altitude High Opening. The jumpmaster jumps from a very high altitude and opens the parachute at a high altitude. You must set a DIP and a drop altitude of at least 1,000 feet. The drop altitude is assumed to be the same as the opening altitude. Common values for a drop altitude range from 12,000 to 24,000 feet AGL.

HALO: High Altitude Low Opening. The jumpmaster jumps from a very high altitude and opens the parachute at a low altitude. The required information is the same as the HAHO jump type, plus an opening altitude. The opening altitude must not be greater than the drop altitude. Common values for an opening altitude range from 2,000 to 6,000 feet AGL.

Static: The wind speed and direction are assumed to be constant for the duration of the jump. The drop altitude must be at least 1,000 feet.

Entering Jump Information

1. Press **START**.
2. Select **Jumpmaster**.
3. Select a jump type (*Jump Types, page 14*).
4. Complete one or more actions to enter your jump information:
   - Select **DIP** to set a waypoint for the desired landing location.
   - Select **Drop Alt.** to set the drop altitude AGL (in feet) when the jumpmaster exits the aircraft.
   - Select Open Alt to set the open altitude AGL (in feet) when the jumpmaster opens the parachute.
   - Select **Forward Throw** to set the horizontal distance traveled (in meters) due to aircraft speed.
   - Select **Crs. to HARP** to set the direction traveled (in degrees) due to aircraft speed.

- Select Wind to set the wind speed (in knots) and direction (in degrees).
- Select **Constant** to fine-tune some information for the planned jump. Depending on the jump type, you can select **Percent Max.**, **Safety Factor**, **K-Open**, **K-Freefall**, or **K-Static** and enter additional information (*Constant Settings, page 15*).
- Select **Auto to DIP** to enable navigation to the DIP automatically after you jump.
- Select **GO TO HARP** to start navigation to the HARP.

Entering Wind Information for HAHO and HALO Jumps

1. Press **START**.
2. Select **Jumpmaster**.
3. Select a jump type (*Jump Types, page 14*).
4. Select **Wind** > **Add**.
5. Select an altitude.
6. Enter a wind speed in knots and select **Done**.
7. Enter a wind direction in degrees and select **Done**.

   The wind value is added to the list. Only wind values included in the list are used in calculations.
8. Repeat steps 5–7 for each available altitude.

Resetting Wind Information

1. Press **START**.
2. Select **Jumpmaster**.
3. Select **HAHO** or **HALO**.
4. Select **Wind** > **Reset**.

All wind values are removed from the list.

Entering Wind Information for a Static Jump

1. Press **START**.
2. Select **Jumpmaster** > **Static** > **Wind**.
3. Enter a wind speed in knots and select **Done**.
4. Enter a wind direction in degrees and select Done.

Constant Settings

Select **Jumpmaster**, select a jump type, and select **Constant**.

Percent Max.: Sets the jump range for all jump types. A setting less than 100% decreases the drift distance to the DIP, and a setting greater than 100% increases the drift distance. More experienced jumpmasters may want to use smaller numbers, and less experienced skydivers may want to use larger numbers.

Safety Factor: Sets the margin of error for a jump (HAHO only). Safety factors are usually integer values of two or greater, and are determined by the jumpmaster based on specifications for the jump.

K-Freefall: Sets the wind drag value for a parachute during freefall, based on the parachute canopy rating (HALO only). Each parachute should be labeled with a K value.

K-Open: Sets the wind drag value for an open parachute, based on the parachute canopy rating (HAHO and HALO). Each parachute should be labeled with a K value.

K-Static: Sets the wind drag value for a parachute during a static jump, based on the parachute canopy rating (Static only). Each parachute should be labeled with a K value.

Customizing Activities and Apps

You can customize the activities and apps list, data screens, data fields, and other settings.

Adding or Removing a Favorite Activity

The list of your favorite activities appears when you press **START** from the watch face, and it provides quick access to the activities you use most frequently. The first time you press **START** to start an activity, the watch prompts you to select your favorite activities. You can add or remove favorite activities at any time.

1. Hold **MENU**.
2. Select **Activities & Apps**.

   Your favorite activities appear at the top of the list.
3. Select an option:
   - To add a favorite activity, select the activity, and select **Set as Favorite**.
   - To remove a favorite activity, select the activity, and select **Remove from Favorites**.

Changing the Order of an Activity in the Apps List

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.
4. Select **Reorder**.
5. Press **UP** or **DOWN** to adjust the position of the activity in the apps list.

Customizing the Data Screens

You can show, hide, and change the layout and content of data screens for each activity.

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select the activity to customize.
4. Select the activity settings.
5. Select **Data Screens**.
6. Select a data screen to customize.
7. Select an option:
   - Select **Layout** to adjust the number of data fields on the data screen.
   - Select **Data Fields**, and select a field to change the data that appears in the field.
     TIP: For a list of all the available data fields, go to *Data Fields, page 61*. Not all data fields are available for all activity types.

- Select **Reorder** to change the location of the data screen in the loop.
- Select **Remove** to remove the data screen from the loop.

8. If necessary, select **Add New** to add a data screen to the loop.

   You can add a custom data screen, or select one of the predefined data screens.

Adding a Map to an Activity

You can add the map to the data screens loop for an activity.

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select the activity to customize.
4. Select the activity settings.
5. Select **Data Screens** > **Add New** > **Map**.

Creating a Custom Activity

1. From the watch face, press **START**.
2. Select **Add**.
3. Select an option:
   - Select **Copy Activity** to create your custom activity starting from one of your saved activities.
   - Select **Other** to create a new custom activity.
4. If necessary, select an activity type.
5. Select a name or enter a custom name.

   Duplicate activity names include a number, for example: Bike(2).
6. Select an option:
   - Select an option to customize specific activity settings. For example, you can customize the data screens or auto features.
   - Select **Done** to save and use the custom activity.
7. Select **Yes** to add the activity to your list of favorites.

Activities and App Settings

These settings allow you to customize each preloaded activity app based on your needs. For example, you can customize data pages and enable alerts and training features. Not all settings are available for all activity types.

Hold **MENU**, select **Activities & Apps**, select an activity, and select the activity settings.

3D Distance: Calculates your distance traveled using your elevation change and your horizontal movement over ground.

3D Speed: Calculates your speed using your elevation change and your horizontal movement over ground.

Accent Color: Sets the accent color of each activity to help identify which activity is active.

Add Activity: Allows you to customize a multisport activity.

Alerts: Sets the training or navigation alerts for the activity (*Activity Alerts, page 18*).

Auto Climb: Enables the watch to detect elevation changes automatically using the built-in altimeter (*Enabling Auto Climb, page 19*).

Auto Lap: Sets the options for the Auto Lap feature to automatically mark laps. The Auto Distance option marks laps at a specific distance. The Auto Position option marks laps at a location where you previously pressed **LAP**. When you complete a lap, a customizable lap alert message appears. This feature is helpful for comparing your performance over different parts of an activity.

Auto Pause: Sets the options for the Auto Pause® feature to stop recording data when you stop moving or when you drop below a specified speed. This feature is helpful if your activity includes stop lights or other places where you must stop.

Auto Rest: Enables the watch to automatically detect when you are resting during a pool swim and create a rest interval (*Auto Rest, page 8*).

Auto Run: Enables the watch to detect ski or windsurf runs automatically using the built-in accelerometer. For the windsurf activity, you can set speed and distance thresholds for automatically starting a run.

Auto Scroll: Sets the watch to scroll through all of the activity data screens automatically while the activity timer is running.

Auto Set: Enables the watch to start and stop exercise sets automatically during a strength training activity.

Background Color: Sets the background color of each activity to black or white.

Big Numbers: Changes the size of the numbers on the golf hole information screen (*Big Numbers Mode, page 14*).

Broadcast Heart Rate: Enables automatic heart rate data broadcasting when you start the activity (*Broadcasting Heart Rate Data, page 36*).

ClimbPro: Displays ascent planning and monitoring screens while navigating (*Using ClimbPro, page 19*).

Club Prompt: Displays a prompt to enter which golf club you used after each detected shot to record your club statistics (*Recording Statistics, page 13*).

Countdown Start: Enables a countdown timer for pool swimming intervals.

Data Screens: Enables you to customize data screens and add new data screens for the activity (*Customizing the Data Screens, page 15*).

Driver Distance: Sets the average distance the ball travels on your drive while playing golf.

Edit Routes: Allows you to edit the route difficulty level and status during a rock climbing activity.

Edit Weight: Allows you to add the weight used for an exercise set during a strength training or cardio activity.

Golf Distance: Set the unit of measure used while playing golf.

Grading System: Sets the grading system for rating the route difficulty for a rock climbing activity.

Handicap Scoring: Enables handicap scoring while playing golf. The Local Handicap option allows you to enter the number of strokes to be subtracted from your total score. The Index/Slope option allows you to enter your handicap and the course slope rating so the watch can calculate your course handicap. When you enable either handicap scoring option, you can adjust your handicap value.

Lane Number: Sets your lane number for track running.

Lap Key: Enables or disables the LAP button for recording a lap or rest during an activity.

Lock Device: Locks the touchscreen and buttons during a multisport activity to prevent inadvertent button presses and touchscreen swipes.

Map: Sets the display preferences for the map data screen for the activity (*Activity Map Settings, page 18*).

Metronome: Plays tones or vibrates at a steady rhythm to help you improve your performance by training at a faster, slower, or more consistent cadence. You can set the beats per minute (bpm) of the cadence you want to maintain, beat frequency, and sound settings.

Nautical Speed: Sets the watch to use nautical units or the system units of measure for speed.

Penalties: Enables penalty stroke tracking while playing golf (*Recording Statistics, page 13*).

PlaysLike: Enables the "plays like" distance feature while playing golf, which accounts for elevation changes on the course by showing the adjusted distance to the green (*PlaysLike Distance Icons, page 13*).

Pool Size: Sets the pool length for pool swimming.

Power Averaging: Controls whether the watch includes zero values for power data that occur when you are not pedaling.

Power Mode: Sets the default power mode for the activity.

Power Save Timeout: Sets the power-save timeout length for how long your watch stays in training mode, for example, when you are waiting for a race to start. The Normal option sets the watch to enter low-power watch mode after 5 minutes of inactivity. The Extended option sets the watch to enter low-power watch mode after 25 minutes of inactivity. The extended mode can result in shorter battery life between charges.

Record Activity: Enables activity FIT file recording for golf activities. FIT files record fitness information that is tailored for Garmin Connect.

Recording Interval: Sets the frequency for recording track points during an expedition. By default, GPS track points are recorded once an hour, and they are not recorded after sunset. Recording track points less frequently maximizes battery life.

Record After Sunset: Sets the watch to record track points after sunset during an expedition.

Record VO2 Max.: Enables VO2 max. recording for trail run and ultra run activities.

Rename: Sets the activity name.

Repeat: Enables the Repeat option for multisport activities. For example, you can use this option for activities that include multiple transitions, such as a swimrun.

Restore Defaults: Allows you to reset the activity settings.

Route Stats: Enables route statistics tracking for indoor climbing activities.

Routing: Sets the preferences for calculating routes for the activity (*Routing Settings, page 18*).

Satellites: Sets the satellite system to use for the activity (*Satellite Settings, page 19*).

Scoring: Enables or disables scorekeeping automatically when you start a round of golf. The Always Ask option prompts you when you begin a round.

Scoring Method: Sets the scoring method to stroke play or Stableford scoring while playing golf.

Segment Alerts: Enables prompts that alert you to approaching segments (*Segments, page 22*).

Self Evaluation: Sets how often you evaluate your perceived effort for the activity (*Evaluating an Activity, page 7*).

SpeedPro: Enables advanced speed metrics for windsurf activity runs.

Stat Tracking: Enables statistics tracking while playing golf (*Recording Statistics, page 13*).

Stroke Detect.: Enables stroke detection for pool swimming.

Swimrun Auto Sport Change: Allows you to automatically transition between the swim portion and the run portion of a swimrun multisport activity.

Touch: Enables or disables the touchscreen during an activity.

Tournament Mode: Disables features that are not allowed during sanctioned tournaments.

Transitions: Enables transitions for multisport activities.

Vibration Alerts: Enables alerts that notify you to inhale or exhale during a breathwork activity.

Workout Videos: Enables instructive workout animations for a strength, cardio, yoga, or Pilates activity. Animations are available for pre-installed workouts and workouts downloaded from your Garmin Connect account.

Activity Alerts

You can set alerts for each activity, which can help you to train toward specific goals, to increase your awareness of your environment, and to navigate to your destination. Some alerts are available only for specific activities. There are three types of alerts: event alerts, range alerts, and recurring alerts.

Event alert: An event alert notifies you once. The event is a specific value. For example, you can set the watch to alert you when you burn a specified number of calories.

Range alert: A range alert notifies you each time the watch is above or below a specified range of values. For example, you can set the watch to alert you when your heart rate is below 60 beats per minute (bpm) and over 210 bpm.

Recurring alert: A recurring alert notifies you each time the watch records a specified value or interval. For example, you can set the watch to alert you every 30 minutes.

Alert Name	Alert Type	Description
Cadence	Range	You can set minimum and maximum cadence values.
Calories	Event, recurring	You can set the number of calories.
Custom	Event, recurring	You can select an existing message or create a custom message and select an alert type.
Distance	Recurring	You can set a distance interval.
Elevation	Range	You can set minimum and maximum elevation values.
Heart Rate	Range	You can set minimum and maximum heart rate values or select zone changes. See *About Heart Rate Zones, page 48* and *Heart Rate Zone Calculations, page 49*.
Pace	Range	You can set minimum and maximum pace values.
Pacing	Recurring	You can set a target swim pace.
Power	Range	You can set the high or low power level.
Proximity	Event	You can set a radius from a saved location.
Run/Walk	Recurring	You can set timed walking breaks at regular intervals.
Speed	Range	You can set minimum and maximum speed values.
Stroke Rate	Range	You can set high or low strokes per minute.
Time	Event, recurring	You can set a time interval.
Track Timer	Recurring	You can set a track time interval in seconds.

Setting an Alert

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.

   NOTE: This feature is not available for all activities.
4. Select the activity settings.
5. Select **Alerts**.
6. Select an option:
   - Select **Add New** to add a new alert for the activity.
   - Select the alert name to edit an existing alert.
7. If necessary, select the type of alert.
8. Select a zone, enter the minimum and maximum values, or enter a custom value for the alert.
9. If necessary, turn on the alert.

For event and recurring alerts, a message appears each time you reach the alert value. For range alerts, a message appears each time you exceed or drop below the specified range (minimum and maximum values).

Activity Map Settings

You can customize the appearance of the map data screen for each activity.

Hold **MENU**, select **Activities & Apps**, select an activity, select the activity settings, and select **Map**.

Configure Maps: Shows or hides data from installed map products.

Map Theme: Sets the map to display data optimized for your activity type. The System option uses the preferences from the system map settings (*Map Themes, page 42*).

Use Sys. Settings: Enables the watch to use the preferences from the map system settings (*Map Settings, page 42*). When this setting is disabled, you can customize the map settings for the activity.

Restore Theme: Allows you to restore default map theme settings or themes that have been deleted from the watch.

Routing Settings

You can change the routing settings to customize the way the watch calculates routes for each activity.

NOTE: Not all settings are available for all activity types.

Hold **MENU**, select **Activities & Apps**, select an activity, select the activity settings, and select **Routing**.

Activity: Sets an activity for routing. The watch calculates routes optimized for the type of activity you are doing.

Popularity Routing: Calculates routes based on the most popular runs and rides from Garmin Connect.

Courses: Sets how you navigate courses using the watch. Use the Follow Course option to navigate a course exactly as it appears, without recalculating. Use the Use Map option to navigate a course using routable maps, and recalculate the route if you stray from the course.

Calculation Method: Sets the calculation method to minimize the time, distance, or ascent in routes.

Avoidances: Sets the road or transportation types to avoid in routes.

Type: Sets the behavior of the pointer that appears during direct routing.

Using ClimbPro

The ClimbPro feature helps you manage your effort for the upcoming climbs on a course. You can view climb details, including gradient, distance, and elevation gain, before or in real time while following a course. Cycling climb categories, based on length and gradient, are indicated by color.

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.
4. Select the activity settings.
5. Select **ClimbPro** > **Status** > **On**.
6. Select an option:
   - Select **Data Field** to customize the data field that appears on the ClimbPro screen.
   - Select **Alert** to set alerts at the start of a climb or at a certain distance from the climb.
   - Select **Descents** to turn descents on or off for running activities.
7. Review the climbs and course details for the course (*Viewing or Editing Course Details, page 53*).
8. Start following a saved course (*Navigating to a Destination, page 51*).

Enabling Auto Climb

You can use the auto climb feature to detect elevation changes automatically. You can use it during activities such as climbing, hiking, running, or biking.

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.

   NOTE: This feature is not available for all activities.
4. Select the activity settings.
5. Select **Auto Climb** > **Status**.
6. Select **Always** or **When Not Navigating**.
7. Select an option:
   - Select **Run Screen** to identify which data screen appears while running.
   - Select **Climb Screen** to identify which data screen appears while climbing.
   - Select **Invert Colors** to reverse the display colors when changing modes.
   - Select **Vertical Speed** to set the rate of ascent over time.
   - Select **Mode Switch** to set how quickly the device changes modes.

   NOTE: The Current Screen option allows you to automatically switch to the last screen you were viewing before the auto climb transition occurred.

Satellite Settings

You can change the satellite settings to customize the satellite systems used for each activity. For more information about satellite systems, go to *Garmin.com.sg/about-gps*.

Hold **MENU**, select **Activities & Apps**, select an activity, select the activity settings, and select **Satellites**.

NOTE: This feature is not available for all activities.

Off: Disables satellite systems for the activity.

Use Default: Enables the watch to use the default system setting for satellites (*System Settings, page 55*).

GPS Only: Enables the GPS satellite system.

All Systems: Enables multiple satellite systems. Using multiple satellite systems together offers increased performance in challenging environments and faster position acquisition than using GPS only. However, using multiple systems can reduce battery life more quickly than using GPS only.

All + Multi-Band: Enables multiple satellite systems on multiple frequency bands. Multi-band systems use multiple frequency bands and allow for more consistent track logs, improved positioning, improved multi-path errors, and fewer atmospheric errors when using the watch in challenging environments.

NOTE: Not available for all watch models.

UltraTrac: Records track points and sensor data less frequently. Enabling the UltraTrac feature increases battery life but decreases the quality of recorded activities. You should use the UltraTrac feature for activities that demand longer battery life and for which frequent sensor data updates are less important.

Training

Workouts

You can create custom workouts that include goals for each workout step and for varied distances, times, and calories. During your activity, you can view workout-specific data screens that contain workout step information, such as the workout step distance or average step pace.

Your device includes several preloaded workouts for multiple activities. You can create and find more workouts using Garmin Connect, or select a training plan that has built-in workouts and transfer them to your device.

You can schedule workouts using Garmin Connect. You can plan workouts in advance and store them on your device.

Following a Workout From Garmin Connect

Before you can download a workout from Garmin Connect, you must have a Garmin Connect account (*Garmin Connect, page 46*).

1. Select an option:
   - Open the Garmin Connect app.
   - Go to *connect.Garmin.com*.
2. Select **Training** > **Workouts**.
3. Find a workout, or create and save a new workout.
4. Select or **Send to Device**.
5. Follow the on-screen instructions.

Starting a Workout

Your device can guide you through multiple steps in a workout.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Workouts**.
5. Select a workout.

   NOTE: Only workouts that are compatible with the selected activity appear in the list.
6. Select **View** to view a list of workout steps (optional).

   TIP: While viewing workout steps, you can press **START** to view an animation of the selected exercise, if available.
7. Select **Do Workout**.
8. Press **START** to start the activity timer.

After you begin a workout, the device displays each step of the workout, step notes (optional), the target (optional), and the current workout data. For strength, yoga, cardio, or Pilates activities, an instructional animation appears.

Following a Daily Suggested Workout

Before the device can suggest a daily workout, you must have a training status and VO2 max. estimate (*Training Status, page 30*).

1. From the watch face, select **START**.
2. Select **Run** or **Bike**.

   The daily suggested workout appears.
3. Select **START**, and select an option:
   - To do the workout, select **Do Workout**.
   - To discard the workout, select **Dismiss**.
   - To preview the workout steps, select **Steps**.
   - To update the workout target setting, select **Target Type**.
   - To turn off future workout notifications, select **Disable Prompt**.

The suggested workout updates automatically to changes in training habits, recovery time, and VO2 max.

Customizing an Interval Workout

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Intervals** > **Structured Repeats** > **Edit**.
5. Select one or more options:
   - To set the interval duration and type, select **Interval**.
   - To set the rest duration and type, select **Rest**.
   - To set the number of repetitions, select **Repeat**.
   - To add an open-ended warm up to your workout, select **Warm Up** > **On**.
   - To add an open-ended cool down to your workout, select **Cool Down** > **On**.
6. Press **BACK**.

The watch saves your custom interval workout until you edit the workout again.

Starting an Interval Workout

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Intervals**.
5. Select an option:
   - Select **Open Repeats** to mark your intervals and rest periods manually by pressing **LAP**.
   - Select **Structured Repeats** > **Do Workout** to use an interval workout based on distance or time.
6. Press **START** to start the activity timer.
7. When your interval workout has a warm up, press **LAP** to begin the first interval.
8. Follow the on-screen instructions.
9. At any time, press **LAP** to stop the current interval or rest period and transition to the next interval or rest period (optional).

After you complete all of the intervals, a message appears.

Following a Pool Swim Workout

Your device can guide you through multiple steps in a swim workout. Creating and sending a pool swim workout is similar to *Workouts, page 20* and Following a *Following a Workout From Garmin Connect, page 20*.

1. From the watch face, select **START** > **Pool Swim** > **Options** > **Training**.
2. Select an option:
   - Select **Workouts** to do workouts downloaded from Garmin Connect.
   - Select **Training Calendar** to do or view your scheduled workouts.
3. Follow the on-screen instructions.

Recording a Critical Swim Speed Test

Your Critical Swim Speed (CSS) value is the result of a time-trial-based test. Your CSS is the theoretical speed you can maintain continuously without exhaustion. You can use your CSS to guide your training pace and monitor your improvement.

1. From the watch face, press **START**.
2. Select **Pool Swim**.
3. Hold **MENU**.
4. Select **Training** > **Critical Swim Speed** > **Do Critical Swim Speed Test**.
5. Press **DOWN** to preview the workout steps.
6. Select **OK**.
7. Press **START**.
8. Follow the on-screen instructions.

Editing Your Critical Swim Speed Result

You can manually edit or enter a new time for your CSS value.

1. From the watch face, press **START**.
2. Select **Pool Swim**.
3. Hold **MENU**.
4. Select **Training** > **Critical Swim Speed** > **Critical Swim Speed**.
5. Enter the minutes.
6. Enter the seconds.

About the Training Calendar

The training calendar on your watch is an extension of the training calendar or schedule you set up in your Garmin Connect account. After you have added a few workouts to the Garmin Connect calendar, you can send them to your device. All scheduled workouts sent to the device appear in the calendar glance. When you select a day in the calendar, you can view or do the workout. The scheduled workout stays on your watch whether you complete it or skip it. When you send scheduled workouts from Garmin Connect, they overwrite the existing training calendar.

Using Garmin Connect Training Plans

Before you can download and use a training plan, you must have a Garmin Connect account (*Garmin Connect, page 46*), and you must pair the quatix watch with a compatible phone.

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Training** > **Training Plans**.
3. Select and schedule a training plan.
4. Follow the on-screen instructions.
5. Review the training plan in your calendar.

Adaptive Training Plans

Your Garmin Connect account has an adaptive training plan and Garmin coach to fit your training goals. For example, you can answer a few questions and find a plan to help you complete a 5 km race. The plan adjusts to your current level of fitness, coaching and schedule preferences, and race date. When you start a plan, the Garmin coach glance is added to the glance loop on your quatix watch.

PacePro Training

Many runners like to wear a pace band during a race to help achieve their race goal. The PacePro feature allows you to create a custom pace band based on distance and pace or distance and time. You can also create a pace band for a known course to optimize your pace effort based on elevation changes.

You can create a PacePro plan using the Garmin Connect app. You can preview the splits and elevation plot before you run the course.

Downloading a PacePro Plan from Garmin Connect

Before you can download a PacePro plan from Garmin Connect, you must have a Garmin Connect account (*Garmin Connect, page 46*).

1. Select an option:
   - Open the Garmin Connect app, and select ☰ or •••.
   - Go to *connect.Garmin.com*.
2. Select **Training** > **PacePro Pacing Strategies**.
3. Follow the on-screen instructions to create and save a PacePro plan.
4. Select or Send to Device.

Creating a PacePro Plan on Your Watch

Before you can create a PacePro plan on your watch, you must create a course (*Creating and Following a Course on Your Device, page 53*).

1. From the watch face, press **START**.
2. Select an outdoor running activity.
3. Hold **MENU**.
4. Select **Navigation** > **Courses**.

5 Select a course.
6 Select **PacePro** > **Create New**.
7 Select an option:
   - Select **Goal Pace**, and enter your target pace.
   - Select **Goal Time**, and enter your target time.

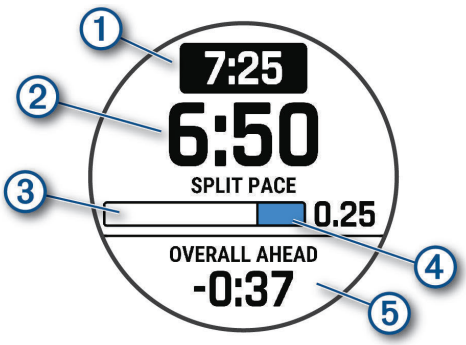
   The watch displays your custom pace band.
8 Press **START**.
9 Select an option:
   - Select **Accept Plan** to start the plan.
   - Select **View Splits** to preview the splits.
   - Select **Elevation Plot** to view an elevation plot of the course.
   - Select **Map** to view the course on the map.
   - Select **Remove** to discard the plan.

Starting a PacePro Plan

Before you can start a PacePro plan, you must download a plan from your Garmin Connect account.

1 From the watch face, press **START**.
2 Select an outdoor running activity.
3 Hold **MENU**.
4 Select **Training** > **PacePro Plans**.
5 Select a plan.
6 Press **START**.

   TIP: You can preview the splits, elevation plot, and the map before you accept the PacePro plan.
7 Select **Accept Plan** to start the plan.
8 If necessary, select **Yes** to enable course navigation.
9 Press **START** to start the activity timer.



①	Target split pace
②	Current split pace
③	Completion progress for the split
④	Distance remaining in the split
⑤	Overall time ahead of or behind your target time

TIP: You can hold **MENU**, and select **Stop PacePro** > **Yes** to stop the PacePro plan. The activity timer continues running.

Segments

You can send running or cycling segments from your Garmin Connect account to your device. After a segment is saved to your device, you can race a segment, trying to match or exceed your personal record or other participants who have raced the segment.

NOTE: When you download a course from your Garmin Connect account, you can download all of the available segments in the course.

Strava™ Segments

You can download Strava segments to your quatix device. Follow Strava segments to compare your performance with your past rides, friends, and pros who have ridden the same segment.

To sign up for a Strava membership, go to the segments menu in your Garmin Connect account. For more information, go to www.strava.com.

The information in this manual applies to both Garmin Connect segments and Strava segments.

Viewing Segment Details

1 From the watch face, press **START**.
2 Select an activity.
3 Hold **MENU**.
4 Select **Training** > **Segments**.
5 Select a segment.
6 Select an option:
   - Select **Race Times** to view the time and average speed or pace for the segment leader.
   - Select **Map** to view the segment on the map.
   - Select **Elevation Plot** to view an elevation plot of the segment.

Racing a Segment

Segments are virtual race courses. You can race a segment, and compare your performance to past activities, others' performance, connections in your Garmin Connect account, or other members of the running or cycling communities. You can upload your activity data to your Garmin Connect account to view your segment position.

NOTE: If your Garmin Connect account and Strava account are linked, your activity is automatically sent to your Strava account so you can review the segment position.

1 From the watch face, press **START**.
2 Select an activity.
3 Go for a run or ride.

   When you approach a segment, a message appears, and you can race the segment.
4 Start racing the segment.

A message appears when the segment is complete.

Setting a Segment to Adjust Automatically

You can set your device to automatically adjust the target race time of a segment based on your performance during the segment.

NOTE: This setting is enabled for all segments by default.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Segments** > **Auto Effort**.

Using Virtual Partner

Your Virtual Partner is a training tool designed to help you meet your goals. You can set a pace for the Virtual Partner and race against it.

NOTE: This feature is not available for all activities.

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.
4. Select the activity settings.
5. Select **Data Screens** > **Add New** > **Virtual Partner**.
6. Enter a pace or speed value.
7. Press **UP** or **DOWN** to change the location of the Virtual Partner screen (optional).
8. Start your activity (*Starting an Activity, page 6*).
9. Press **UP** or **DOWN** to scroll to the Virtual Partner screen and see who is leading.

Setting a Training Target

The training target feature works with the Virtual Partner feature so you can train toward a set distance, distance and time, distance and pace, or distance and speed goal. During your training activity, the watch gives you real-time feedback about how close you are to achieving your training target.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Set a Target**.
5. Select an option:
   - Select **Distance Only** to select a preset distance or enter a custom distance.
   - Select **Distance** and Time to select a distance and time target.
   - Select **Distance** and Pace or Distance and Speed to select a distance and pace or speed target.

   The training target screen appears and displays your estimated finish time. The estimated finish time is based on your current performance and the time remaining.
6. Press **START** to start the activity timer.

   TIP: You can hold **MENU**, and select **Cancel Target** > **Yes** to cancel the training target.

Racing a Previous Activity

You can race a previously recorded or downloaded activity. This feature works with the Virtual Partner feature so you can see how far ahead or behind you are during the activity.

NOTE: This feature is not available for all activities.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Training** > **Race an Activity**.
5. Select an option:
   - Select **From History** to select a previously recorded activity from your device.
   - Select **Downloaded** to select an activity you downloaded from your Garmin Connect account.
6. Select the activity.

   The Virtual Partner screen appears indicating your estimated finish time.
7. Press **START** to start the activity timer.
8. After you complete your activity, press **STOP**, and select **Save**.

History

History includes time, distance, calories, average pace or speed, lap data, and optional sensor information.

NOTE: When the device memory is full, your oldest data is overwritten.

Using History

History contains previous activities you have saved on your watch.

The watch has a history glance for quick access to your activity data (*Glances, page 25*).

1. From the watch face, hold **MENU**.
2. Select **History** > **Activities**.
3. Select an activity.
4. Press **START**.
5. Select an option:
   - To view additional information about the activity, select **All Stats**.
   - To view the impact of the activity on your aerobic and anaerobic fitness, select **Training Effect** (*About Training Effect, page 32*).
   - To view your time in each heart rate zone, select **Heart Rate** (*Viewing Your Time in Each Heart Rate Zone, page 24*).
   - To select a lap and view additional information about each lap, select **Laps**.
   - To select a ski or snowboard run and view additional information about each run, select **Runs**.
   - To select an exercise set and view additional information about each set, select **Sets**.

- To view the activity on a map, select **Map**.
- To view an elevation plot for the activity, select **Elevation Plot**.
- To delete the selected activity, select **Delete**.

Multisport History

Your device stores the overall multisport summary of the activity, including overall distance, time, calories, and optional accessory data. Your device also separates the activity data for each sport segment and transition so you can compare similar training activities and track how quickly you move through the transitions. Transition history includes distance, time, average speed, and calories.

Viewing Your Time in Each Heart Rate Zone

Viewing your time in each heart rate zone can help you adjust your training intensity.

1. From the watch face, hold **MENU**.
2. Select **History** > **Activities**.
3. Select an activity.
4. Select **Heart Rate**.

Personal Records

When you complete an activity, the device displays any new personal records you achieved during that activity. Personal records include your fastest time over several typical race distances and longest run, ride, or swim.

NOTE: For cycling, personal records also include most ascent and best power (power meter required).

Viewing Your Personal Records

1. From the watch face, hold **MENU**.
2. Select **History** > **Records**.
3. Select a sport.
4. Select a record.
5. Select **View Record**.

Restoring a Personal Record

You can set each personal record back to the one previously recorded.

1. From the watch face, hold **MENU**.
2. Select **History** > **Records**.
3. Select a sport.
4. Select a record to restore.
5. Select **Previous** > **Yes**.

   NOTE: This does not delete any saved activities.

Clearing Personal Records

1. From the watch face, hold **MENU**.
2. Select **History** > **Records**.
3. Select a sport.
4. Select an option:
   - To delete one record, select a record, and select **Clear Record** > **Yes**.
   - To delete all records for the sport, select **Clear All Records** > **Yes**.

   NOTE: This does not delete any saved activities.

Viewing Data Totals

You can view the accumulated distance and time data saved to your watch.

1. From the watch face, hold **MENU**.
2. Select **History** > **Totals**.
3. Select an activity.
4. Select an option to view weekly or monthly totals.

Using the Odometer

The odometer automatically records the total distance traveled, elevation gained, and time in activities.

1. From the watch face, hold **MENU**.
2. Select **History** > **Totals** > **Odometer**.
3. Press **UP** or **DOWN** to view odometer totals.

Deleting History

1. From the watch face, hold **MENU**.
2. Select **History** > **Options**.
3. Select an option:
   - Select **Delete All Activities** to delete all activities from the history.
   - Select **Reset Totals** to reset all distance and time totals.

   NOTE: This does not delete any saved activities.

Appearance

You can customize the appearance of the watch face and the quick access features in the glance loop and controls menu.

Watch Face Settings

You can customize the appearance of the watch face by selecting the layout, colors, and additional data. You can also download custom watch faces from the Connect IQ store.

Customizing the Watch Face

Before you can activate a Connect IQ watch face, you must install a watch face from the Connect IQ store (*Connect IQ Features, page 47*).

You can customize the watch face information and appearance, or activate an installed Connect IQ watch face.

1. From the watch face, hold **MENU**.
2. Select **Watch Face**.
3. Press **UP** or **DOWN** to preview the watch face options.
4. Select **Add New** to create a custom digital or analog watch face.

5 Press **START**.

6 Select an option:
- To activate the watch face, select **Apply**.
- To change the style of the numbers for the analog watch face, select **Dial**.
- To change the style of the hands for the analog watch face, select **Hands**.
- To change the style of the numbers for the digital watch face, select **Layout**.
- To change the style of the seconds for the digital watch face, select **Seconds**.
- To change the data that appears on the watch face, select **Data**.
- To add or change an accent color for the watch face, select **Accent Color**.
- To change the color of the data that appears on the watch face, select **Data Color**.
- To remove the watch face, select **Delete**.

Glances

Your watch comes preloaded with glances that provide quick information (*Viewing the Glance Loop, page 26*). Some glances require a Bluetooth® connection to a compatible phone.

Some glances are not visible by default. You can add them to the glance loop manually (*Customizing the Glance Loop, page 26*).

Name	Description
ABC	Displays combined altimeter, barometer, and compass information.
Alternate time zones	Displays the current time of day in additional time zones (*Adding Alternate Time Zones, page 2*).
Altitude acclima tion	At altitudes above 800 m (2625 ft.), displays graphs showing altitude-corrected values for your average pulse oximeter reading, respiration rate, and resting heart rate for the last seven days.
Altimeter	Displays the approximate elevation based on pressure changes.
Barometer	Displays the environmental pressure data based on elevation.
Body Battery	With all day wear, displays your current Body Battery level and a graph of your level for the last several hours (*Body Battery, page 26*).
Calendar	Displays upcoming meetings from your phone calendar.
Calories	Displays your calorie information for the current day.
Compass	Displays an electronic compass.
Device usage	Displays the current software version and device usage statistics.
Dog tracking	Displays your dog's location information when you have a compatible dog tracking device paired with your fēnix watch.
Floors climbed	Tracks your floors climbed and progress toward your goal.
Garmin coach	Displays scheduled workouts when you select a Garmin coach adaptive training plan in your Garmin Connect account. The plan adjusts to your current level of fitness, coaching and schedule preferences, and race date.
Golf	Displays golf scores and statistics for your last round.
Health Snapshot	Starts a Health Snapshot activity on your watch that records several key health metrics while you hold still for two minutes. It provides a glimpse of your overall cardiovascular status. The watch records metrics such as your average heart rate, stress level, and respiration rate. You can view summaries of your saved Health Snapshot activities.
Heart rate	Displays your current heart rate in beats per minute (bpm) and a graph of your average resting heart rate (RHR).
History	Displays your activity history and a graph of your recorded activities.
Intensity minutes	Tracks your time spent participating in moderate to vigorous activities, your weekly intensity minutes goal, and progress toward your goal.
inReach® controls	Allows you to send messages on your paired inReach device (*Using the inReach Remote, page 40*).
Last activity	Displays a brief summary of your last recorded activity.
Last ride Last run Last swim	Displays a brief summary of your last recorded activity and history of the specified sport.
Music controls	Provides music player controls for your phone or watch music.
Notifications	Alerts you to incoming calls, texts, social network updates, and more, based on your phone notification settings (*Enabling Bluetooth Notifications, page 44*).
Performance	Displays performance measurements that help you track and understand your training activities and race performances (*Performance Measurements, page 26*).

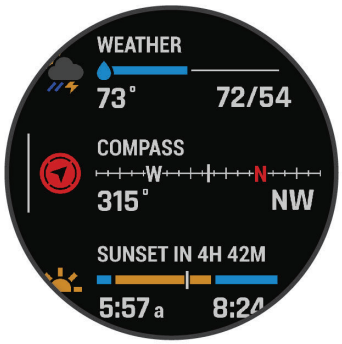
Name	Description
Pulse oximeter	Allows you to take a manual pulse oximeter reading (*Getting Pulse Oximeter Readings, page 36*). If you are too active for the watch to determine your pulse oximeter reading, the measurements are not recorded.
Respiration	Your current respiration rate in breaths per minute and seven-day average. You can do a breathing activity to help you relax.
Sleep	Displays total sleep time, a sleep score, and sleep stage information for the previous night.
Steps	Tracks your daily step count, step goal, and data for previous days.
Stress	Displays your current stress level and a graph of your stress level. You can do a breathing activity to help you relax. If you are too active for the watch to determine your stress level, stress measurements are not recorded.
Sunrise and sunset	Displays sunrise, sunset, and civil twilight times.
Temperature	Displays temperature data from the internal temperature sensor.
Training status	Displays your current training status and training load, which shows you how your training affects your fitness level and performance (*Training Status, page 30*).
VIRB® controls	Provides camera controls when you have a VIRB device paired with your fēnix watch (*VIRB Remote, page 40*).
Weather	Displays the current temperature and weather forecast.
Xero® device	Displays laser location information when you have a compatible Xero device paired with your fēnix watch (*Xero Laser Location Settings, page 41*).

Viewing the Glance Loop

Glances provide quick access to health data, activity information, built-in sensors, and more. When you pair your watch, you can view data from your phone, such as notifications, weather, and calendar events.

1. Press **UP** or **DOWN**.

   The watch scrolls through the glance loop and displays summary data for each glance.



   TIP: You can also swipe to scroll or tap to select options.

2. Press **START** to view more information.
3. Select an option:
   - Press **DOWN** to view details about a glance.
   - Press **START** to view additional options and functions for a glance.

Customizing the Glance Loop

You can change the order of the glances in the loop, remove glances, and add new glances.

1. Hold **MENU**.
2. Select **Appearance** > **Glances**.
3. Select an option:
   - Select a glance, and press **UP** or **DOWN** to change the location of the glance in the loop.
   - Select a glance, and select to remove the glance from the loop.
   - Select **Add**, and select a glance to add it to the loop.

Body Battery

Your watch analyzes your heart rate variability, stress level, sleep quality, and activity data to determine your overall Body Battery level. Like a gas gauge on a car, it indicates your amount of available reserve energy. The Body Battery level range is from 0 to 100, where 0 to 25 is low reserve energy, 26 to 50 is medium reserve energy, 51 to 75 is high reserve energy, and 76 to 100 is very high reserve energy.

You can sync your watch with your Garmin Connect account to view your most up-to-date Body Battery level, long-term trends, and additional details (*Tips for Improved Body Battery Data, page 26*).

Tips for Improved Body Battery Data

- For more accurate results, wear the watch while sleeping.
- Good sleep charges your Body Battery.
- Strenuous activity and high stress can cause your Body Battery to drain more quickly.
- Food intake, as well as stimulants like caffeine, has no impact on your Body Battery.

Performance Measurements

These performance measurements are estimates

that can help you track and understand your training activities and race performances. The measurements require a few activities using wrist-based heart rate or a compatible chest heart rate monitor. Cycling performance measurements require a heart rate monitor and a power meter.

These estimates are provided and supported by Firstbeat Analytics. For more information, go to *Garmin.com.sg/minisite/runningscience*.

NOTE: The estimates may seem inaccurate at first. The watch requires you to complete a few activities to learn about your performance.

VO2 max.: VO2 max. is the maximum volume of oxygen (in milliliters) you can consume per minute per kilogram of body weight at your maximum performance (*About VO2 Max. Estimates, page 27*).

Predicted race times: Your watch uses the VO2 max. estimate and your training history to provide a target race time based on your current state of fitness (*Viewing Your Predicted Race Times, page 28*).

HRV stress test: The heart rate variability (HRV) stress test requires a Garmin chest heart rate monitor. The watch records your heart rate variability while standing still for 3 minutes. It provides your overall stress level. The scale is 1 to 100, and a lower score indicates a lower stress level (*Heart Rate Variability and Stress Level, page 28*).

Performance condition: Your performance condition is a real-time assessment after 6 to 20 minutes of activity. It can be added as a data field so you can view your performance condition during the rest of your activity. It compares your real-time condition to your average fitness level (*Performance Condition, page 28*).

Functional threshold power (FTP): The watch uses your user profile information from the initial setup to estimate your FTP. For a more accurate rating, you can conduct a guided test (*Getting Your FTP Estimate, page 29*).

Lactate threshold: Lactate threshold requires a chest heart rate monitor. Lactate threshold is the point where your muscles start to rapidly fatigue. Your watch measures your lactate threshold level using heart rate data and pace (*Getting Your FTP Estimate, page 29*).

Stamina: The watch uses your VO2 max. estimate and heart rate data to provide real-time stamina estimates. It can be added as a data screen so you can view your potential and remaining stamina during your activity (*Viewing Your Real-Time Stamina, page 30*).

About VO2 Max. Estimates

VO2 max. is the maximum volume of oxygen (in milliliters) you can consume per minute per kilogram of body weight at your maximum performance. In simple terms, VO2 max. is an indication of athletic performance and should increase as your level of fitness improves. The quatix device requires wrist-based heart rate or a compatible chest heart rate monitor to display your VO2 max. estimate. The device has separate VO2 max. estimates for running and cycling. You must run either outside with GPS or ride with a compatible power meter at a moderate level of intensity for several minutes to get an accurate VO2 max. estimate.

On the device, your VO2 max. estimate appears as a number, description, and position on the color gauge. On your Garmin Connect account, you can view additional details about your VO2 max. estimate, such as where it ranks for your age and gender.



Purple	Superior
Blue	Excellent
Green	Good
Orange	Fair
Red	Poor

VO2 max. data is provided by Firstbeat Analytics. VO2 max. analysis is provided with permission from The Cooper Institute®. For more information, see the appendix (*VO2 Max. Standard Ratings, page 69*), and go to *www.CooperInstitute.org*.

Getting Your VO2 Max. Estimate for Running

This feature requires wrist-based heart rate or a compatible chest heart rate monitor. If you are using a chest heart rate monitor, you must put it on and pair it with your device (*Pairing Your Wireless Sensors, page 39*).

For the most accurate estimate, complete the user profile setup (*Setting Up Your User Profile, page 48*), and set your maximum heart rate (*Setting Your Heart Rate Zones, page 48*). The estimate may seem inaccurate at first. The device requires a few runs to learn about your running performance. You can disable VO2 max. recording for ultra run and trail run

activities if you do not want those run types to affect your VO2 max. estimate (*Activities and App Settings, page 16*).

1. Run for at least 10 minutes outdoors.
2. After your run, select **Save**.
3. Select **UP** or **DOWN** to scroll through the performance measurements.

   TIP: You can select **START** to view additional information.

Getting Your VO2 Max. Estimate for Cycling

This feature requires a power meter and wrist-based heart rate or a compatible chest heart rate monitor. The power meter must be paired with your quatix device (*Pairing Your Wireless Sensors, page 39*). If you are using a chest heart rate monitor, you must put it on and pair it with your device.

For the most accurate estimate, complete the user profile setup (*Setting Up Your User Profile, page 48*) and set your maximum heart rate (*Setting Your Heart Rate Zones, page 48*). The estimate may seem inaccurate at first. The device requires a few rides to learn about your cycling performance.

1. Ride at a steady, high intensity for at least 20 minutes.
2. After your ride, select **Save**.
3. Select **UP** or **DOWN** to scroll through the performance measurements.

   TIP: You can select **START** to view additional information.

Viewing Your Predicted Race Times

For the most accurate estimate, complete the user profile setup (*Setting Up Your User Profile, page 48*), and set your maximum heart rate (*Setting Your Heart Rate Zones, page 48*).

Your watch uses the VO2 max. estimate (*About VO2 Max. Estimates, page 27*) and your training history to provide a target race time. The watch analyzes several weeks of your training data to refine the race time estimates.

TIP: If you have more than one Garmin device, you can enable the Physio TrueUp feature, which allows your watch to sync activities, history, and data from other devices (*Syncing Activities and Performance Measurements, page 56*).

1. From the watch face, press **UP** or **DOWN** to view the performance glance.
2. Press **START** to view glance details.
3. Press **UP** or **DOWN** to view a predicted race time.



4. Press **START** to view predictions for other distances.

   NOTE: The predictions may seem inaccurate at first. The watch requires a few runs to learn about your running performance.

Heart Rate Variability and Stress Level

Stress level is the result of a three-minute test performed while standing still, where the quatix device analyzes heart rate variability to determine your overall stress. Training, sleep, nutrition, and general life stress all impact how a runner performs. The stress level range is from 1 to 100, where 1 is a very low stress state and 100 is a very high stress state. Knowing your stress level can help you decide if your body is ready for a tough training run or yoga.

Viewing Your Heart Rate Variability and Stress Level

This feature requires a Garmin chest heart rate monitor. Before you can view your heart rate variability (HRV) stress level, you must put on a heart rate monitor and pair it with your device (*Pairing Your Wireless Sensors, page 39*).

TIP: Garmin recommends that you measure your stress level at approximately the same time and under the same conditions every day.

1. If necessary, press **START**, and select **Add** > **HRV Stress** to add the stress app to the apps list.
2. Select **Yes** to add the app to your list of favorites.
3. From the watch face, press **START**, select **HRV Stress**, and press **START**.
4. Stand still, and rest for 3 minutes.

Performance Condition

As you complete your activity, such as running or cycling, the performance condition feature analyzes your pace, heart rate, and heart rate variability to make a real-time assessment of your ability to perform compared to your average fitness level. It is approximately your real-time percentage deviation from your baseline VO2 max. estimate.

Performance condition values range from -20 to +20. After the first 6 to 20 minutes of your activity, the device displays your performance condition score. For example, a score of +5 means that you are rested, fresh, and capable of a good run or ride. You can add performance condition as a data field to one of your

training screens to monitor your ability throughout the activity. Performance condition can also be an indicator of fatigue level, especially at the end of a long training run or ride.

NOTE: The device requires a few runs or rides with a heart rate monitor to get an accurate VO2 max. estimate and learn about your running or riding ability (*About VO2 Max. Estimates, page 27*).

Viewing Your Performance Condition

This feature requires wrist-based heart rate or a compatible chest heart rate monitor.

1. Add Performance Condition to a data screen (*Customizing the Data Screens, page 15*).
2. Go for a run or ride.

   After 6 to 20 minutes, your performance condition appears.
3. Scroll to the data screen to view your performance condition throughout the run or ride.

Getting Your FTP Estimate

Before you can get your functional threshold power (FTP) estimate, you must pair a chest heart rate monitor and power meter with your watch (*Pairing Your Wireless Sensors, page 39*), and you must get your VO2 max. estimate (*Getting Your VO2 Max. Estimate for Cycling, page 28*).

The watch uses your user profile information from the initial setup and your VO2 max. estimate to estimate your FTP. The watch will automatically detect your FTP during rides at a steady, high intensity with heart rate and power.

1. Press **UP** or **DOWN** to view the performance glance.
2. Press **START** to view glance details.
3. Press **UP** or **DOWN** to view your FTP estimate.

   Your FTP estimate appears as a value measured in watts per kilogram, your power output in watts, and a position on the color gauge.

Purple	Superior
Blue	Excellent
Green	Good
Orange	Fair
Red	Poor

For more information, see the appendix (*FTP Ratings, page 70*).

NOTE: When a performance notification alerts you to a new FTP, you can select **Accept** to save the new FTP, or Decline to keep your current FTP.

Conducting an FTP Test

Before you can conduct a test to determine your functional threshold power (FTP), you must pair a chest heart rate monitor and a power meter with your device (*Pairing Your Wireless Sensors, page 39*), and you must get your VO2 max. estimate (*Getting Your VO2 Max. Estimate for Cycling, page 28*).

NOTE: The FTP test is a challenging workout that takes about 30 minutes to complete. Choose a practical and mostly flat route that allows you to ride at a steadily increasing effort, similar to a time trial.

1. From the watch face, select **START**.
2. Select a cycling activity.
3. Hold **MENU**.
4. Select **Training** > **FTP Guided Test**.
5. Follow the on-screen instructions.

   After you begin your ride, the device displays each step duration, the target, and current power data. A message appears when the test is complete.
6. After you complete the guided test, complete the cool down, stop the timer, and save the activity.

   Your FTP appears as a value measured in watts per kilogram, your power output in watts, and a position on the color gauge.
7. Select an option:
   - Select **Accept** to save the new FTP.
   - Select **Decline** to keep your current FTP.

Lactate Threshold

Lactate threshold is the exercise intensity at which lactate (lactic acid) starts to accumulate in the bloodstream. In running, it is the estimated level of effort or pace. When a runner exceeds the threshold, fatigue starts to increase at an accelerating rate. For experienced runners, the threshold occurs at approximately 90% of their maximum heart rate and between 10k and half-marathon race pace. For average runners, the lactate threshold often occurs well below 90% of maximum heart rate. Knowing your lactate threshold can help you determine how hard to train or when to push yourself during a race.

If you already know your lactate threshold heart rate value, you can enter it in your user profile settings (*Setting Your Heart Rate Zones, page 48*). You can turn on the Auto Detection feature to automatically record your lactate threshold during an activity.

Performing a Guided Test to Determine Your Lactate Threshold

This feature requires a Garmin chest heart rate monitor. Before you can perform the guided test, you must put on a heart rate monitor and pair it with your device (*Pairing Your Wireless Sensors, page 39*).

The device uses your user profile information from the initial setup and your VO2 max. estimate to estimate your lactate threshold. The device will automatically detect your lactate threshold during runs at a steady,

high intensity with heart rate.

TIP: The device requires a few runs with a chest heart rate monitor to get an accurate maximum heart rate value and VO2 max. estimate. If you are having trouble getting a lactate threshold estimate, try manually lowering your maximum heart rate value.

1. From the watch face, select **START**.
2. Select an outdoor running activity.

   GPS is required to complete the test.
3. Hold **MENU**.
4. Select **Training** > **Lactate Threshold Guided Test**.
5. Start the timer, and follow the on-screen instructions.

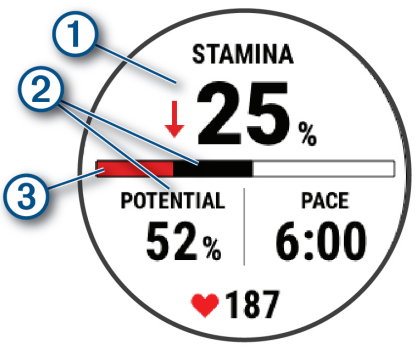
   After you begin your run, the device displays each step duration, the target, and current heart rate data. A message appears when the test is complete.
6. After you complete the guided test, stop the timer and save the activity.

   If this is your first lactate threshold estimate, the device prompts you to update your heart rate zones based on your lactate threshold heart rate. For each additional lactate threshold estimate, the device prompts you to accept or decline the estimate.

Viewing Your Real-Time Stamina

Your watch can provide real-time stamina estimates based on your heart rate data and VO2 max. estimate (*About VO2 Max. Estimates, page 27*).

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select a run or bike activity.
4. Select the activity settings.
5. Select **Data Screens** > **Add New** > **Stamina**.
6. Press **UP** or **DOWN** to change the location of the data screen (optional).
7. Press **START** to edit the primary stamina data field (optional).
8. Start your activity (*Starting an Activity, page 6*).
9. Press **UP** or **DOWN** to scroll to the data screen.



①	Primary stamina data field. Shows your current stamina percentage, distance remaining, or time remaining.
②	Potential stamina.
③	Actual stamina. Red: Stamina is depleting. Orange: Stamina is steady. Green: Stamina is recharging.

Training Status

These measurements are estimates that can help you track and understand your training activities. The measurements require a few activities using wrist-based heart rate or a compatible chest heart rate monitor. Cycling performance measurements require a heart rate monitor and a power meter.

These estimates are provided and supported by Firstbeat Analytics. For more information, go to *Garmin.com.sg/minisite/runningscience*.



NOTE: The estimates may seem inaccurate at first. The watch requires you to complete a few activities to learn about your performance.

Training status: Training status shows you how your training affects your fitness and performance. Your training status is based on changes to your training load and VO2 max. over an extended time period.

VO2 max.: VO2 max. is the maximum volume of oxygen (in milliliters) you can consume per minute per kilogram of body weight at your maximum performance (*About VO2 Max. Estimates, page 27*). Your watch displays heat and altitude corrected VO2 max. values when you are acclimating to high heat environments or high altitude (*Heat and Altitude Performance Acclimation, page 31*).

Training load: Training load is the sum of your excess post-exercise oxygen consumption (EPOC) over the last 7 days. EPOC is an estimate of how much energy it takes for your body to recover after exercise (*Training Load, page 31*).

Training load focus: Your watch analyzes and

distributes your training load into different categories based on the intensity and structure of each activity recorded. Training load focus includes the total load accumulated per category, and the focus of the training. Your watch displays your load distribution over the last 4 weeks (*Training Load Focus, page 31*).

Recovery time: The recovery time displays how much time remains before you are fully recovered and ready for the next hard workout (*Recovery Time, page 32*).

Training Status Levels

Training status shows you how your training affects your fitness level and performance. Your training status is based on changes to your training load and VO2 max. over an extended time period. You can use your training status to help plan future training and continue improving your fitness level.

Peaking: Peaking means that you are in ideal race condition. Your recently reduced training load is allowing your body to recover and fully compensate for earlier training. You should plan ahead, since this peak state can only be maintained for a short time.

Productive: Your current training load is moving your fitness level and performance in the right direction. You should plan recovery periods into your training to maintain your fitness level.

Maintaining: Your current training load is enough to maintain your fitness level. To see improvement, try adding more variety to your workouts or increasing your training volume.

Recovery: Your lighter training load is allowing your body to recover, which is essential during extended periods of hard training. You can return to a higher training load when you feel ready.

Unproductive: Your training load is at a good level, but your fitness is decreasing. Your body may be struggling to recover, so you should pay attention to your overall health including stress, nutrition, and rest.

Detraining: Detraining occurs when you are training much less than usual for a week or more, and it is affecting your fitness level. You can try increasing your training load to see improvement.

Overreaching: Your training load is very high and counterproductive. Your body needs a rest. You should give yourself time to recover by adding lighter training to your schedule.

No Status: The device needs one or two weeks of training history, including activities with VO2 max. results from running or cycling, to determine your training status.

Tips for Getting Your Training Status

The training status feature depends on updated assessments of your fitness level, including at least two VO2 max. measurements per week. Your VO2 max. estimate is updated after outdoor runs or rides with power during which your heart rate reached at least 70% of your maximum heart rate for several minutes. Indoor run activities do not generate a VO2 max. estimate in order to preserve the accuracy of your fitness level trend. You can disable VO2 max. recording for ultra run and trail run activities if you do not want those run types to affect your VO2 max. estimate (*Activities and App Settings, page 16*).

To get the most out of the training status feature, you can try these tips.

- At least two times per week, run or ride outdoors with a power meter, and reach a heart rate higher than 70% of your maximum heart rate for at least 10 minutes.

  After using the device for one week, your training status should be available.
- Record all of your fitness activities on this device, or enable the Physio TrueUp feature, allowing your device to learn about your performance (*Syncing Activities and Performance Measurements, page 56*).

Heat and Altitude Performance Acclimation

Environmental factors such as high temperature and altitude impact your training and performance. For example, high altitude training can have a positive impact on your fitness, but you may notice a temporary VO2 max. decline while exposed to high altitudes. Your quatix watch provides acclimation notifications and corrections to your VO2 max. estimate and training status when the temperature is above 22ºC (72ºF) and when the altitude is above 800 m (2625 ft.). You can keep track of your heat and altitude acclimation in the training status glance.

NOTE: The heat acclimation feature is available only for GPS activities and requires weather data from your connected phone.

Training Load

Training load is a measurement of your training volume over the last seven days. It is the sum of your excess post-exercise oxygen consumption (EPOC) measurements for the last seven days. The gauge indicates whether your current load is low, high, or within the optimal range to maintain or improve your fitness level. The optimal range is determined based on your individual fitness level and training history. The range adjusts as your training time and intensity increase or decrease.

Training Load Focus

In order to maximize performance and fitness gains, training should be distributed across three categories: low aerobic, high aerobic, and anaerobic. Training load focus shows you how much of your training is currently in each category and provides training targets. Training load focus requires at least 7 days

of training to determine if your training load is low, optimal, or high. After 4 weeks of training history, your training load estimate will have more detailed target information to help you balance your training activities.

Below targets: Your training load is lower than optimal in all intensity categories. Try increasing the duration or frequency of your workouts.

Low aerobic shortage: Try adding more low aerobic activities to provide recovery and balance for your higher intensity activities.

High aerobic shortage: Try adding more high aerobic activities to help improve your lactate threshold and VO2 max. over time.

Anaerobic shortage: Try adding a few more intense, anaerobic activities to improve your speed and anaerobic capacity over time.

Balanced: Your training load is balanced and provides all-around fitness benefits as you continue training.

Low aerobic focus: Your training load is mostly low aerobic activity. This provides a solid foundation and prepares you for adding more intense workouts.

High aerobic focus: Your training load is mostly high aerobic activity. These activities help to improve lactate threshold, VO2 max., and endurance.

Anaerobic focus: Your training load is mostly intense activity. This leads to rapid fitness gains, but should be balanced with low aerobic activities.

Above targets: Your training load is higher than optimal, and you should consider scaling back the duration and frequency of your workouts.

About Training Effect

Training Effect measures the impact of an activity on your aerobic and anaerobic fitness. Training Effect accumulates during the activity. As the activity progresses, the Training Effect value increases. Training Effect is determined by your user profile information and training history, and heart rate, duration, and intensity of your activity. There are seven different Training Effect labels to describe the primary benefit of your activity. Each label is color coded and corresponds to your training load focus (*Training Load Focus, page 31*). Each feedback phrase, for example, "Highly Impacting VO2 Max." has a corresponding description in your Garmin Connect activity details.

Aerobic Training Effect uses your heart rate to measure how the accumulated intensity of an exercise affects your aerobic fitness and indicates if the workout had a maintaining or improving effect on your fitness level. Your excess post-exercise oxygen consumption (EPOC) accumulated during exercise is mapped to a range of values that account for your fitness level and training habits. Steady workouts at moderate effort or workouts involving longer intervals (>180 sec) have a positive impact on your aerobic metabolism and result in an improved aerobic Training Effect.

Anaerobic Training Effect uses heart rate and speed (or power) to determine how a workout affects your ability to perform at very high intensity. You receive a value based on the anaerobic contribution to EPOC and the type of activity. Repeated high-intensity intervals of 10 to 120 seconds have a highly beneficial impact on your anaerobic capability and result in an improved anaerobic Training Effect.

You can add Aerobic Training Effect and Anaerobic Training Effect as data fields to one of your training screens to monitor your numbers throughout the activity.

Training Effect	Aerobic Benefit	Anaerobic Benefit
From 0.0 to 0.9	No benefit.	No benefit.
From 1.0 to 1.9	Minor benefit.	Minor benefit.
From 2.0 to 2.9	Maintains your aerobic fitness.	Maintains your anaerobic fitness.
From 3.0 to 3.9	Impacts your aerobic fitness.	Impacts your anaerobic fitness.
From 4.0 to 4.9	Highly impacts your aerobic fitness.	Highly impacts your anaerobic fitness.
5.0	Overreaching and potentially harmful without enough recovery time.	Overreaching and potentially harmful without enough recovery time.

Training Effect technology is provided and supported by Firstbeat Technologies Ltd. For more information, go to *www.firstbeat.com*.

Recovery Time

You can use your Garmin device with wrist-based heart rate or a compatible chest heart rate monitor to display how much time remains before you are fully recovered and ready for the next hard workout.

NOTE: The recovery time recommendation uses your VO2 max. estimate and may seem inaccurate at first. The device requires you to complete a few activities to learn about your performance.

The recovery time appears immediately following an activity. The time counts down until it is optimal for you to attempt another hard workout. The device updates your recovery time throughout the day based on changes in sleep, stress, relaxation, and physical activity.

Recovery Heart Rate

If you are training with wrist-based heart rate or a compatible chest heart rate monitor, you can check your recovery heart rate value after each activity. Recovery heart rate is the difference between your exercising heart rate and your heart rate two minutes

after the exercise has stopped. For example, after a typical training run, you stop the timer. Your heart rate is 140 bpm. After two minutes of no activity or cool down, your heart rate is 90 bpm. Your recovery heart rate is 50 bpm (140 minus 90). Some studies have linked recovery heart rate to cardiac health. Higher numbers generally indicate healthier hearts.

TIP: For best results, you should stop moving for two minutes while the device calculates your recovery heart rate value.

Pausing and Resuming Your Training Status

If you are injured or sick, you can pause your training status. You can continue to record fitness activities, but your training status, training load focus, recovery feedback, and workout recommendations are temporarily disabled.

You can resume your training status when you are ready to start training again. For best results, you need at least two VO2 max. measurements each week (*About VO2 Max. Estimates, page 27*).

1. When you want to pause your training status, select an option:
   - From the training status glance, hold **MENU**, and select **Options** > **Pause Training Status**.
   - From your Garmin Connect settings, select **Performance Stats** > **Training Status** > ⋮ > **Pause Training Status**.
2. Sync your watch with your Garmin Connect account.
3. When you want to resume your training status, select an option:
   - From the training status glance, hold **MENU**, and select **Options** > **Resume Training Status**.
   - From your Garmin Connect settings, select **Performance Stats** > **Training Status** > ⋮ > **Resume Training Status**.
4. Sync your watch with your Garmin Connect account.

Controls

The controls menu lets you quickly access watch features and options. You can add, reorder, and remove the options in the controls menu (*Customizing the Controls Menu, page 34*).

1. From any screen, hold **LIGHT**.



Icon	Name	Description
	Alarm Clock	Select to add or edit an alarm (*Setting an Alarm, page 1*).
	Altimeter	Select to open the altimeter screen.
	Alt. Time Zones	Select to view the current time of day in additional time zones (*Adding Alternate Time Zones, page 2*).
	Assistance	Select to send an assistance request (*Requesting Assistance, page 50*).
	Barometer	Select to open the barometer screen.
	Battery Saver	Select to enable or disable the battery saver feature (*Customizing the Battery Saver Feature, page 54*).
	Brightness	Select to adjust the screen brightness (*Changing the Screen Settings, page 56*).
	Broadcast Heart Rate	Select to turn on heart rate broadcasting to a paired device (*Broadcasting Heart Rate Data, page 36*).
	Clocks	Select to open the Clocks app to set an alarm, timer, stopwatch, or view alternate time zones (*Clocks, page 1*).
	Compass	Select to open the compass screen.
	Display	Turns off the screen for alerts, gestures, and Always On Display mode (*Changing the Screen Settings, page 56*).
	Do Not Disturb	Select to enable or disable do not disturb mode to dim the screen and disable alerts and notifications. For example, you can use this mode while watching a movie.
	Find My Phone	Select to play an audible alert on your paired phone, if it is within Bluetooth range. The Bluetooth signal strength appears on the fēnix watch screen, and it increases as you move closer to your phone.
	Flashlight	Select to turn on the screen to use your watch as a flashlight.
	Lock Device	Select to lock the buttons and the touchscreen to prevent inadvertent presses and swipes.

Icon	Name	Description
	Music Controls	Select to control music playback on your watch or phone.
	Phone	Select to enable or disable Bluetooth technology and your connection to your paired phone.
	Power Off	Select to turn off the watch.
	Save Location	Select to save your current location to navigate back to it later.
	Sleep Mode	Select to enable or disable Sleep Mode (*Customizing Sleep Mode, page 56*).
	Stopwatch	Select to start the stopwatch (*Using the Stopwatch, page 2*).
	Sync	Select to sync your watch with your paired phone.
	Timers	Select to set a countdown timer (*Starting the Countdown Timer, page 2*).
	Time Sync	Select to sync your watch with the time on your phone or using satellites.
	Touch	Select to enable or disable touchscreen controls.
	Wallet	Select to open your Garmin Pay wallet and pay for purchases with your watch (*Garmin Pay, page 34*).
	Wi-Fi	Select to enable or disable Wi-Fi® communications.

Customizing the Controls Menu

You can add, remove, and change the order of the shortcut menu options in the controls menu (*Controls, page 33*).

1. Hold **MENU**.
2. Select **Controls**.
3. Select a shortcut to customize.
4. Select an option:
   - Select **Reorder** to change the location of the shortcut in the controls menu.
   - Select **Remove** to remove the shortcut from the controls menu.
5. If necessary, select **Add New** to add an additional shortcut to the controls menu.

Using the Flashlight Screen

Using the flashlight can reduce battery life. You can reduce the brightness to extend the life of the battery.

1. Hold **LIGHT**.
2. Select .
3. Press **UP** or **DOWN** to adjust the brightness and color.

   TIP: You can quickly press **LIGHT** twice to turn on the flashlight at this setting in the future.

Garmin Pay

The Garmin Pay feature allows you to use your watch to pay for purchases in participating stores using credit or debit cards from a participating financial institution.

Setting Up Your Garmin Pay Wallet

You can add one or more participating credit or debit cards to your Garmin Pay wallet. Go to *garmin.com/garminpay/banks* to find participating financial institutions.

1. From the Garmin Connect app, select or •••.
2. Select **Garmin Pay** > **Get Started**.
3. Follow the on-screen instructions.

Paying for a Purchase Using Your Watch

Before you can use your watch to pay for purchases, you must set up at least one payment card.

You can use your watch to pay for purchases in a participating store.

1. Hold **LIGHT**.
2. Select .
3. Enter your four-digit passcode.

   NOTE: If you enter your passcode incorrectly three times, your wallet locks, and you must reset your passcode in the Garmin Connect app.

   Your most recently used payment card appears.
4. If you have added multiple cards to your Garmin Pay wallet, swipe to change to another card (optional).
5. If you have added multiple cards to your Garmin Pay wallet, select **DOWN** to change to another card (optional).
6. Within 60 seconds, hold your watch near the payment reader, with the watch facing the reader.

   The watch vibrates and displays a check mark when it is finished communicating with the reader.
7. If necessary, follow the instructions on the card reader to complete the transaction.

TIP: After you successfully enter your passcode, you can make payments without a passcode for 24 hours while you continue to wear your watch. If you remove the watch from your wrist or disable heart rate monitoring, you must enter the passcode again before making a payment.

Adding a Card to Your Garmin Pay Wallet

You can add up to 10 credit or debit cards to your Garmin Pay wallet.

1. From the Garmin Connect app, select or •••.
2. Select **Garmin Pay** > > **Add Card**.

3 Follow the on-screen instructions.

After the card is added, you can select the card on your watch when you make a payment.

Managing Your Garmin Pay Cards

You can temporarily suspend or delete a card.

NOTE: In some countries, participating financial institutions may restrict the Garmin Pay features.

1 From the Garmin Connect app, select ☰ or •••.
2 Select **Garmin Pay**.
3 Select a card.
4 Select an option:
   - To temporarily suspend or unsuspend the card, select **Suspend Card**.
     The card must be active to make purchases using your quatix device.
   - To delete the card, select 🗑.

Changing Your Garmin Pay Passcode

You must know your current passcode to change it. If you forget your passcode, you must reset the Garmin Pay feature for your quatix watch, create a new passcode, and reenter your card information.

1 From the quatix device page in the Garmin Connect app, select **Garmin Pay** > **Change Passcode**.
2 Follow the on-screen instructions.

The next time you pay using your quatix watch, you must enter the new passcode.

Sensors and Accessories

The quatix watch has several internal sensors, and you can pair additional wireless sensors for your activities.

Wrist Heart Rate

Your watch has a wrist-based heart rate monitor, and you can view your heart rate data on the heart rate glance (*Viewing the Glance Loop, page 26*).

The watch is also compatible with chest heart rate monitors. If both wrist-based heart rate and chest heart rate data are available when you start an activity, your watch uses the chest heart rate data.

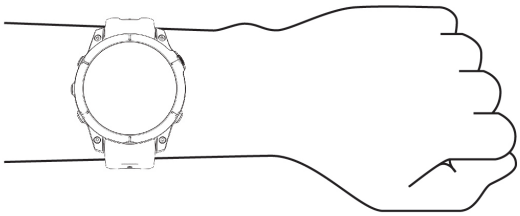
Wearing the Watch

⚠CAUTION

Some users may experience skin irritation after prolonged use of the watch, especially if the user has sensitive skin or allergies. If you notice any skin irritation, remove the watch and give your skin time to heal. To help prevent skin irritation, ensure the watch is clean and dry, and do not overtighten the watch on your wrist. For more information, go to *Garmin.com.sg/legal/fit-and-care*.

- Wear the watch above your wrist bone.

  NOTE: The watch should be snug but comfortable. For more accurate heart rate readings, the watch should not shift while running or exercising. For pulse oximeter readings, you should remain motionless.



  NOTE: The optical sensor is located on the back of the watch.
- See *Tips for Erratic Heart Rate Data, page 35* for more information about wrist-based heart rate.
- See *Tips for Erratic Pulse Oximeter Data, page 37* for more information about the pulse oximeter sensor.
- For more information about accuracy, go to *Garmin.com.sg/legal/atdisclaimer*.
- For more information about watch wear and care, go to *Garmin.com.sg/legal/fit-and-care*.

Tips for Erratic Heart Rate Data

If the heart rate data is erratic or does not appear, you can try these tips.

- Clean and dry your arm before putting on the watch.
- Avoid wearing sunscreen, lotion, and insect repellent under the watch.
- Avoid scratching the heart rate sensor on the back of the watch.
- Wear the watch above your wrist bone. The watch should be snug but comfortable.
- Wait until the ♥ icon is solid before starting your activity.
- Warm up for 5 to 10 minutes and get a heart rate reading before starting your activity.

  NOTE: In cold environments, warm up indoors.
- Rinse the watch with fresh water after each workout.
- While exercising, use a silicone band.

Wrist Heart Rate Monitor Settings

Hold **MENU**, and select **Sensors & Accessories** > **Wrist Heart Rate**.

Status: Enables or disables the wrist heart rate monitor. The default value is Auto, which automatically uses the wrist heart rate monitor unless you pair an external heart rate monitor.

NOTE: Disabling the wrist heart rate monitor also disables the wrist-based pulse oximeter sensor. You can perform a manual reading from the pulse oximeter glance.

While Swimming: Enables or disables the wrist heart

rate monitor during swimming activities.

Abnormal Heart Rate Alerts: Allows you to set the watch to alert you when your heart rate exceeds or drops below a target value (*Setting an Abnormal Heart Rate Alert, page 36*).

Broadcast Heart Rate: Allows you to begin broadcasting your heart rate data to a paired device (*Broadcasting Heart Rate Data, page 36*).

Setting an Abnormal Heart Rate Alert

⚠CAUTION

This feature only alerts you when your heart rate exceeds or drops below a certain number of beats per minute, as selected by the user, after a period of inactivity. This feature does not notify you of any potential heart condition and is not intended to treat or diagnose any medical condition or disease. Always defer to your health care provider for any heart-related issues.

You can set the heart rate threshold value.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Wrist Heart Rate** > **Abnormal Heart Rate Alerts**.
3. Select **High Alert** or **Low Alert**.
4. Set the heart rate threshold value.

Each time your heart rate exceeds or drops below the threshold value, a message appears and the watch vibrates.

Broadcasting Heart Rate Data

You can broadcast your heart rate data from your watch and view it on paired devices. Broadcasting heart rate data decreases battery life.

TIP: You can customize the activity settings to broadcast your heart rate data automatically when you begin an activity (*Activities and App Settings, page 16*). For example, you can broadcast your heart rate data to an Edge® device while cycling.

1. Select an option:
   - Hold **MENU**, and select **Sensors & Accessories** > **Wrist Heart Rate** > **Broadcast Heart Rate**.
   - Hold **LIGHT** to open the controls menu, and select ❤.
     NOTE: You can add options to the controls menu (*Customizing the Controls Menu, page 34*).
2. Press **START**.
   The watch starts broadcasting your heart rate data.
3. Pair your watch with your compatible device.
   NOTE: The pairing instructions differ for each Garmin compatible device. See your owner's manual.
4. Press **STOP** to stop broadcasting your heart rate data.

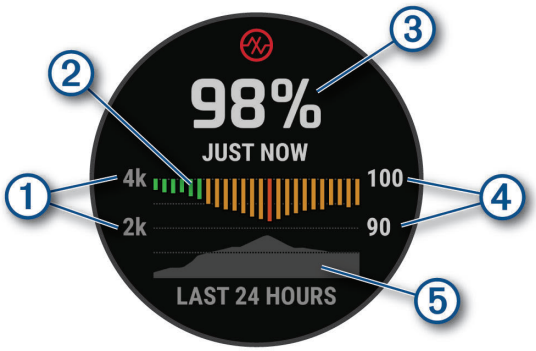
Pulse Oximeter

Your watch has a wrist-based pulse oximeter to gauge the peripheral saturation of oxygen in your blood. Knowing your oxygen saturation can help you determine how your body is acclimating to high altitudes for alpine sport and expedition.

You can manually begin a pulse oximeter reading by viewing the pulse oximeter glance (*Getting Pulse Oximeter Readings, page 36*). You can also turn on all-day readings (*Setting the Pulse Oximeter Mode, page 37*). When you remain motionless, your watch analyzes your oxygen saturation and your elevation. The elevation profile helps indicate how your pulse oximeter readings are changing, relative to your to elevation.

On the watch, your pulse oximeter reading appears as an oxygen saturation percentage and color on the graph. On your Garmin Connect account, you can view additional details about your pulse oximeter readings, including trends over multiple days.

For more information about pulse oximeter accuracy, go to *Garmin.com.sg/legal/atdisclaimer*.



①	The elevation scale.
②	A graph of your average oxygen saturation readings for the last 24 hours.
③	Your most recent oxygen saturation reading.
④	The oxygen saturation percentage scale.
⑤	A graph of your elevation readings for the last 24 hours.

Getting Pulse Oximeter Readings

You can manually begin a pulse oximeter reading by viewing the pulse oximeter glance. The glance displays your most recent blood oxygen saturation percentage, a graph of your hourly average readings for the last 24 hours, and a graph of your elevation for the last 24 hours.

NOTE: The first time you view the pulse oximeter glance, the watch must acquire satellite signals to determine your elevation. You should go outside, and wait while the watch locates satellites.

1. While you are sitting or inactive, press **UP** or **DOWN** to view the pulse oximeter glance.

2. Press **START** to view glance details and begin a pulse oximeter reading.
3. Remain motionless for up to 30 seconds.

   NOTE: If you are too active for the watch to get a pulse oximeter reading, a message appears instead of a percentage. You can check again after several minutes of inactivity. For best results, hold the arm wearing the watch at heart level while the watch reads your blood oxygen saturation.
4. Press **DOWN** to view a graph of your pulse oximeter readings for the last seven days.

Setting the Pulse Oximeter Mode

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Pulse Oximeter** > **Pulse Ox Mode**.
3. Select an option:
   - To turn off automatic measurements, select **Manual Check**.
   - To turn on continuous measurements while you sleep, select **During Sleep**.
     NOTE: Unusual sleep positions can cause abnormally low sleep-time SpO2 readings.
   - To turn on measurements while you are inactive during the day, select **All Day**.
     NOTE: Turning on All Day mode decreases battery life.

Tips for Erratic Pulse Oximeter Data

If the pulse oximeter data is erratic or does not appear, you can try these tips.

- Remain motionless while the watch reads your blood oxygen saturation.
- Wear the watch above your wrist bone. The watch should be snug but comfortable.
- Hold the arm wearing the watch at heart level while the watch reads your blood oxygen saturation.
- Use a silicone or nylon band.
- Clean and dry your arm before putting on the watch.
- Avoid wearing sunscreen, lotion, and insect repellent under the watch.
- Avoid scratching the optical sensor on the back of the watch.
- Rinse the watch with fresh water after each workout.

Compass

The watch has a 3-axis compass with automatic calibration. The compass features and appearance change depending on your activity, whether GPS is enabled, and whether you are navigating to a destination. You can change the compass settings manually (*Compass Settings, page 37*). To open the compass settings quickly, you can press **START** from the compass glance.

Setting the Compass Heading

1. From the compass glance, press **START**.
2. Select **Lock Heading**.
3. Point the top of the watch toward your heading, and press **START**.

   When you deviate from the heading, the compass displays the direction from the heading and degree of deviation.

Compass Settings

Hold **MENU**, and select **Sensors & Accessories** > **Compass**.

Calibrate: Allows you to manually calibrate the compass sensor (*Calibrating the Compass Manually, page 37*).

Display: Sets the directional heading on the compass to letters, degrees, or milliradians.

North Ref.: Sets the north reference of the compass (*Setting the North Reference, page 37*).

Mode: Sets the compass to use electronic-sensor data only (On), a combination of GPS and electronic-sensor data when moving (Auto), or GPS data only (Off).

Calibrating the Compass Manually

NOTICE

Calibrate the electronic compass outdoors. To improve heading accuracy, do not stand near objects that influence magnetic fields, such as vehicles, buildings, and overhead power lines.

Your watch was already calibrated at the factory, and the watch uses automatic calibration by default. If you experience irregular compass behavior, for example, after moving long distances or after extreme temperature changes, you can manually calibrate the compass.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Compass** > **Calibrate** > **Start**.
3. Follow the on-screen instructions.

   TIP: Move your wrist in a small figure eight motion until a message appears.

Setting the North Reference

You can set the directional reference used in calculating heading information.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Compass** > **North Ref.**.
3. Select an option:
   - To set geographic north as the heading reference, select **True**.
   - To set the magnetic declination for your location automatically, select **Magnetic**.
   - To set grid north (000º) as the heading

reference, select **Grid**.
- To set the magnetic variation value manually, select **User**, enter the magnetic variance, and select **Done**.

Altimeter and Barometer

The watch contains an internal altimeter and barometer. The watch collects elevation and pressure data continuously, even in low-power mode. The altimeter displays your approximate elevation based on pressure changes. The barometer displays environmental pressure data based on the fixed elevation where the altimeter was most recently calibrated (*Altimeter Settings, page 38*). You can press **START** from the altimeter or barometer glances to open the altimeter or barometer settings quickly.

Altimeter Settings

Hold **MENU**, and select **Sensors & Accessories** > **Altimeter**.

Calibrate: Allows you to manually calibrate the altimeter sensor.

Auto Cal.: Allows the altimeter to self-calibrate each time you use satellite systems.

Sensor Mode: Sets the mode for the sensor. The Auto option uses both the altimeter and barometer according to your movement. You can use the Altimeter Only option when your activity involves changes in altitude, or the Barometer Only option when your activity does not involve changes in altitude.

Elevation: Sets the units of measure for elevation.

Calibrating the Barometric Altimeter

Your device was already calibrated at the factory, and the device uses automatic calibration at your GPS starting point by default. You can manually calibrate the barometric altimeter if you know the correct elevation.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Altimeter**.
3. Select an option:
   - To calibrate automatically from your GPS starting point, select **Auto Cal.**, and select an option.
   - To enter the current elevation manually, select **Calibrate** > **Yes**.
   - To enter the current elevation from the digital elevation model, select **Calibrate** > **Use DEM**.
   - To enter the current elevation from your GPS starting point, select **Calibrate** > **Use GPS**.

Barometer Settings

Hold **MENU**, and select **Sensors & Accessories** > **Barometer**.

Calibrate: Allows you to manually calibrate the barometer sensor.

Plot: Sets the time scale for the chart in the barometer glance.

Storm Alert: Sets the rate of barometric pressure change that triggers a storm alert.

Sensor Mode: Sets the mode for the sensor. The Auto option uses both the altimeter and barometer according to your movement. You can use the Altimeter Only option when your activity involves changes in altitude, or the Barometer Only option when your activity does not involve changes in altitude.

Pressure: Sets how the watch displays pressure data.

Calibrating the Barometer

Your device was already calibrated at the factory, and the device uses automatic calibration at your GPS starting point by default. You can manually calibrate the barometer if you know the correct elevation or the correct sea level pressure.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Barometer** > **Calibrate**.
3. Select an option:
   - To enter the current elevation and sea level pressure (optional), select **Yes**.
   - To calibrate automatically from the digital elevation model, select **Use DEM**.
   - To calibrate automatically from your GPS starting point, select **Use GPS**.

Wireless Sensors

Your watch can be paired and used with wireless ANT+ or Bluetooth sensors (*Pairing Your Wireless Sensors, page 39*). After the devices are paired, you can customize the optional data fields (*Customizing the Data Screens, page 15*). If your watch was packaged with a sensor, they are already paired.

For information about specific Garmin sensor compatibility, purchasing, or to view the owner's manual, go to *buy.garmin.com for that sensor*.

Sensor Type	Description
Club Sensors	You can use Approach CT10 golf club sensors to automatically track your golf shots, including location, distance, and club type.
DogTrack	Allows you to receive data from a compatible handheld dog tracking device.
Extended Display	You can use the Extended Display mode to display data screens from your fēnix watch on a compatible Edge device during a ride or triathlon.

Sensor Type	Description
External Heart Rate	You can use an external heart rate monitor, such as the HRM-Pro or HRM-Dual™, and view heart rate data during your activities. Some heart rate monitors can also store data or provide running dynamics information (*Running Dynamics, page 39*).
Foot Pod	You can use a foot pod to record pace and distance instead of using GPS when you are training indoors or when your GPS signal is weak.
Headphones	You can use Bluetooth headphones to listen to music loaded onto your fēnix watch (*Connecting Bluetooth Headphones, page 44*).
inReach	The inReach remote function allows you to control your inReach device using your fēnix watch (*Using the inReach Remote, page 40*).
Lights	You can use Varia™ smart bike lights to improve situational awareness.
Muscle O2	You can use a muscle oxygen sensor to view hemoglobin and muscle oxygen saturation data while you train.
Power	You can use a power meter, such as Rally™ and Vector™, to view your power data on your watch. You can adjust your power zones to match your goals and abilities (*Setting Your Power Zones, page 49*), or use range alerts to be notified when you reach a specified power zone (*Setting an Alert, page 18*).
Radar	You can use a Varia rearview bike radar to improve situational awareness and send alerts about approaching vehicles.
RD Pod	You can use a Running Dynamics Pod to record running dynamics data and view it on your watch (*Running Dynamics, page 39*).
Shifting	You can use electronic shifters to display shifting information during a ride. The fēnix watch displays current adjustment values when the sensor is in adjustment mode.
Shimano Di2	You can use Shimano® Di2™ electronic shifters to display shifting information during a ride. The fēnix watch displays current adjustment values when the sensor is in adjustment mode.
Smart Trainer	You can use your watch with an indoor bike smart trainer to simulate resistance while following a course, ride, or workout (*Using an ANT+ Indoor Trainer, page 10*).
Speed/ Cadence	You can attach speed or cadence sensors to your bike and view the data during your ride. If necessary, you can manually enter your wheel circumference (*Wheel Size and Circumference, page 70*).
Tempe	You can attach the tempe™ temperature sensor to a secure strap or loop where it is exposed to ambient air, so it provides a consistent source of accurate temperature data.
VIRB	The VIRB remote function allows you to control your VIRB action camera using your watch (*VIRB Remote, page 40*).
XERO Laser Locations	You can view and share laser location information from a Xero device (*Xero Laser Location Settings, page 41*).

Pairing Your Wireless Sensors

The first time you connect a wireless sensor to your watch using ANT+ or Bluetooth technology, you must pair the watch and sensor. If the sensor has both ANT+ and Bluetooth technology, Garmin recommends that you pair using ANT+ technology. After they are paired, the watch connects to the sensor automatically when you start an activity and the sensor is active and within range.

1. If you are pairing a heart rate monitor, put on the heart rate monitor.

   The heart rate monitor does not send or receive data until you put it on.
2. Bring the watch within 3 m (10 ft.) of the sensor.

   NOTE: Stay 10 m (33 ft.) away from other wireless sensors while pairing.
3. Hold **MENU**.
4. Select **Sensors & Accessories** > **Add New**.
5. Select an option:
   - Select **Search All Sensors**.
   - Select your sensor type.

   After the sensor is paired with your watch, the sensor status changes from Searching to Connected. Sensor data appears in the data screen loop or a custom data field. You can customize the optional data fields (*Customizing the Data Screens, page 15*).

Running Dynamics

You can use your compatible quatix device paired with the HRM-Pro accessory or other running dynamics accessory to provide real-time feedback about your running form.

The running dynamics accessory has an accelerometer that measures torso movement in order to calculate six running metrics.

Cadence: Cadence is the number of steps per minute. It displays the total steps (right and left combined).

Vertical oscillation: Vertical oscillation is your bounce while running. It displays the vertical motion of your torso, measured in centimeters.

Ground contact time: Ground contact time is the amount of time in each step that you spend on the ground while running. It is measured in milliseconds.

NOTE: Ground contact time and balance are not available while walking.

Ground contact time balance: Ground contact time balance displays the left/right balance of your ground contact time while running. It displays a percentage. For example, 53.2 with an arrow pointing left or right.

Stride length: Stride length is the length of your stride from one footfall to the next. It is measured in meters.

Vertical ratio: Vertical ratio is the ratio of vertical oscillation to stride length. It displays a percentage. A lower number typically indicates better running form.

Training with Running Dynamics

Before you can view running dynamics, you must put on a running dynamics accessory, such as the HRM-Pro accessory, and pair it with your device (*Pairing Your Wireless Sensors, page 39*).

1. Hold **MENU**.
2. Select **Activities & Apps**.
3. Select an activity.
4. Select the activity settings.
5. Select **Data Screens** > **Add New**.
6. Select a running dynamics data screen.

   NOTE: The running dynamics screens are not available for all activities.
7. Go for a run (*Starting an Activity, page 6*).
8. Select **UP** or **DOWN** to open a running dynamics screen to view your metrics.

Tips for Missing Running Dynamics Data

If running dynamics data does not appear, you can try these tips.

- Make sure you have a running dynamics accessory, such as the HRM-Pro accessory.
- Accessories with running dynamics have on the front of the module.
- Pair the running dynamics accessory with your quatix device again, according to the instructions.
- If you are using the HRM-Pro accessory, pair it with your quatix device using ANT+ technology, rather than Bluetooth technology.
- If the running dynamics data display shows only zeros, make sure the accessory is worn right-side up.

  NOTE: Ground contact time and balance appears only while running. It is not calculated while walking.

inReach Remote

The inReach remote function allows you to control your inReach device using your quatix device. Go to buy.garmin.com to purchase a compatible inReach device.

Using the inReach Remote

Before you can use the inReach remote function, you must add the inReach glance to the glance loop (*Customizing the Glance Loop, page 26*).

1. Turn on the inReach device.
2. On your quatix watch, press **UP** or **DOWN** from the watch face to view the inReach glance.
3. Press **START** to search for your inReach device.
4. Press **START** to pair your inReach device.
5. Press **START**, and select an option:
   - To send an SOS message, select **Initiate SOS**.
     NOTE: You should only use the SOS function in a real emergency situation.
   - To send a text message, select **Messages** > **New Message**, select the message contacts, and enter the message text or select a quick text option.
   - To send a preset message, select **Send Preset**, and select a message from the list.
   - To view the timer and distance traveled during an activity, select **Tracking**.

VIRB Remote

The VIRB remote function allows you to control your VIRB action camera using your device.

Controlling a VIRB Action Camera

Before you can use the VIRB remote function, you must enable the remote setting on your VIRB camera. See the VIRB Series Owner's Manual for more information.

1. Turn on your VIRB camera.
2. Pair your VIRB camera with your quatix watch (*Pairing Your Wireless Sensors, page 39*).

   The VIRB glance is automatically added to the glance loop.
3. Press **UP** or **DOWN** from the watch face to view the VIRB glance.
4. If necessary, wait while your watch connects to your camera.
5. Select an option:
   - To record video, select **Start Recording**.
   - The video counter appears on the quatix screen.
   - To take a photo while recording video, press **DOWN**.
   - To stop recording video, press **STOP**.
   - To take a photo, select **Take Photo**.

- To take multiple photos in burst mode, select **Take Burst**.
- To send the camera to sleep mode, select **Sleep Camera**.
- To wake the camera from sleep mode, select **Wake Camera**.
- To change video and photo settings, select **Settings**.

Controlling a VIRB Action Camera During an Activity

Before you can use the VIRB remote function, you must enable the remote setting on your VIRB camera. See the VIRB Series Owner's Manual for more information.

1. Turn on your VIRB camera.
2. Pair your VIRB camera with your quatix watch (*Pairing Your Wireless Sensors, page 39*).

   When the camera is paired, a VIRB data screen is automatically added to activities.
3. During an activity, press **UP** or **DOWN** to view the VIRB data screen.
4. If necessary, wait while your watch connects to your camera.
5. Hold **MENU**.
6. Select **VIRB**.
7. Select an option:
   - To control the camera using the activity timer, select **Settings** > **Recording Mode** > **Timer Start/Stop**.
     NOTE: Video recording automatically starts and stops when you start and stop an activity.
   - To control the camera using the menu options, select **Settings** > **Recording Mode** > **Manual**.
   - To manually record video, select **Start Recording**.
   - The video counter appears on the quatix screen.
   - To take a photo while recording video, press **DOWN**.
   - To manually stop recording video, press **STOP**.
   - To take multiple photos in burst mode, select **Take Burst**.
   - To send the camera to sleep mode, select **Sleep Camera**.
   - To wake the camera from sleep mode, select **Wake Camera**.

Xero Laser Location Settings

Before you can customize laser location settings, you must pair a compatible Xero device (*Pairing Your Wireless Sensors, page 39*).

Hold **MENU**, and select **Sensors & Accessories** > **XERO Laser Locations** > **Laser Locations**.

During Activity: Enables the display of laser location information from a compatible, paired Xero device during an activity.

Share Mode: Allows you to share laser location information publicly or broadcast it privately.

Map

Your device can display several types of Garmin map data, including topographical contours, nearby points of interest, ski resort maps, and golf courses. You can use the Map Manager to download additional maps or manage map storage.

To purchase additional map data and view compatibility information, go to *Garmin.com/en-SG/maps/updates/*.

▲ represents your location on the map. When you are navigating to a destination, your route is marked with a line on the map.

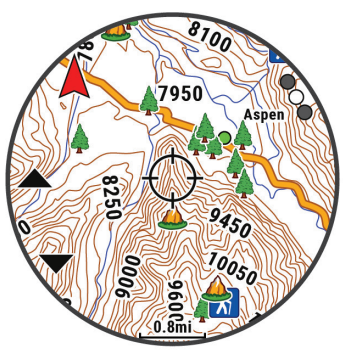
Viewing the Map

1. Go outside, and start a GPS activity (*Starting an Activity, page 6*).
2. Press **UP** or **DOWN** to scroll to the map screen.
3. Select an option to pan and zoom the map:
   - To use the touchscreen, tap the map, tap and drag to position the crosshairs, and press **UP** or **DOWN** to zoom in or out.
   - To use the buttons, hold **MENU**, select **Pan/Zoom**, and press **UP** or **DOWN** to zoom in or out.
     NOTE: You can press **START** to toggle between panning up and down, panning left and right, or zooming.
4. Hold **START** to select the point indicated by the crosshairs.

Saving or Navigating to a Location on the Map

You can select any location on the map. You can save the location or start navigating to it.

1. From the map, select an option:
   - To use the touchscreen, tap the map, tap and drag to position the crosshairs, and press **UP** or **DOWN** to zoom in or out.
   - To use the buttons, hold **MENU**, select **Pan/Zoom**, and press **UP** or **DOWN** to zoom in or out.
     NOTE: You can press START to toggle between panning up and down, panning left and right, or zooming.



2. Pan and zoom the map to center the location in the

crosshairs.

3 Hold **START** to select the point indicated by the crosshairs.

4 If necessary, select a nearby point of interest.

5 Select an option:
- To start navigating to the location, select **Go**.
- To save the location, select **Save Location**.
- To view information about the location, select **Review**.

Navigating with the Around Me Feature

You can use the around me feature to navigate to nearby points of interest and waypoints.

NOTE: The map data installed on your device must include points of interest to navigate to them.

1 From the map, hold **MENU**.

2 Select **Around Me**.

Icons indicating points of interest and waypoints appear on the map.

3 Press **UP** or **DOWN** to highlight a section of the map.

4 Press **STOP**.

A list of points of interest and waypoints in the highlighted map section appear.

5 Select a location.

6 Select an option:
- To start navigating to the location, select **Go**.
- To view the location on the map, select **Map**.
- To save the location, select **Save Location**.
- To view information about the location, select **Review**.

Map Settings

You can customize how the map appears in the map app and data screens.

NOTE: If necessary, you can customize the map settings for specific activities instead of using the system settings (*Activity Map Settings, page 18*).

Hold **MENU**, and select **Map**.

Map Manager: Shows the downloaded map versions and allows you to download additional maps (*Managing Maps, page 42*).

Map Theme: Sets the map to display data optimized for your activity type (*Map Themes, page 42*).

Color Mode: Sets the map colors to either a white or black background for daytime or nighttime visibility. The Auto option adjusts the map colors based on the time of day.

Orientation: Sets the orientation of the map. The North Up option shows north at the top of the screen. The Track Up option shows your current direction of travel at the top of the screen.

User Locations: Shows or hides saved locations on the map.

Segments: Shows or hides segments, as a colored line on the map.

Contours: Shows or hides contour lines on the map.

Track Log: Shows or hides the track log, or the path you have traveled, as a colored line on the map.

Track Color: Changes the track log color.

Auto Zoom: Automatically selects the zoom level for optimal use of your map. When disabled, you must zoom in or out manually.

Lock on Road: Locks the position icon, which represents your position on the map, onto the nearest road.

Detail: Sets the amount of detail shown on the map. Showing more detail may cause the map to redraw more slowly.

Marine: Sets the map to display data in marine mode (*Marine Map Settings, page 43*).

Restore Theme: Allows you to restore default map theme settings or themes that have been deleted from the watch.

Managing Maps

When you connect your watch to a Wi-Fi network, you can download maps for additional regions. You can also remove maps to increase the available device storage.

1 Hold **MENU**.

2 Select **Map** > **Map Manager**.

3 Select a map category.

4 Select an option:
- To download a map, select **Add Map**, select a map, press **START**, and select **Download**. **NOTE:** To prevent battery drain, the watch queues the map download for later, and the download starts when you connect the watch to an external power source.
- To remove a map, select a map, press **START**, and select **Remove**.

Map Themes

You can change the map theme to display data optimized for your activity type.

Hold **MENU**, and select **Map** > **Map Theme**.

None: Uses the preferences from the system map settings, with no additional theme applied.

Marine: Sets the map to display data in marine mode.

High Contrast: Sets the map to display data with higher contrast, for better visibility in challenging environments.

Dark: Sets the map to display data with a dark background, for better visibility at night.

Popularity: Highlights the most popular roads or trails on the map.

Resort Ski: Sets the map to display the most relevant ski data at a glance.

Marine Map Settings

You can customize how the map appears in marine mode.

Hold **MENU**, and select **Map** > **Marine**.

Spot Soundings: Enables depth measurements on the chart.

Light Sectors: Shows and configures the appearance of light sectors on the chart.

Symbol Set: Sets the chart symbols in marine mode. The NOAA option displays the National Oceanic and Atmospheric Administration chart symbols. The International option displays the International Association of Lighthouse Authorities chart symbols.

Music

NOTICE

The copyright of music provided by third-party music services are owned by the record companies. The record companies license the music tracks or albums to third-party music services with a time limit, and the music license must be periodically updated and renewed. If you often listen to downloaded music offline, you will need to reconnect your watch to the internet every 7 days (via Wi-Fi or Garmin Connect) so that you can continue to make use of third-party offline music services.

NOTE: This section is about three different music playback options for your quatix watch.

- Third-party provider music
- Personal audio content
- Music stored on your phone

On a quatix watch, you can download audio content to your watch from your computer or from a third-party provider, so you can listen when your phone is not nearby. To listen to audio content stored on your watch, you can connect headphones with Bluetooth technology.

Connecting to a Third-Party Provider

Before you can download music or other audio files to your compatible watch from a supported third-party provider, you must connect to the provider using the Garmin Connect app.

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Garmin Devices**, and select your watch.
3. Select **Music** > **Music Providers**.
4. Select an option:
   - To connect to an installed provider, select a provider, and follow the on-screen instructions.
   - To connect to a new provider, select **Get Music Apps**, locate a provider, and follow the on-screen instructions.

Downloading Audio Content from a Third-Party Provider

Before you can download audio content from a third-party provider, you must connect to a Wi-Fi network (*Connecting to a Wi-Fi Network, page 46*).

1. Hold **DOWN** from any screen to open the music controls.
2. Hold **MENU**.
3. Select **Music Providers**.
4. Select a connected provider.
5. Select a playlist or other item to download to the watch.
6. If necessary, press **BACK** until you are prompted to sync with the service.

   NOTE: Downloading audio content can drain the battery. You may be required to connect the watch to an external power source if the battery is low.

Downloading Personal Audio Content

Before you can send your personal music to your device, you must install the Garmin Express application on your computer (*Garmin.com.sg/express*).

You can load your personal audio files, such as .mp3 and .m4a files, to a quatix device from your computer. For more information, go to *Garmin.com/en-SG/musicfiles*.

1. Connect the device to your computer using the included USB cable.
2. On your computer, open the Garmin Express application, select your device, and select **Music**.

   TIP: For Windows® computers, you can select 📁+ and browse to the folder with your audio files. For Apple® computers, the Garmin Express application uses your iTunes® library.
3. In the My Music or iTunes Library list, select an audio file category, such as songs or playlists.
4. Select the checkboxes for the audio files, and select **Send to Device**.
5. If necessary, in the quatix list, select a category, select the checkboxes, and select **Remove From Device** to remove audio files.

Listening to Music

1. Hold **DOWN** from any screen to open the music controls.
2. If necessary, connect your headphones with Bluetooth technology (*Connecting Bluetooth Headphones, page 44*).
3. Hold **MENU**.
4. Select Music Providers, and select an option:
   - To listen to music downloaded to the watch from your computer, select **My Music** (*Downloading Personal Audio Content,*

page 43).
- To control music playback on your phone, select **Control Phone**.
- To listen to music from a third-party provider, select the name of the provider and select a playlist.

5 Select ▶.

Music Playback Controls

NOTE: Music playback controls may look different, depending on the selected music source.

⋮	Select to view more music playback controls.
♫	Select to browse the audio files and playlists for the selected source.
🔊	Select to adjust the volume.
▶	Select to play and pause the current audio file.
▶|	Select to skip to the next audio file in the playlist. Hold to fast forward through the current audio file.
|◀	Select to restart the current audio file. Select twice to skip to the previous audio file in the playlist. Hold to rewind through the current audio file.
🔁	Select to change the repeat mode.
🔀	Select to change the shuffle mode.

Connecting Bluetooth Headphones

To listen to music loaded onto your fēnix watch, you must connect headphones using Bluetooth technology.

1 Bring the headphones within 2 m (6.6 ft.) of your watch.
2 Enable pairing mode on the headphones.
3 Hold **MENU**.
4 Select **Music** > **Headphones** > **Add New**.
5 Select your headphones to complete the pairing process.

Changing the Audio Mode

You can change the music playback mode from stereo to mono.

1 Hold **MENU**.
2 Select **Music** > **Audio**.
3 Select an option.

Connectivity

Connectivity features are available for your watch when you pair with your compatible phone (*Pairing Your Phone, page 44*). Additional features are available when you connect your watch to a Wi-Fi network (*Connecting to a Wi-Fi Network, page 46*).

Phone Connectivity Features

Phone connectivity features are available for your quatix watch when you pair it using the Garmin Connect app (*Pairing Your Phone, page 44*).

- App features from the Garmin Connect app, the Connect IQ app, and more (*Phone Apps and Computer Applications, page 46*)
- Glances (*Glances, page 25*)
- Controls menu features (*Controls, page 33*)
- Safety and tracking features (*Safety and Tracking Features, page 49*)
- Phone interactions, such as notifications (*Enabling Bluetooth Notifications, page 44*)

Pairing Your Phone

To use the connected features on your watch, you must pair it directly through the Garmin Connect app, instead of from the Bluetooth settings on your phone.

1 From the app store on your phone, install and open the Garmin Connect app.
2 Select an option to enable pairing mode on your watch:
- During the initial setup, select Yes when you are prompted to pair with your phone.
- If you previously skipped the pairing process, hold **MENU**, and select **Pair Phone**.

3 Select an option to add your watch to your account:
- If this is the first time you are pairing a device with the Garmin Connect app, follow the on-screen instructions.
- If you already paired another device with the Garmin Connect app, from the ☰ or ••• menu, select **Garmin Devices** > **Add Device**, and follow the on-screen instructions.

Enabling Bluetooth Notifications

Before you can enable notifications, you must pair the watch with a compatible phone (*Pairing Your Phone, page 44*).

1 Hold **MENU**.
2 Select **Connectivity** > **Phone** > **Smart Notifications** > **Status** > **On**.
3 Select **General Use** or **During Activity**.
4 Select a notification type.
5 Select status, sound, privacy, and timeout preferences.
6 Press **BACK**.

7 Select **Signature** to add a signature to your text message replies.

Viewing Notifications

1 From the watch face, press **UP** or **DOWN** to view the notifications glance.
2 Press **START**.
3 Select a notification.
4 Press **START** for more options.
5 Press **BACK** to return to the previous screen.

Receiving an Incoming Phone Call

When you receive a phone call on your connected phone, the quatix watch displays the name or phone number of the caller.

- To accept the call, select .

  NOTE: To talk to the caller, you must use your connected phone.
- To decline the call, select .
- To decline the call and immediately send a text message reply, select Reply, and select a message from the list.

  NOTE: This feature is available only if your watch is connected to an Android™ phone using Bluetooth technology.

Replying to a Text Message

NOTE: This feature is available only for Android phones.

When you receive a text message notification on your watch, you can send a quick reply by selecting from a list of messages. You can customize messages in the Garmin Connect app.

NOTE: This feature sends text messages using your phone. Regular text message limits and charges from your carrier and phone plan may apply. Contact your mobile carrier for more information about text message charges or limits.

1 From the watch face, press **UP** or **DOWN** to view the notifications glance.
2 Press **START**, and select a text message notification.
3 Press **START**.
4 Select **Reply**.
5 Select a message from the list.

  Your phone sends the selected message as an SMS text message.

Managing Notifications

You can use your compatible phone to manage notifications that appear on your quatix watch.

Select an option:

- If you are using an iPhone®, go to the iOS® notifications settings to select the items to show on the watch.
- If you are using an Android phone, from the Garmin Connect app, select **Settings** > **Notifications**.

Turning Off the Bluetooth Phone Connection

You can turn off the Bluetooth phone connection from the controls menu.

NOTE: You can add options to the controls menu (*Customizing the Controls Menu, page 34*).

1 Hold **LIGHT** to view the controls menu.
2 Select to turn off the Bluetooth phone connection on your quatix watch.

  Refer to the owner's manual for your phone to turn off Bluetooth technology on your phone.

Turning On and Off Phone Connection Alerts

You can set the quatix watch to alert you when your paired phone connects and disconnects using Bluetooth technology.

NOTE: Phone connection alerts are turned off by default.

1 Hold **MENU**.
2 Select **Connectivity** > **Phone** > **Alerts**.

Playing Audio Prompts During an Activity

You can enable your quatix device to play motivational status announcements during a run or other activity. Audio prompts play on your connected headphones using Bluetooth technology, if available. Otherwise, audio prompts play on your smartphone paired through the Garmin Connect app. During an audio prompt, the device or smartphone mutes the primary audio to play the announcement.

NOTE: This feature is not available for all activities.

1 Hold **MENU**.
2 Select **Audio Prompts**.
3 Select an option:
  - To hear a prompt for each lap, select **Lap Alert**. **NOTE:** The Lap Alert audio prompt is enabled by default.
  - To customize prompts with your pace and speed information, select **Pace/Speed Alert**.
  - To customize prompts with your heart rate information, select **Heart Rate Alert**.
  - To customize prompts with power data, select **Power Alert**.
  - To hear prompts when you start and stop the timer, including the Auto Pause feature, select **Timer Events**.
  - To hear workout alerts play as an audio prompt, select **Workout Alerts**.
  - To hear activity alerts play as an audio prompt, select **Activity Alerts**.
  - To hear a sound play right before an audio alert or prompt, select **Audio Tones**.
  - To change the language or the dialect of the voice prompts, select **Dialect**.

Wi-Fi Connected Features

Activity uploads to your Garmin Connect account: Automatically sends your activity to your Garmin Connect account as soon as you finish recording the activity.

Audio content: Allows you to sync audio content from third-party providers.

Software updates: Your device downloads and installs the latest software update automatically when a Wi-Fi connection is available.

Workouts and training plans: You can browse for and select workouts and training plans on the Garmin Connect site. The next time your device has a Wi-Fi connection, the files are wirelessly sent to your device.

Connecting to a Wi-Fi Network

You must connect your device to the Garmin Connect app on your smartphone or to the Garmin Express application on your computer before you can connect to a Wi-Fi network.

1. Hold **MENU**.
2. Select **Wi-Fi** > **My Networks** > **Add Network**.

   The device displays a list of nearby Wi-Fi networks.
3. Select a network.

If necessary, enter the password for the network.

The device connects to the network, and the network is added to the list of saved networks. The device reconnects to this network automatically when it is within range.

Phone Apps and Computer Applications

You can connect your watch to multiple Garmin phone apps and computer applications using the same Garmin account.

Garmin Connect

You can connect with your friends on Garmin Connect. Garmin Connect gives you the tools to track, analyze, share, and encourage each other. Record the events of your active lifestyle including runs, walks, rides, swims, hikes, triathlons, and more. To sign up for a free account, you can download the app from the app store on your phone, or go to *connect.Garmin.com*.

Store your activities: After you complete and save an activity with your watch, you can upload that activity to your Garmin Connect account and keep it as long as you want.

Analyze your data: You can view more detailed information about your activity, including time, distance, elevation, heart rate, calories burned, cadence, running dynamics, an overhead map view, pace and speed charts, and customizable reports.

NOTE: Some data requires an optional accessory such as a heart rate monitor.



Plan your training: You can choose a fitness goal and load one of the day-by-day training plans.

Track your progress: You can track your daily steps, join a friendly competition with your connections, and meet your goals.

Share your activities: You can connect with friends to follow each other's activities or post links to your activities on your favorite social networking sites.

Manage your settings: You can customize your watch and user settings on your Garmin Connect account.

Using the Garmin Connect App

After you pair your watch with your phone (*Pairing Your Phone, page 44*), you can use the Garmin Connect app to upload all of your activity data to your Garmin Connect account.

1. Verify the Garmin Connect app is running on your phone.
2. Bring your watch within 10 m (30 ft.) of your phone.

   Your watch automatically syncs your data with the Garmin Connect app and your Garmin Connect account.

Updating the Software Using the Garmin Connect App

Before you can update your watch software using the Garmin Connect app, you must have a Garmin Connect account, and you must pair the watch with a compatible phone (*Pairing Your Phone, page 44*).

Sync your watch with the Garmin Connect app (*Using the Garmin Connect App, page 46*).

When new software is available, the Garmin Connect app automatically sends the update to your watch. The update is applied when you are not actively using the watch. When the update is complete, your watch restarts.

Using Garmin Connect on Your Computer

The Garmin Express application connects your watch to your Garmin Connect account using a computer. You can use the Garmin Express application to upload your activity data to your Garmin Connect account and to send data, such as workouts or training plans, from the Garmin Connect website to your watch. You can also add music to your watch (*Downloading Personal Audio Content, page 43*). You can also install software updates and manage your Connect IQ apps.

1. Connect the watch to your computer using the USB cable.
2. Go to *Garmin.com.sg/express*.
3. Download and install the Garmin Express application.
4. Open the Garmin Express application, and select Add Device.
5. Follow the on-screen instructions.

Updating the Software Using Garmin Express

Before you can update your watch software, you must download and install the Garmin Express application and add your watch (*Using Garmin Connect on Your Computer, page 47*).

1. Connect the watch to your computer using the USB cable.

   When new software is available, the Garmin Express application sends it to your watch.
2. After the Garmin Express application finishes sending the update, disconnect the watch from your computer.

   Your watch installs the update.

Connect IQ Features

You can add Connect IQ features to your watch from Garmin and other providers using the Connect IQ app (*apps.Garmin.com/en-SG/*). You can customize your watch with watch faces, device apps, data fields, and music providers.

Watch Faces: Allow you to customize the appearance of the clock.

Device Apps: Add interactive features to your watch, such as glances and new outdoor and fitness activity types.

Data Fields: Allow you to download new data fields that present sensor, activity, and history data in new ways. You can add Connect IQ data fields to built-in features and pages.

Music: Add music providers to your watch.

Downloading Connect IQ Features

Before you can download features from the Connect IQ app, you must pair your quatix watch with your phone (*Pairing Your Phone, page 44*).

1. From the app store on your phone, install and open the Connect IQ app.
2. If necessary, select your watch.
3. Select a Connect IQ feature.
4. Follow the on-screen instructions.

Downloading Connect IQ Features Using Your Computer

1. Connect the device to your computer using a USB cable.
2. Go to *Garmin.com.sg/products/apps*, and sign in.
3. Select a Connect IQ feature, and download it.
4. Follow the on-screen instructions.

Garmin Explore

The Garmin Explore website and mobile app allow you to plan trips and use cloud storage for your waypoints, routes, and tracks. They offer advanced planning both online and offline, allowing you to share and sync data with your compatible Garmin device. You can use the mobile app to download maps for offline access, and then navigate anywhere without using your cellular service.

You can download the Garmin Explore app from the app store on your phone (*garmin.com/exploreapp*), or you can go to *Garmin.com.sg/products/apps/garmin-explore-app/*.

Garmin Golf App

The Garmin Golf app allows you to upload scorecards from your compatible Garmin device to view detailed statistics and shot analyses. Golfers can compete with each other at different courses using the Garmin Golf app. More than 42,000 courses have leaderboards that anyone can join. You can set up a tournament event and invite players to compete.

The Garmin Golf app syncs your data with your Garmin Connect account. You can download the Garmin Golf app from the app store on your phone (*Garmin.com.sg/products/apps/garmin-golf/*).

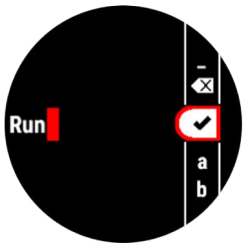
Entering Text with Instant Keyboard

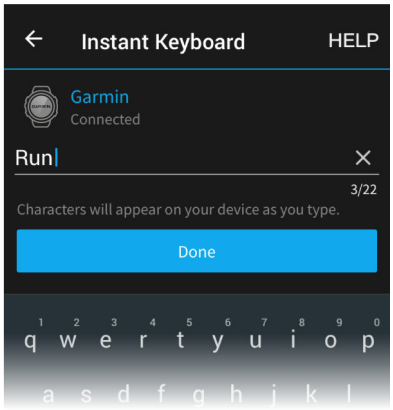
Instant Keyboard allows you to quickly enter text to your device using Garmin Connect app.

A keyboard will appear in Garmin Connect app whenever a text field appears on your device. As you type on the keyboard, the characters will be entered simultaneously to the text field on your device.

Instant Keyboard is enabled by default. To disable Instant Keyboard, go to **Settings** > **Instant Keyboard** in Garmin Connect app.

NOTE: Garmin Connect app must be open and paired with your device when the text field appears.





User Profile

You can update your user profile on your watch or on the Garmin Connect app.

Setting Up Your User Profile

You can update your gender, date of birth, height, weight, wrist, heart rate zone, power zone, and Critical Swim Speed (CSS) settings. The device uses this information to calculate accurate training data.

1. Hold **MENU**.
2. Select **User Profile**.
3. Select an option.

About Heart Rate Zones

Many athletes use heart rate zones to measure and increase their cardiovascular strength and improve their level of fitness. A heart rate zone is a set range of heartbeats per minute. The five commonly accepted heart rate zones are numbered from 1 to 5 according to increasing intensity. Generally, heart rate zones are calculated based on percentages of your maximum heart rate.

Fitness Goals

Knowing your heart rate zones can help you measure and improve your fitness by understanding and applying these principles.

- Your heart rate is a good measure of exercise intensity.
- Training in certain heart rate zones can help you improve cardiovascular capacity and strength.

If you know your maximum heart rate, you can use the table (*Heart Rate Zone Calculations, page 49*) to determine the best heart rate zone for your fitness objectives.

If you do not know your maximum heart rate, use one of the calculators available on the Internet. Some gyms and health centers can provide a test that measures maximum heart rate. The default maximum heart rate is 220 minus your age.

Setting Your Heart Rate Zones

The device uses your user profile information from the initial setup to determine your default heart rate zones. You can set separate heart rate zones for sport profiles, such as running, cycling, and swimming. For the most accurate calorie data during your activity, set your maximum heart rate. You can also set each heart rate zone and enter your resting heart rate manually. You can manually adjust your zones on the device or using your Garmin Connect account.

1. Hold **MENU**.
2. Select **User Profile** > **Heart Rate**.
3. Select **Max. HR**, and enter your maximum heart rate.

   You can use the Auto Detection feature to automatically record your maximum heart rate during an activity.
4. Select **LTHR** > **Enter Manually**, and enter your lactate threshold heart rate.

   You can perform a guided test to estimate your lactate threshold (*Lactate Threshold, page 29*). You can use the Auto Detection feature to automatically record your lactate threshold during an activity.
5. Select **Resting HR**, and enter your resting heart rate.

   You can use the average resting heart rate measured by your device, or you can set a custom resting heart rate.
6. Select **Zones** > **Based On**.
7. Select an option:
   - Select **BPM** to view and edit the zones in beats per minute.
   - Select **%Max. HR** to view and edit the zones as a percentage of your maximum heart rate.
   - Select **%HRR** to view and edit the zones as a percentage of your heart rate reserve (maximum heart rate minus resting heart rate).
   - Select **%LTHR** to view and edit the zones as a percentage of your lactate threshold heart rate.
8. Select a zone, and enter a value for each zone.
9. Select **Add Sport Heart Rate**, and select a sport profile to add separate heart rate zones (optional).
10. Repeat the steps to add sport heart rate zones (optional).

Letting the Device Set Your Heart Rate Zones

The default settings allow the device to detect your maximum heart rate and set your heart rate zones as a percentage of your maximum heart rate.

- Verify that your user profile settings are accurate (*Setting Up Your User Profile, page 48*).
- Run often with the wrist or chest heart rate monitor.
- Try a few heart rate training plans, available from

your Garmin Connect account.

- View your heart rate trends and time in zones using your Garmin Connect account.

Heart Rate Zone Calculations

Zone	% of Maximum Heart Rate	Perceived Exertion	Benefits
1	50–60%	Relaxed, easy pace, rhythmic breathing	Beginning-level aerobic training, reduces stress
2	60–70%	Comfortable pace, slightly deeper breathing, conversation possible	Basic cardiovascular training, good recovery pace
3	70–80%	Moderate pace, more difficult to hold conversation	Improved aerobic capacity, optimal cardiovascular training
4	80–90%	Fast pace and a bit uncomfortable, breathing forceful	Improved anaerobic capacity and threshold, improved speed
5	90–100%	Sprinting pace, unsustainable for long period of time, labored breathing	Anaerobic and muscular endurance, increased power

Setting Your Power Zones

The power zones use default values based on gender, weight, and average ability, and may not match your personal abilities. If you know your functional threshold power (FTP) value, you can enter it and allow the software to calculate your power zones automatically. You can manually adjust your zones on the device or using your Garmin Connect account.

1. Hold **MENU**.
2. Select **User Profile** > **Power Zones**.
3. Select an activity.
4. Select **Based On**.
5. Select an option:
   - Select **Watts** to view and edit the zones in watts.
   - Select **% FTP** to view and edit the zones as a percentage of your functional threshold power.
6. Select **Auto Detect FTP** to automatically detect your FTP during an activity.
7. Select **FTP**, and enter your FTP value.
8. Select a zone, and enter a value for each zone.
9. If necessary, select **Minimum**, and enter a minimum power value.

Safety and Tracking Features

⚠CAUTION

The safety and tracking features are supplemental features and should not be relied on as a primary method to obtain emergency assistance. The Garmin Connect app does not contact emergency services on your behalf.

The quatix watch has safety and tracking features that must be set up with the Garmin Connect app.

NOTICE

To use these features, the quatix watch must be connected to the Garmin Connect app using Bluetooth technology. You can enter emergency contacts in your Garmin Connect account.

For more information about safety and tracking features, go to *Garmin.com.sg/legal/idtermsofuse*.

Assistance: Allows you to send a message with your name, LiveTrack link, and GPS location (if available) to your emergency contacts.

Incident detection: When the quatix watch detects an incident during certain outdoor activities, the watch sends an automated message, LiveTrack link, and GPS location (if available) to your emergency contacts.

LiveTrack: Allows friends and family to follow your races and training activities in real time. You can invite followers using email or social media, allowing them to view your live data on a web page.

Live Event Sharing: Allows you to send messages to friends and family during an event, providing real-time updates.

NOTE: This feature is available only if your watch is connected to an Android phone.

GroupTrack: Allows you to keep track of your connections using LiveTrack directly on screen and in real time.

Adding Emergency Contacts

Emergency contact phone numbers are used for the safety and tracking features.

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Safety & Tracking** > **Safety Features** > **Emergency Contacts** > **Add Emergency Contacts**.
3. Follow the on-screen instructions.

Adding Contacts

You can add up to 50 contacts to the Garmin Connect app. Contact emails can be used with the LiveTrack feature. Three of these contacts can be used as emergency contacts (*Adding Emergency Contacts, page 49*).

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Contacts**.
3. Follow the on-screen instructions.

After you add contacts, you must sync your data to apply the changes to your quatix device (*Using the Garmin Connect App, page 46*).

Turning Incident Detection On and Off

1. From the watch face, hold **MENU**.
2. Select **Safety & Tracking** > **Incident Detection**.
3. Select a GPS activity.

   NOTE: Incident detection is available only for certain outdoor activities.

When an incident is detected by your quatix watch and your phone is connected, the Garmin Connect app can send an automated text message and email with your name and GPS location to your emergency contacts. You have 15 seconds to cancel the message.

Requesting Assistance

Before you can request assistance, you must set up emergency contacts (*Adding Emergency Contacts, page 49*).

1. Hold **LIGHT**.
2. When you feel three vibrations, release the button to activate the assistance feature.

   The countdown screen appears.

   TIP: You can select Cancel before the countdown is complete to cancel the message.

Starting a GroupTrack Session

Before you can start a GroupTrack session, you must have a Garmin Connect account, a compatible smartphone, and the Garmin Connect app.

These instructions are for starting a GroupTrack session with quatix devices. If your connections have other compatible devices, you can see them on the map. The other devices may not be able to display GroupTrack riders on the map.

1. Go outside, and turn on the quatix device.
2. Pair your smartphone with the quatix device (*Pairing Your Phone, page 44*).
3. On the quatix device, hold **MENU**, and select **Safety & Tracking** > **GroupTrack** > **Show on Map** to enable viewing connections on the map screen.
4. In the Garmin Connect app, from the settings menu, select **Safety & Tracking** > **LiveTrack** > ⋮ > **Settings** > **GroupTrack**.
5. Select **All Connections**.
6. Select **Start LiveTrack**.
7. On the quatix device, start an activity.
8. Scroll to the map to view your connections.

   TIP: From the map, you can hold **MENU** and select **Nearby Connections** to view distance, direction, and pace or speed information for other connections in the GroupTrack session.

Tips for GroupTrack Sessions

The GroupTrack feature allows you to keep track of other connections in your group using LiveTrack directly on the screen. All members of the group must be your connections in your Garmin Connect account.

- Start your activity outside using GPS.
- Pair your quatix device with your smartphone using Bluetooth technology.
- In the Garmin Connect app, from the settings menu, select Connections to update the list of connections for your GroupTrack session.
- Make sure all of your connections pair to their smartphones and start a LiveTrack session in the Garmin Connect app.
- Make sure all your connections are in range (40 km or 25 mi.).
- During a GroupTrack session, scroll to the map to view your connections (*Adding a Map to an Activity, page 16*).

GroupTrack Settings

Hold **MENU**, and select **Safety & Tracking** > **GroupTrack**.

Show on Map: Enables you to view connections on the map screen during a GroupTrack session.

Activity Types: Allows you to select which activity types appear on the map screen during a GroupTrack session.

Health and Wellness Settings

Hold **MENU**, and select **Health & Wellness**.

Heart Rate: Allows you to customize the wrist heart rate monitor settings (*Wrist Heart Rate Monitor Settings, page 35*).

Pulse Ox Mode: Allows you to select a pulse oximeter mode (*Setting the Pulse Oximeter Mode, page 37*).

Move Alert: Enables or disables the Move Alert feature (*Using the Move Alert, page 51*).

Goal Alerts: Allows you to turn on and off goal alerts, or turn them off only during activities. Goal alerts appear for your daily steps goal, daily floors climbed goal, and weekly intensity minutes goal.

Move IQ: Allows you to turn on and off Move IQ events. When your movements match familiar exercise patterns, the Move IQ feature automatically detects the event and displays it in your timeline. The Move IQ events show activity type and duration, but they do not appear in your activities list or newsfeed. For more detail and accuracy, you can record a timed activity on your device.

Auto Goal

Your device creates a daily step goal automatically, based on your previous activity levels. As you move during the day, the device shows your progress toward your daily goal.

If you choose not to use the auto goal feature, you can set a personalized step goal on your Garmin Connect account.

Using the Move Alert

Sitting for prolonged periods of time can trigger undesirable metabolic state changes. The move alert reminds you to keep moving. After one hour of inactivity, Move! and the red bar appear. Additional segments appear after every 15 minutes of inactivity. The device also beeps or vibrates if audible tones are turned on (*System Settings, page 55*).

Go for a short walk (at least a couple of minutes) to reset the move alert.

Intensity Minutes

To improve your health, organizations such as the World Health Organization recommend at least 150 minutes per week of moderate intensity activity, such as brisk walking, or 75 minutes per week of vigorous intensity activity, such as running.

The watch monitors your activity intensity and tracks your time spent participating in moderate to vigorous intensity activities (heart rate data is required to quantify vigorous intensity). The watch adds the amount of moderate activity minutes with the amount of vigorous activity minutes. Your total vigorous intensity minutes are doubled when added.

Earning Intensity Minutes

Your quatix watch calculates intensity minutes by comparing your heart rate data to your average resting heart rate. If heart rate is turned off, the watch calculates moderate intensity minutes by analyzing your steps per minute.

- Start a timed activity for the most accurate calculation of intensity minutes.
- Wear your watch all day and night for the most accurate resting heart rate.

Sleep Tracking

While you are sleeping, the watch automatically detects your sleep and monitors your movement during your normal sleep hours. You can set your normal sleep hours in the user settings on your Garmin Connect account. Sleep statistics include total hours of sleep, sleep stages, sleep movement, and sleep score. You can view your sleep statistics on your Garmin Connect account.

NOTE: Naps are not added to your sleep statistics. You can use do not disturb mode to turn off notifications and alerts, with the exception of alarms (*Controls, page 33*).

Using Automated Sleep Tracking

1. Wear your device while sleeping.
2. Upload your sleep tracking data to the Garmin Connect site (*Using the Garmin Connect App, page 46*).

   You can view your sleep statistics on your Garmin Connect account.

   You can view sleep information from the previous night on your quatix device (*Glances, page 25*).

Navigation

Viewing and Editing Your Saved Locations

TIP: You can save a location from the controls menu (*Controls, page 33*).

1. From the watch face, press **START**.
2. Select **Navigate** > **Saved Locations**.
3. Select a saved location.
4. Select an option to view or edit the location details.

Saving a Dual Grid Location

You can save your current location using dual grid coordinates to navigate back to the same location later.

1. Customize a button or button combination for the Dual Grid feature (*Customizing the Hot Keys, page 56*).
2. Hold the button or button combination you customized to save a dual grid location.
3. Wait while the watch locates satellites.
4. Press **START** to save the location.
5. If necessary, press **DOWN** to edit the location details.

Navigating to a Destination

You can use your device to navigate to a destination or follow a course.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation**.
5. Select a category.
6. Respond to the on-screen prompts to choose a destination.
7. Select **Go To**.

   Navigation information appears.
8. Press **START** to begin navigation.

Navigating to a Point of Interest

If the map data installed on your watch includes points

of interest, you can navigate to them.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Points of Interest**, and select a category.

   A list of points of interest near your current location appears.
5. If necessary, select an option:
   - To search near a different location, select **Search Near**, and select a location.
   - To search for a point of interest by name, select **Spell Search**, and enter a name.
6. Select a point of interest from the search results.
7. Select **Go**.

   Navigation information appears.
8. Press **START** to begin navigation.

Navigating to the Starting Point of a Saved Activity

You can navigate back to the starting point of a saved activity in a straight line or along the path you traveled. This feature is available only for activities that use GPS.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Activities**.
5. Select an activity.
6. Select **Back to Start**, and select an option:
   - To navigate back to the starting point of your activity along the path you traveled, select **TracBack**.
   - If you do not have a supported map or are using direct routing, select **Route** to navigate back to the starting point of your activity in a straight line.
   - If you are not using direct routing, select **Route** to navigate back to the starting point of your activity using turn-by-turn directions.

   Turn-by-turn directions help you navigate to the starting point of your last saved activity if you have a supported map or are using direct routing. A line appears on the map from your current location to the starting point of the last saved activity if you are not using direct routing.

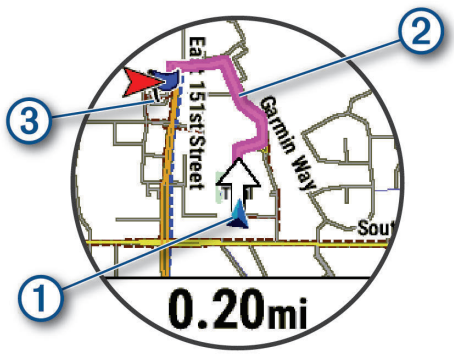
   NOTE: You can start the timer to prevent the device from timing out to watch mode.
7. Press **DOWN** to view the compass (optional).

   The arrow points toward your starting point.

Navigating to Your Starting Point During an Activity

You can navigate back to the starting point of your current activity in a straight line or along the path you traveled. This feature is available only for activities that use GPS.

1. During an activity, press **STOP**.
2. Select Back to Start, and select an option:
   - To navigate back to the starting point of your activity along the path you traveled, select **TracBack**.
   - If you do not have a supported map or are using direct routing, select **Route** to navigate back to the starting point of your activity in a straight line.
   - If you are not using direct routing, select **Route** to navigate back to the starting point of your activity using turn-by-turn directions.



   Your current location ①, the track to follow ②, and your destination ③ appear on the map.

Viewing Route Directions

You can view a list of turn-by-turn directions for your route.

1. While navigating a route, hold **MENU**.
2. Select **Turn By Turn**.

   A list of turn-by-turn directions appears.
3. Press **DOWN** to view additional directions.

Navigating with Sight 'N Go

You can point the device at an object in the distance, such as a water tower, lock in the direction, and then navigate to the object.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Sight 'N Go**.
5. Point the top of the watch at an object, and press **START**.

   Navigation information appears.
6. Press **START** to begin navigation.

Marking and Starting Navigation to a Man Overboard Location

You can save a man overboard (MOB) location, and automatically start navigation back to it.

TIP: You can customize the hold function of the keys to access the MOB function (*Customizing the Hot*

Keys, page 56).

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Last MOB**.

   Navigation information appears.

Stopping Navigation

1. During an activity, hold **MENU**.
2. Select **Stop Navigation**.

Courses

You can send a course from your Garmin Connect account to your device. After it is saved to your device, you can navigate the course on your device.

You can follow a saved course simply because it is a good route. For example, you can save and follow a bike friendly commute to work.

You can also follow a saved course, trying to match or exceed previously set performance goals. For example, if the original course was completed in 30 minutes, you can race against a Virtual Partner trying to complete the course in under 30 minutes.

Creating and Following a Course on Your Device

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Courses** > **Create New**.
5. Enter a name for the course, and select ✓.
6. Select **Add Location**.
7. Select an option.
8. If necessary, repeat steps 6 and 7.
9. Select **Done** > **Do Course**.

   Navigation information appears.
10. Press **START** to begin navigation.

Creating a Round-Trip Course

The device can create a round-trip course based on a specified distance and direction of navigation.

1. From the watch face, press **START**.
2. Select **Run** or **Bike**.
3. Hold **MENU**.
4. Select **Navigation** > **Round-Trip Course**.
5. Enter the total distance for the course.
6. Select a direction heading.

   The device creates up to three courses. You can press **DOWN** to view the courses.
7. Press **START** to select a course.
8. Select an option:
   - To begin navigation, select **Go**.
   - To view the course on the map and pan or zoom the map, select **Map**.
   - To view a list of turns in the course, select **Turn By Turn**.
   - To view an elevation plot of the course, select **Elevation Plot**.
   - To save the course, select **Save**.
   - To view a list of ascents in the course, select **View Climbs**.

Creating a Course on Garmin Connect

Before you can create a course on the Garmin Connect app, you must have a Garmin Connect account (*Garmin Connect, page 46*).

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Training** > **Courses** > **Create Course**.
3. Select a course type.
4. Follow the on-screen instructions.
5. Select **Done**.

   NOTE: You can send this course to your device (*Sending a Course to Your Device, page 53*).

Sending a Course to Your Device

You can send a course you created using the Garmin Connect app to your device (*Creating a Course on Garmin Connect, page 53*).

1. From the Garmin Connect app, select ☰ or •••.
2. Select **Training** > **Courses**.
3. Select a course.
4. Select ⋮ > **Send to Device**.
5. Select your compatible device.
6. Follow the on-screen instructions.

Viewing or Editing Course Details

You can view or edit course details before you navigate a course.

1. From the watch face, press **START**.
2. Select an activity.
3. Hold **MENU**.
4. Select **Navigation** > **Courses**.
5. Press **START** to select a course.
6. Select an option:
   - To begin navigation, select **Do Course**.
   - To create a custom pace band, select **PacePro**.
   - To view the course on the map and pan or zoom the map, select **Map**.
   - To begin the course in reverse, select **Do Course in Reverse**.
   - To view an elevation plot of the course, select **Elevation Plot**.
   - To change the course name, select **Name**.
   - To edit the course path, select **Edit**.
   - To view a list of ascents in the course, select **View Climbs**.
   - To delete the course, select **Delete**.

Projecting a Waypoint

You can create a new location by projecting the distance and bearing from your current location to a new location.

NOTE: You may need to add the Project Wpt. app to the activities and apps list.

1. From the watch face, press **START**.
2. Select **Project Wpt.**.
3. Press **UP** or **DOWN** to set the heading.
4. Press **START**.
5. Press **DOWN** to select a unit of measure.
6. Press **UP** to enter the distance.
7. Press **START** to save.

The projected waypoint is saved with a default name.

Navigation Settings

You can customize the map features and appearance when navigating to a destination.

Customizing Navigation Data Screens

1. Hold **MENU**.
2. Select **Navigation** > **Data Screens**.
3. Select an option:
   - Select **Map** > **Status** to turn on or off the map.
   - Select **Map** > **Data Field** to turn on or off a data field that shows routing information on the map.
   - Select **Up Ahead** to turn on or off information about upcoming course points.
   - Select **Guide** to turn on or off the guide screen that displays the compass bearing or course to follow while navigating.
   - Select **Elevation Plot** to turn on or off the elevation plot.
   - Select a screen to add, remove, or customize.

Setting Up a Heading Bug

You can set up a heading indicator to display on your data pages while navigating. The indicator points to your target heading.

1. Hold **MENU**.
2. Select **Navigation** > **Heading Bug**.

Setting Navigation Alerts

You can set alerts to help you navigate to your destination.

1. Hold **MENU**.
2. Select **Navigation** > **Alerts**.
3. Select an option:
   - To set an alert for a specified distance from your final destination, select **Final Distance**.
   - To set an alert for the estimated time remaining until you reach your final destination, select **Final ETE**.
   - To set an alert when you stray from the course, select **Off Course**.
   - To enable turn-by-turn navigation prompts, select **Turn Prompts**.
4. If necessary, select **Status** to turn on the alert.
5. If necessary, enter a distance or time value, and select ✓.

Power Manager Settings

NOTICE

The shown estimation is an average value calculated based on the battery consumption of each function, the actual battery life will largely depend on actual usage.

Hold **MENU**, and select **Power Manager**.

Battery Saver: Allows you to customize system settings to extend battery life in watch mode (*Customizing the Battery Saver Feature, page 54*).

Power Modes: Allows you to customize system settings, activity settings, and GPS settings to extend battery life during an activity (*Customizing Power Modes, page 55*).

Battery Percentage: Displays remaining battery life as a percentage.

Battery Estimates: Displays remaining battery life as an estimated number of days or hours.

Customizing the Battery Saver Feature

The battery saver feature allows you to quickly adjust system settings to extend battery life in watch mode.

You can turn on the battery saver feature from the controls menu (*Controls, page 33*).

1. Hold **MENU**.
2. Select **Power Manager** > **Battery Saver**.
3. Select **Status** to turn on the battery saver feature.
4. Select **Edit**, and select an option:
   - Select **Watch Face** to enable a low-power watch face that updates once per minute.
   - Select **Music** to disable listening to music from your watch.
   - Select **Phone** to disconnect your paired phone.
   - Select **Wi-Fi** to disconnect from a Wi-Fi network.
   - Select **Wrist Heart Rate** to turn off the wrist heart rate monitor.
   - Select **Always On Display** to turn off the screen when not in use.
   - Select **Brightness** to reduce the screen brightness.

   The watch displays the hours of battery life gained with each setting change.
5. Select **Low Battery Alert** to receive an alert when the battery power is low.

Changing the Power Mode

You can change the power mode to extend battery life during an activity.

1. During an activity, hold **MENU**.
2. Select **Power Mode**.
3. Select an option.

   The watch displays the hours of battery life available with the selected power mode.

Customizing Power Modes

Your device comes preloaded with several power modes, allowing you to quickly adjust system settings, activity settings, and GPS settings to extend battery life during an activity. You can customize existing power modes and create new custom power modes.

1. Hold **MENU**.
2. Select **Power Manager** > **Power Modes**.
3. Select an option:
   - Select a power mode to customize.
   - Select **Add New** to create a custom power mode.
4. If necessary, enter a custom name.
5. Select an option to customize specific power mode settings.

   For example, you can change the GPS setting or disconnect your paired phone.

   The watch displays the hours of battery life gained with each setting change.
6. If necessary, select **Done** to save and use the custom power mode.

Restoring a Power Mode

You can reset a preloaded power mode to the factory default settings.

1. Hold **MENU**.
2. Select **Power Manager** > **Power Modes**.
3. Select a preloaded power mode.
4. Select **Restore** > **Yes**.

System Settings

Hold **MENU**, and select **System**.

Language: Sets the language displayed on the watch.

Time: Adjusts the time settings (*Time Settings, page 55*).

Display: Adjusts the screen settings (*Changing the Screen Settings, page 56*).

Touch: Allows you to enable or disable the touchscreen during general use, activities, or sleep.

Satellites: Sets the default satellite system to use for activities. If necessary, you can customize the satellite setting for each activity (*Satellite Settings, page 19*).

Sound and Vibe: Sets the watch sounds, such as button tones, alerts, and vibrations.

Sleep Mode: Allows you to set your sleep hours and sleep mode preferences (*Customizing Sleep Mode, page 56*).

Do Not Disturb: Allows you to enable the Do Not Disturb mode. You can edit your preferences for the screen, alerts, and wrist gestures.

Hot Keys: Allows you to assign shortcuts to buttons (*Customizing the Hot Keys, page 56*).

Auto Lock: Allows you to lock the buttons and touchscreen automatically to prevent accidental button presses and touchscreen swipes. Use the During Activity option to lock the buttons and touchscreen during a timed activity. Use the Not During Activity option to lock the buttons and touchscreen when you are not recording a timed activity.

Format: Sets general format preferences, such as the units of measure, pace and speed shown during activities, the start of the week, and geographical position format and datum options (*Changing the Units of Measure, page 56*).

Physio TrueUp: Enables syncing of activities and performance measurements from your other Garmin devices (*Syncing Activities and Performance Measurements, page 56*).

Perf. Condition: Enables the performance condition feature during an activity (*Performance Condition, page 28*).

Data Recording: Sets how the watch records activity data. The Smart recording option (default) allows for longer activity recordings. The Every Second recording option provides more detailed activity recordings, but may not record entire activities that last for longer periods of time.

USB Mode: Sets the watch to use MTP (media transfer protocol) or Garmin mode when connected to a computer.

Reset: Allows you to reset user data and settings (*Resetting All Default Settings, page 60*).

Software Update: Allows you to install software updates downloaded using Garmin Express. Use the Auto Update option to enable your watch to download the latest software update when a Wi-Fi connection is available.

About: Displays device, software, license, and regulatory information.

Time Settings

Hold **MENU,** and select **System** > **Time**.

Time Format: Sets the watch to show time in a 12-hour, 24-hour, or military format.

Date Format: Sets the display order for the day, month, and year for dates.

Set Time: Sets the time zone for the watch. The Auto option sets the time zone automatically based on your GPS position.

Time: Allows you to adjust the time if the Set Time option is set to Manual.

Alerts: Allows you to set hourly alerts, as well as sunrise and sunset alerts that sound a specific number of minutes or hours before the actual sunrise or sunset occurs (*Setting Time Alerts, page 56*).

Time Sync: Allows you to manually sync the time when you change time zones, and to update for daylight saving time (*Syncing the Time, page 56*).

Setting Time Alerts

1. Hold **MENU**.
2. Select **System** > **Time** > **Alerts**.
3. Select an option:
   - To set an alert to sound a specific number of minutes or hours before the actual sunset occurs, select **Til Sunset** > **Status** > **On**, select **Time**, and enter the time.
   - To set an alert to sound a specific number of minutes or hours before the actual sunrise occurs, select **Til Sunrise** > **Status** > **On**, select **Time**, and enter the time.
   - To set an alert to sound every hour, select **Hourly** > **On**.

Syncing the Time

Each time you turn on the device and acquire satellites or open the Garmin Connect app on your paired phone, the device automatically detects your time zones and the current time of day. You can also manually sync the time when you change time zones, and to update for daylight saving time.

1. Hold **MENU**.
2. Select **System** > **Time** > **Time Sync**.
3. Wait while the device connects to your paired phone or locates satellites (*Acquiring Satellite Signals, page 60*).

   TIP: You can press **DOWN** to switch the source.

Changing the Screen Settings

1. Hold **MENU**.
2. Select **System** > **Display**.
3. Select an option:
   - Select **During Activity**.
   - Select **General Use**.
   - Select **During Sleep**.
4. Select an option:
   - Select **Always On Display** to keep the watch face data visible and turn down the background. This option impacts the battery and display life (*About the AMOLED Display, page 57*).
   - Select **Brightness** to set the brightness level of the screen.
   - Select **Alerts** to turn on the screen for alerts.
   - Select **Wrist Gesture** to turn on the screen by raising and turning your arm to look at your wrist.
   - Select **Timeout** to set the length of time before the screen turns off.

Customizing Sleep Mode

1. Hold **MENU**.
2. Select **System** > **Sleep Mode**.
3. Select an option:
   - Select **Schedule**, select a day, and enter your normal sleep hours.
   - Select **Watch Face** to use the sleep watch face.
   - Select **Display** to configure the screen brightness and timeout.
   - Select **Touch** to turn the touchscreen on or off.
   - Select **Do Not Disturb** to enable or disable do not disturb mode.
   - Select **Battery Saver** to enable or disable battery saver mode (*Customizing the Battery Saver Feature, page 54*).

Customizing the Hot Keys

You can customize the hold function of individual buttons and combinations of buttons.

1. Hold **MENU**.
2. Select **System** > **Hot Keys**.
3. Select a button or combination of buttons to customize.
4. Select a function.

Changing the Units of Measure

You can customize units of measure for distance, pace and speed, elevation, weight, height, and temperature.

1. Hold **MENU**.
2. Select **System** > **Format** > **Units**.
3. Select a measurement type.
4. Select a unit of measure.

Syncing Activities and Performance Measurements

You can sync activities and performance measurements from other Garmin devices to your fēnix watch using your Garmin Connect account. This allows your watch to more accurately reflect your training status and fitness. For example, you can record a ride with an Edge device, and view your activity details and overall training load on your quatix watch.

1. Hold **MENU**.
2. Select **System** > **Physio TrueUp**.

When you sync your watch with your phone, recent

activities and performance measurements from your other Garmin devices appear on your quatix watch.

Viewing Device Information

You can view device information, such as the unit ID, software version, regulatory information, and license agreement.

1. Hold **MENU**.
2. Select **System** > **About**.

Viewing E-label Regulatory and Compliance Information

The label for this device is provided electronically. The e-label may provide regulatory information, such as identification numbers provided by the FCC or regional compliance markings, as well as applicable product and licensing information.

1. Hold **MENU**.
2. From the system menu, select **About**.

Device Information

About the AMOLED Display

By default, the watch settings are optimized for battery life and performance (*Tips for Maximizing the Battery Life, page 60*).

Image persistence, or pixel "burn-in," is normal behavior for AMOLED devices. To extend the display life, you should avoid displaying static images at high brightness levels for long time periods. To minimize burn-in, the quatix display turns off after the selected timeout (*Changing the Screen Settings, page 56*). You can turn your wrist toward your body, tap the touchscreen, or press a button to wake the device.

Charging the Watch

⚠WARNING

This device contains a lithium-ion battery. See the Important Safety and Product Information guide in the product box for product warnings and other important information.

NOTICE

To prevent corrosion, thoroughly clean and dry the contacts and the surrounding area before charging or connecting to a computer. Refer to the cleaning instructions (*Device Care, page 58*).

1. Plug the small end of the USB cable into the charging port on your watch.



2. Plug the large end of the USB cable into a USB charging port.
3. Charge the watch completely.

Specifications

NOTICE

Typical value tested under Garmin's laboratory conditions. The actual battery life depends on the features enabled on your device and environmental factors, such as activity tracking, wrist-based heart rate, smartphone notifications frequency, GPS status, internal sensors, and connected sensors.

Battery type	Rechargeable, built-in lithium-ion battery
Water rating	10 ATM[1]
Operating and storage tempera ture range	From -20° to 45°C (from -4° to 113°F)
USB charging temperature range	From 0° to 45°C (from 32° to 113°F)
Wireless frequencies	2.4 GHz @ 41.21 mW maximum

[1] The device withstands pressure equivalent to a depth of 100 m. For more information, go to *Garmin.com.sg/legal/waterrating*.

Battery Life Information

The actual battery life depends on the features enabled on your device, such as activity tracking, wrist-based heart rate, smartphone notifications, GPS, internal sensors, and connected sensors (*Tips for Maximizing the Battery Life, page 60*).

Mode	Quatix 7 Standard Battery Life	Quatix 7 Sapphire Battery Life
Smartwatch mode	Up to 18 days	Up to 16 days
Battery saver watch mode	Up to 57 days	Up to 21 days
GPS only mode	Up to 57 hours.	Up to 42 hours.

Mode	Quatix 7 Standard Battery Life	Quatix 7 Sapphire Battery Life
All satellite systems mode	Up to 40 hours	Up to 32 hours
All Satellite Systems + Multi-band	Not available	Up to 20 hours
All satellite systems with music mode	Up to 10 hours	Up to 10 hours
Max. battery GPS mode	Up to 136 hours	Up to 75 hours
Expedition GPS mode	Up to 40 days	Up to 14 days

Device Care

NOTICE

Do not use a sharp object to clean the device.

Avoid chemical cleaners, solvents, and insect repellents that can damage plastic components and finishes.

Thoroughly rinse the device with fresh water after exposure to chlorine, salt water, sunscreen, cosmetics, alcohol, or other harsh chemicals. Prolonged exposure to these substances can damage the case.

Avoid pressing the keys under water.

Keep the leather band clean and dry. Avoid swimming or showering with the leather band. Exposure to water or sweat can damage or discolor the leather band. Use silicone bands as an alternative.

Avoid extreme shock and harsh treatment, because it can degrade the life of the product.

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Cleaning the Watch

⚠CAUTION

Some users may experience skin irritation after prolonged use of the watch, especially if the user has sensitive skin or allergies. If you notice any skin irritation, remove the watch and give your skin time to heal. To help prevent skin irritation, ensure the watch is clean and dry, and do not overtighten the watch on your wrist.

NOTICE

Even small amounts of sweat or moisture can cause corrosion of the electrical contacts when connected to a charger. Corrosion can prevent charging and data transfer.

Wipe the watch using a cloth dampened with a mild detergent solution.

1. Wipe it dry.
2. After cleaning, allow the watch to dry completely.

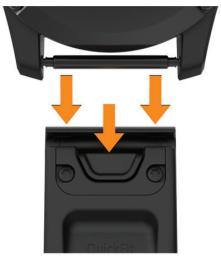
TIP: For more information, go to *Garmin.com.sg/legal/fit-and-care*.

Cleaning the Leather Bands

1. Wipe the leather bands with a dry cloth.
2. Use a leather conditioner to clean the leather bands.

Changing the QuickFit® Bands

1. Slide the latch on the QuickFit band, and remove the band from the watch.



2. Align the new band with the watch.
3. Press the band into place.

   NOTE: Make sure the band is secure. The latch should close over the watch pin.
4. Repeat steps 1 through 3 to change the other band.

Data Management

NOTE: The device is not compatible with Windows 95, 98, Me, Windows NT®, and Mac® OS 10.3 and earlier.

Deleting Files

NOTICE

If you do not know the purpose of a file, do not delete it. Your device memory contains important system files that should not be deleted.

1. Open the **Garmin** drive or volume.
2. If necessary, open a folder or volume.
3. Select a file.
4. Press the **Delete** key on your keyboard.

   NOTE: Mac operating systems provide limited support for MTP file transfer mode. You must open the Garmin drive on a Windows operating system. You should use the Garmin Express application to remove music files from your device.

Troubleshooting

Product Updates

Your watch automatically checks for updates when connected to Bluetooth or Wi-Fi. You can manually check for updates from the system settings (*System Settings, page 55*).On your computer, install Garmin Express (*Garmin.com.sg/express*). On your phone, install the Garmin Connect app.

This provides easy access to these services for Garmin devices:

- Software updates
- Map updates
- Course updates
- Data uploads to Garmin Connect
- Product registration

Getting More Information

You can find more information about this product on the Garmin website.

- Go to *support.Garmin.com* for additional manuals, articles, and software updates.
- Go to *buy.garmin.com*, or contact your Garmin dealer for information about optional accessories and replacement parts.
- Go to *Garmin.com.sg/legal/atdisclaimer* for information about feature accuracy.

  This is not a medical device.

My device is in the wrong language

You can change the device language selection if you have accidently selected the wrong language on the device.

1. Hold **MENU**.
2. Scroll down to the last item in the list, and press **START**.
3. Press **START**.
4. Select your language.

Is my phone compatible with my watch?

The quatix watch is compatible with phones using Bluetooth technology.

Go to *Garmin.com.sg/ble* for Bluetooth compatibility information.

My phone will not connect to the watch

If your phone will not connect to the watch, you can try these tips.

- Turn off your phone and your watch, and turn them back on again.
- Enable Bluetooth technology on your phone.
- Update the Garmin Connect app to the latest version.
- Remove your watch from the Garmin Connect app and the Bluetooth settings on your phone to retry the pairing process.
- If you bought a new phone, remove your watch from the Garmin Connect app on the phone you intend to stop using.
- Bring your phone within 10 m (33 ft.) of the watch.
- On your phone, open the Garmin Connect app, select ☰ or •••, and select **Garmin Devices** > **Add Device** to enter pairing mode.
- From the watch face, hold **MENU**, and select **Phone** > **Pair Phone**.

Can I use my Bluetooth sensor with my watch?

The device is compatible with some Bluetooth sensors. The first time you connect a sensor to your Garmin device, you must pair the device and sensor. After they are paired, the device connects to the sensor automatically when you start an activity and the sensor is active and within range.

1. Hold **MENU**.
2. Select **Sensors & Accessories** > **Add New**.
3. Select an option:
   - Select **Search All Sensors**.
   - Select your sensor type.

   You can customize the optional data fields (*Customizing the Data Screens, page 15*).

My headphones will not connect to the watch

If your headphones were previously connected to your phone using Bluetooth technology, they may connect to your phone before connecting to your watch. You can try these tips.

- Turn off Bluetooth technology on your phone.

  Refer to the owner's manual for your phone for more information.
- Stay 10 m (33 ft.) away from your phone while connecting headphones to your watch.
- Pair your headphones with your watch (*Connecting Bluetooth Headphones, page 44*).

My music cuts out or my headphones do not stay connected

When using a quatix watch connected to headphones using Bluetooth technology, the signal is strongest when there is a direct line of sight between the watch and the antenna on the headphones.

- If the signal passes through your body, you may experience signal loss or your headphones may become disconnected.
- It is recommended to wear your headphones with the antenna on the same side of your body as your

quatix watch.

- Since headphones vary by model, you can try moving the watch to your other wrist.
- If you are using metal or leather watch bands, you can switch to silicone watch bands to improve signal strength.

Restarting Your Device

1. Hold **LIGHT** until the device turns off.
2. Hold **LIGHT** to turn on the device.

Resetting All Default Settings

You can reset all of the device settings to the factory default values.

1. Hold **MENU**.
2. Select **System** > **Reset**.
3. Select an option:
   - To reset all of the device settings to the factory default values and save all user-entered information and activity history, select **Reset Default Settings**.
   - To delete all activities from the history, select **Delete All Activities**.
   - To reset all distance and time totals, select **Reset Totals**.
   - To reset all of the device settings to the factory default values and delete all user-entered information and activity history, select **Delete Data** and **Reset Settings**.
     NOTE: If you have set up a Garmin Pay wallet, this option deletes the wallet from your device. If you have music stored on your device, this option deletes your stored music.

Tips for Maximizing the Battery Life

To extend the life of the battery, you can try these tips.

Change the power mode during an activity (*Changing the Power Mode, page 55*).

- Turn on the battery saver feature from the controls menu (*Controls, page 33*).
- Reduce the screen timeout (*Changing the Screen Settings, page 56*).
- Reduce the screen brightness (*Changing the Screen Settings, page 56*).
- Use UltraTrac satellite mode for your activity (*Satellite Settings, page 19*).
- Turn off Bluetooth technology when you are not using connected features (*Controls, page 33*).
- When pausing your activity for a longer period of time, use the Resume Later option (*Stopping an Activity, page 7*).
- Use a watch face that is not updated every second.
- For example, use a watch face without a second hand (*Customizing the Watch Face, page 24*).
- Limit the phone notifications the watch displays (*Managing Notifications, page 45*).
- Stop broadcasting heart rate data to paired devices (*Broadcasting Heart Rate Data, page 36*).
- Turn off wrist-based heart rate monitoring (*Wrist Heart Rate Monitor Settings, page 35*).

  NOTE: Wrist-based heart rate monitoring is used to calculate vigorous intensity minutes and calories burned.
- Turn on manual pulse oximeter readings (*Setting the Pulse Oximeter Mode, page 37*).

Acquiring Satellite Signals

The device may need a clear view of the sky to acquire satellite signals. The time and date are set automatically based on the GPS position.

TIP: For more information about GPS, go to *Garmin.com.sg/about-gps*.

1. Go outdoors to an open area.

   The front of the device should be oriented toward the sky.
2. Wait while the device locates satellites.

   It may take 30–60 seconds to locate satellite signals.

Improving GPS Satellite Reception

- Frequently sync the watch to your Garmin account:
  - Connect your watch to a computer using the USB cable and the Garmin Express application.
  - Sync your watch to the Garmin Connect app using your Bluetooth enabled phone.
  - Connect your watch to your Garmin account using a Wi-Fi wireless network.

  While connected to your Garmin account, the watch downloads several days of satellite data, allowing it to quickly locate satellite signals.
- Take your watch outside to an open area away from tall buildings and trees.
- Remain stationary for a few minutes.

The temperature reading is not accurate

Your body temperature affects the temperature reading for the internal temperature sensor. To get the most accurate temperature reading, you should remove the watch from your wrist and wait 20 to 30 minutes.

You can also use an optional tempe external temperature sensor to view accurate ambient temperature readings while wearing the watch.

Activity Tracking

For more information about activity tracking accuracy, go to *Garmin.com.sg/legal/atdisclaimer*.

My daily step count does not appear

The daily step count is reset every night at midnight.

If dashes appear instead of your step count, allow the device to acquire satellite signals and set the time automatically.

My step count does not seem accurate

If your step count does not seem accurate, you can try these tips.

- Wear the watch on your non-dominant wrist.
- Carry the watch in your pocket when pushing a stroller or lawn mower.
- Carry the watch in your pocket when actively using your hands or arms only.

NOTE: The watch may interpret some repetitive motions, such as washing dishes, folding laundry, or clapping your hands, as steps.

The step counts on my device and my Garmin Connect account don't match

The step count on your Garmin Connect account updates when you sync your device.

1. Select an option:
   - Sync your step count with the Garmin Express application (*Using Garmin Connect on Your Computer, page 47*).
   - Sync your step count with the Garmin Connect app (*Using the Garmin Connect App, page 46*).
2. Wait while the device syncs your data.

   Syncing can take several minutes.

   NOTE: Refreshing the Garmin Connect app or the Garmin Express application does not sync your data or update your step count.

The floors climbed amount does not seem accurate

Your watch uses an internal barometer to measure elevation changes as you climb floors. A floor climbed is equal to 3 m (10 ft.).

- Avoid holding handrails or skipping steps while climbing stairs.
- In windy environments, cover the watch with your sleeve or jacket as strong gusts can cause erratic readings.

Appendix

Data Fields

NOTE: Not all data fields are available for all activity types. Some data fields require ANT+ or Bluetooth accessories to display data. Some data fields appear in more than one category on the watch.

TIP: You can also customize the data fields from the watch settings in the Garmin Connect app.

Cadence Fields

Name	Description
Avg. Cadence	Cycling. The average cadence for the current activity.
Avg. Cadence	Running. The average cadence for the current activity.
Cadence	Cycling. The number of revolutions of the crank arm. Your device must be connected to a cadence accessory for this data to appear.
Cadence	Running. The steps per minute (right and left).
Lap Cadence	Cycling. The average cadence for the current lap.
Lap Cadence	Running. The average cadence for the current lap.
Last Lap Cad.	Cycling. The average cadence for the last completed lap.
Last Lap Cad.	Running. The average cadence for the last completed lap.

Charts

Name	Description
Barometer Chart	A chart showing the barometric pressure over time.
Elevation Chart	A chart showing the elevation over time.
Heart Rate Chart	A chart showing your heart rate throughout the activity.
Pace Chart	A chart showing your pace throughout the activity.
Speed Chart	A chart showing your speed throughout the activity.

Compass Fields

Name	Description
Compass Hdg.	The direction you are moving based on the compass.
GPS Heading	The direction you are moving based on GPS.
Heading	The direction you are moving.

Distance Fields

Name	Description
Distance	The distance traveled for the current track or activity.
Int. Distance	The distance traveled for the current interval.
Lap Distance	The distance traveled for the current lap.
Last Lap Dist.	The distance traveled for the last completed lap.

Name	Description
Nautical Dist	The distance traveled in nautical meters or nautical feet.

Elevation Fields

Name	Description
Avg. Ascent	The average vertical distance of ascent since the last reset.
Avg. Descent	The average vertical distance of descent since the last reset.
Elevation	The altitude of your current location above or below sea level.
Glide Ratio	The ratio of horizontal distance traveled to the change in vertical distance.
GPS Elevation	The altitude of your current location using GPS.
Grade	The calculation of rise (elevation) over run (distance). For example, if for every 3 m (10 ft.) you climb you travel 60 m (200 ft.), the grade is 5%.
Lap Ascent	The vertical distance of ascent for the current lap.
Lap Descent	The vertical distance of descent for the current lap.
Last Lap Ascent	The vertical distance of ascent for the last completed lap.
Last Lap Descent	The vertical distance of descent for the last completed lap.
Max. Ascent	The maximum rate of ascent in feet per minute or meters per minute since the last reset.
Max. Descent	The maximum rate of descent in meters per minute or feet per minute since the last reset.
Max. Elevation	The highest elevation reached since the last reset.
Min. Elevation	The lowest elevation reached since the last reset.
Total Ascent	The total elevation distance ascended since the last reset.
Total Descent	The total elevation distance descended since the last reset.

Floors Fields

Name	Description
Floors Climbed	The total number of floors climbed up for the day.
Floors Descended	The total number of floors climbed down for the day.
Floors per Minute	The number of floors climbed up per minute.

Gears

Name	Description
Di2 Battery	The remaining battery power of a Di2 sensor.
Front	The front bike gear from a gear position sensor.
Gear Battery	The battery status of a gear position sensor.
Gear Combo	The current gear combination from a gear position sensor.
Gears	The front and rear bike gears from a gear position sensor.
Gear Ratio	The number of teeth on the front and rear bike gears, as detected by a gear position sensor.
Rear	The rear bike gear from a gear position sensor.

Graphical

Name	Description
Cadence Gauge	Running. A color gauge showing your current cadence range.
Compass Gauge	The direction you are moving based on the compass.
GCT Balance Gauge	A color gauge showing the left/right balance of ground contact time while running.
Ground Contact Time Gauge	A color gauge showing the amount of time in each step that you spend on the ground while running, measured in milliseconds.
Heart Rate Gauge	A color gauge showing your current heart rate zone.
Heart Rate Zones Ratio	A color gauge showing the ratio of time spent in each heart rate zone.
PacePro Gauge	Running. Your current split pace and your target split pace.
Power Gauge	A color gauge showing your current power zone.
Stamina Gauge (Dist.)	A gauge showing your current stamina distance remaining.
Stamina Gauge (Time)	A gauge showing your current stamina time remaining.
Total Ascent/ Descent Gauge	The total elevation distances ascended and descended during the activity or since the last reset.
Training Effect Gauge	The impact of the current activity on your aerobic and anaerobic fitness levels.
Vertical Oscillation Gauge	A color gauge showing the amount of bounce while you are running.
Vertical Ratio Gauge	A color gauge showing the ratio of vertical oscillation to stride length.

Heart Rate Fields

Name	Description
%HRR	The percentage of heart rate reserve (maximum heart rate minus resting heart rate).
Aerobic TE	The impact of the current activity on your aerobic fitness level.
Anaerobic TE	The impact of the current activity on your anaerobic fitness level.
Avg. %HRR	The average percentage of heart rate reserve (maximum heart rate minus resting heart rate) for the current activity.
Average HR	The average heart rate for the current activity.
Avg HR %Max.	The average percentage of maximum heart rate for the current activity.
Heart Rate	Your heart rate in beats per minute (bpm). Your device must have wrist-based heart rate or be connected to a compatible heart rate monitor.
HR %Max.	The percentage of maximum heart rate.
HR Zone	The current range of your heart rate (1 to 5). The default zones are based on your user profile and maximum heart rate (220 minus your age).
Int. Avg. %HRR	The average percentage of heart rate reserve (maximum heart rate minus resting heart rate) for the current swim interval.
Int. Avg. %Max.	The average percentage of maximum heart rate for the current swim interval.
Int. Avg. HR	The average heart rate for the current swim interval.
Int. Max. %HRR	The maximum percentage of heart rate reserve (maximum heart rate minus resting heart rate) for the current swim interval.
Int. Max. %Max.	The maximum percentage of maximum heart rate for the current swim interval.
Int. Max. HR	The maximum heart rate for the current swim interval.
Lap %HRR	The average percentage of heart rate reserve (maximum heart rate minus resting heart rate) for the current lap.
Lap HR	The average heart rate for the current lap.
Lap HR %Max.	The average percentage of maximum heart rate for the current lap.
Last Lap %HRR	The average percentage of heart rate reserve (maximum heart rate minus resting heart rate) for the last completed lap.
Last Lap HR	The average heart rate for the last completed lap.
L. Lap HR %Max.	The average percentage of maximum heart rate for the last completed lap.
Time in Zone	The time elapsed in each heart rate zone.

Lengths Fields

Name	Description
Interval Lengths	The number of pool lengths completed during the current interval.
Lengths	The number of pool lengths completed during the current activity.

Muscle Oxygen Fields

Name	Description
Muscle O2 Saturation %	The estimated muscle oxygen saturation percentage for the current activity.
Total Hemoglobin	The estimated total hemoglobin concentration in the muscle.

Navigation Fields

Name	Description
Bearing	The direction from your current location to a destination. You must be navigating for this data to appear.
Course	The direction from your starting location to a destination. Course can be viewed as a planned or set route. You must be navigating for this data to appear.
Dest. Wpt	The last point on the route to the destination. You must be navigating for this data to appear.
Dist. Remaining	The remaining distance to the final destination. You must be navigating for this data to appear.
Distance To Next	The remaining distance to the next waypoint on the route. You must be navigating for this data to appear.
Estimated Total Distance	The estimated distance from the start to the final destination. You must be navigating for this data to appear.
ETA	The estimated time of day when you will reach the final destination (adjusted to the local time of the destination). You must be navigating for this data to appear.
ETA at Next	The estimated time of day when you will reach the next waypoint on the route (adjusted to the local time of the waypoint). You must be navigating for this data to appear.
ETE	The estimated time remaining until you reach the final destination. You must be navi gating for this data to appear.

Name	Description
Glide Ratio Dest.	The glide ratio required to descend from your current position to the destination elevation. You must be navigating for this data to appear.
Next Waypoint	The next point on the route. You must be navigating for this data to appear.
Off Course	The distance to the left or right by which you have strayed from the original path of travel. You must be navigating for this data to appear.
Time to Next	The estimated time remaining before you reach the next waypoint in the route. You must be navigating for this data to appear.
VMG	The speed at which you are closing on a destination along a route. You must be navi gating for this data to appear.
V Dist to Dest	The elevation distance between your current position and the final destination. You must be navigating for this data to appear.
Vert Spd to Tgt	The rate of ascent or descent to a predetermined altitude. You must be navigating for this data to appear.

Other Fields

Name	Description
Ambient Press.	The uncalibrated environmental pressure.
Baro. Pressure	The current calibrated environmental pressure.
Battery Level	The watch battery level.
Calories	The calories burned throughout the day.
Floors Climbed	The total number of floors climbed up for the day.
Floors Descended	The total number of floors climbed down for the day.
Floors per Minute	The number of floors climbed up per minute.
Grit	The measurement of difficulty for the current activity based on elevation, gradient, and rapid changes in direction.
Lap Flow	The overall flow score for the current lap.
Lap Grit	The overall grit score for the current lap.
Laps	The number of laps completed for the current activity.
Load	The training load for the current activity. Training load is the amount of excess post- exercise oxygen consumption (EPOC), which indicates the strenuousness of your workout.
Perform. Cond.	The performance condition score is a real-time assessment of your ability to perform.
Reps	During a strength training activity, the number of repetitions in a workout set.
Runs	The number of runs for the activity.
Set Timer	During a strength training activity, the amount of time spent in the current workout set.
Stress	Your current stress level.
Sunrise	The time of sunrise based on your GPS position.
Sunset	The time of sunset based on your GPS position.
Time of Day	The time of day based on your current location and time settings (format, time zone, daylight saving time).

Pace Fields

Name	Description
500m Pace	The current rowing pace per 500 meters.
Avg. 500m Pace	The average rowing pace per 500 meters for the current activity.
Average Pace	The average pace for the current activity.
Int. Pace	The average pace for the current interval.
Lap 500m Pace	The average rowing pace per 500 meters for the current lap.
Lap Pace	The average pace for the current lap.
LL 500m Pace	The average rowing pace per 500 meters for the last lap.
Last Lap Pace	The average pace for the last completed lap.
Last Len. Pace	The average pace for your last completed pool length.

PacePro Fields

Name	Description
Next Split Distance	Running. The total distance of the next split.
Next Split Target Pace	Running. The target pace for the next split.
Overall Ahead/ Behind	Running. The overall time ahead or behind of the target pace.

Name	Description
Split Distance	Running. The total distance of the current split.
Split Distance Remaining	Running. The remaining distance of the current split.
Split Pace	Running. The pace for the current split.
Split Target Pace	Running. The target pace for the current split.

Power Fields

Name	Description
% FTP	The current power output as a percentage of functional threshold power.
3s Avg. Balance	The 3-second moving average of the left/right power balance.
3s Avg. Power	The 3-second moving average of power output.
10s Avg Balance	The 10-second moving average of the left/right power balance.
10s Avg. Power	The 10-second moving average of power output.
30s Avg Balance	The 30-second moving average of the left/right power balance.
30s Avg. Power	The 30-second moving average of power output.
Avg. Balance	The average left/right power balance for the current activity.
Avg. L. PP	The average power phase angle for the left leg for the current activity.
Average Power	The average power output for the current activity.
Avg. R. PP	The average power phase angle for the right leg for the current activity.
Avg. L. PPP	The average power phase peak angle for the left leg for the current activity.
Avg. PCO	The average platform center offset for the current activity.
Avg. R. PPP	The average power phase peak angle for the right leg for the current activity.
Balance	The current left/right power balance.
Intensity Factor	The Intensity Factor™ for the current activity.
Lap Balance	The average left/right power balance for the current lap.
Lap L. PPP	The average power phase peak angle for the left leg for the current lap.
Lap L. PP	The average power phase angle for the left leg for the current lap.
Lap NP	The average Normalized Power™ for the current lap.
Lap PCO	The average platform center offset for the current lap.
Lap Power	The average power output for the current lap.
Lap R. PPP	The average power phase peak angle for the right leg for the current lap.
Lap R. PP	The average power phase angle for the right leg for the current lap.
Last Lap NP	The average Normalized Power for the last completed lap.
Last Lap Power	The average power output for the last completed lap.
Left PPP	The current power phase peak angle for the left leg. Power phase peak is the angle range over which the rider produces the peak portion of the driving force.
Left PP	The current power phase angle for the left leg. Power phase is the pedal stroke region where positive power is produced.
Max. Lap Power	The top power output for the current lap.
Max Power	The top power output for the current activity.
NP	The Normalized Power for the current activity.
Pedal Smooth.	The measurement of how evenly a rider is applying force to the pedals throughout each pedal stroke.
PCO	The platform center offset. Platform center offset is the location on the pedal platform where force is applied.
Power	Cycling. The current power output in watts.
Power to Weight	The current power measured in watts per kilogram.
Power Zone	The current range of power output (1 to 7) based on your FTP or custom settings.
Right PPP	The current power phase peak angle for the right leg. Power phase peak is the angle range over which the rider produces the peak portion of the driving force.
Right PP	The current power phase angle for the right leg. Power phase is the pedal stroke region where positive power is produced.
Time in Zone	The time elapsed in each power zone.
Time Seat.	The time spent seated while pedaling for the current activity.
Time Seat. Lap	The time spent seated while pedaling for the current lap.

Name	Description
Time Stand.	The time spent standing while pedaling for the current activity.
Time Stand. Lap	The time spent standing while pedaling for the current lap.
TSS	The Training Stress Score™ for the current activity.
Torque Eff.	The measurement of how efficiently a rider is pedaling.
Work	The accumulated work performed (power output) in kilojoules.

Rest Fields

Name	Description
Repeat On	The timer for the last interval plus the current rest (pool swimming).
Rest Timer	The timer for the current rest (pool swimming).

Run Dynamics

Name	Description
Avg. GCT Bal.	The average ground contact time balance for the current session.
Avg GCT	The average amount of ground contact time for the current activity.
Avg. Stride Len.	The average stride length for the current session.
Avg. Vert. Osc.	The average amount of vertical oscillation for the current activity.
Avg. Vert. Ratio	The average ratio of vertical oscillation to stride length for the current session.
GCT Balance	The left/right balance of ground contact time while running.
GCT	The amount of time in each step that you spend on the ground while running, measured in milliseconds. Ground contact time is not calculated while walking.
Lap GCT Bal.	The average ground contact time balance for the current lap.
Lap GCT	The average amount of ground contact time for the current lap.
Lap Stride Len.	The average stride length for the current lap.
Lap Vert. Osc.	The average amount of vertical oscillation for the current lap.
Lap Vert. Ratio	The average ratio of vertical oscillation to stride length for the current lap.
Stride Length	The length of your stride from one footfall to the next, measured in meters.
Vertical Osc.	The amount of bounce while you are running. The vertical motion of your torso, measured in centimeters for each step.
Vertical Ratio	The ratio of vertical oscillation to stride length.

Speed Fields

Name	Description
Avg. Moving Speed	The average speed when moving for the current activity.
Avg. Overall Speed	The average speed for the current activity, including both moving and stopped speeds.
Avg. Speed	The average speed for the current activity.
Avg. Nautical SOG	The average speed of travel in knots for the current activity, regardless of the course steered and temporary variations in heading.
Nautical Avg. Speed	The average speed in knots for the current activity.
Lap SOG	The average speed of travel for the current lap, regardless of the course steered and temporary variations in heading.
Lap Speed	The average speed for the current lap.
Last Lap SOG	The average speed of travel for the last completed lap, regardless of the course steered and temporary variations in heading.
Last Lap Speed	The average speed for the last completed lap.
Maximum SOG	The maximum speed of travel for the current activity, regardless of the course steered and temporary variations in heading.
Maximum Speed	The top speed for the current activity.
Max. Nautical SOG	The maximum speed of travel in knots for the current activity, regardless of the course steered and temporary variations in heading.
Max. Nautical Speed	The maximum speed in knots for the current activity.
Nautical SOG	The actual speed of travel in knots, regardless of the course steered and temporary variations in heading.
Nautical Speed	The current speed in knots.
Speed	The current rate of travel.
SOG	The actual speed of travel, regardless of the course steered and temporary variations in heading.
Vert. Spd.	The rate of ascent or descent over time.

Stamina Fields

Name	Description
Current	The current remaining stamina.
Distance Remaining	The current stamina distance remaining at the current effort.
Potential	The current potential stamina.
Time Remaining	The current stamina time remaining at the current effort.

Stroke Fields

Name	Description
Avg Dist Per Stk	Swimming. The average distance traveled per stroke during the current activity.
Avg Dist Per Stk	Paddle sports. The average distance traveled per stroke during the current activity.
Avg. Strk Rate	Paddle sports. The average number of strokes per minute (spm) during the current activity.
Avg. Strk Rate	Swimming. The average number of strokes per minute (spm) during the current activity.
Avg. Strk/ Len	The average number of strokes per pool length during the current activity.
Dist. Per Stroke	Paddle sports. The distance traveled per stroke.
Int Strk Rate	The average number of strokes per minute (spm) during the current interval.
Int Strk/ Len	The average number of strokes per pool length during the current interval.
Int Strk Type	The current stroke type for the interval.
Lap Dist Per Stk	Swimming. The average distance traveled per stroke during the current lap.
Lap Dist Per Stk	Paddle sports. The average distance traveled per stroke during the current lap.
Lap Strk Rate	Swimming. The average number of strokes per minute (spm) during the current lap.
Lap Strk Rate	Paddle sports. The average number of strokes per minute (spm) during the current lap.
Lap Strokes	Swimming. The total number of strokes for the current lap.
Lap Strokes	Paddle sports. The total number of strokes for the current lap.
L Lap Dist P Stk	Swimming. The average distance traveled per stroke during the last completed lap.
L Lap Dist P Stk	Paddle sports. The average distance traveled per stroke during the last completed lap.
L. Lap Stk. Rate	Swimming. The average number of strokes per minute (spm) during the last completed lap.
L. Lap Stk. Rate	Paddle sports. The average number of strokes per minute (spm) during the last completed lap.
L. Lap Strokes	Swimming. The total number of strokes for the last completed lap.
L. Lap Strokes	Paddle sports. The total number of strokes for the last completed lap.
L. Len. Stk. Rate	The average number strokes per minute (spm) during the last completed pool length.
L. Len. Strokes	The total number of strokes for the last completed pool length.
L. Len. Stk. Type	The stroke type used during the last completed pool length.
Stroke Rate	Swimming. The number of strokes per minute (spm).
Stroke Rate	Paddle sports. The number of strokes per minute (spm).
Strokes	Swimming. The total number of strokes for the current activity.
Strokes	Paddle sports. The total number of strokes for the current activity.

Swolf Fields

Name	Description
Average Swolf	The average swolf score for the current activity. Your swolf score is the sum of the time for one length plus the number of strokes for that length (*Swim Terminology, page 8*). In open water swimming, 25 meters is used to calculate your swolf score.
Int. Swolf	The average swolf score for the current interval.
Lap Swolf	The swolf score for the current lap.
L. Lap Swolf	The swolf score for the last completed lap.
Last Len. Swolf	The swolf score for the last completed pool length.

Temperature Fields

Name	Description
24-Hour Max.	The maximum temperature recorded in the last 24 hours from a compatible temperature sensor.
24-Hour Min.	The minimum temperature recorded in the last 24 hours from a compatible temperature sensor.
Temperature	The temperature of the air. Your body temperature affects the temperature sensor. You can pair a tempe sensor with your device to provide a consistent source of accurate temperature data.

Timer Fields

Name	Description
Avg. Lap Time	The average lap time for the current activity.
Elapsed Time	The total time recorded. For example, if you start the activity timer and run for 10 minutes, then stop the timer for 5 minutes, then start the timer and run for 20 minutes, your elapsed time is 35 minutes.
Interval Time	The stopwatch time for the current interval.
Lap Time	The stopwatch time for the current lap.
Last Lap Time	The stopwatch time for the last completed lap.
Moving Time	The total time moving for the current activity.
Multisport Time	The total time for all sports in a multisport activity, including transitions.
Overall Ahead/ Behind	Running. The overall time ahead or behind of the target pace.
Stopped Time	The total time stopped for the current activity.
Swim Time	The swimming time for the current activity, not including rest time.
Timer	The current time of the countdown timer.

Color Gauges and Running Dynamics Data

In the Garmin Connect activity, the running dynamics data displays as colored graphs. The color zones are based on percentiles and show you how your running dynamics data compare to those of other runners.

Garmin has researched many runners of all different levels. The data values in the red or orange zones are typical for less experienced or slower runners. The data values in the green, blue, or purple zones are typical for more experienced or faster runners. More experienced runners tend to exhibit shorter ground contact times, lower vertical oscillation, lower vertical ratio, and higher cadence than less experienced runners. However, taller runners typically have slightly slower cadences, longer strides, and slightly higher vertical oscillation. Vertical ratio is your vertical oscillation divided by stride length. It is not correlated with height.

Go to *Garmin.com.sg/minisite/runningscience* for more information on running dynamics. For additional theories and interpretations of running dynamics data, you can search reputable running publications and websites.

Color Zone	Percentile in Zone	Cadence Range	Ground Contact Time Range
Purple	>95	>183 spm	<218 ms
Blue	70–95	174–183 spm	218–248 ms
Green	30–69	164–173 spm	249–277 ms
Orange	5–29	153–163 spm	278–308 ms
Red	<5	<153 spm	>308 ms

Ground Contact Time Balance Data

NOTE: In the Garmin Connect activity, the running dynamics data displays as colored graphs.

Ground contact time balance measures your running symmetry and appears as a percentage of your total ground contact time. For example, 51.3% with an arrow pointing left indicates the runner is spending more time on the

ground when on the left foot. If your data screen displays both numbers, for example 48–52, 48% is the left foot and 52% is the right foot.

Color Zone	Red	Orange	Green	Orange	Red
Symmetry	Poor	Fair	Good	Fair	Poor
Percent of Other Runners	5%	25%	40%	25%	5%
Ground Contact Time Balance	>52.2% L	50.8–52.2% L	50.7% L–50.7% R	50.8–52.2% R	>52.2% R

While developing and testing running dynamics, the Garmin team found correlations between injuries and greater imbalances with certain runners. For many runners, ground contact time balance tends to deviate further from 50–50 when running up or down hills. Most running coaches agree that a symmetrical running form is good. Elite runners tend to have quick and balanced strides.

You can watch the gauge or data field during your run or view the summary on your Garmin Connect account after your run. As with the other running dynamics data, ground contact time balance is a quantitative measurement to help you learn about your running form.

Vertical Oscillation and Vertical Ratio Data

NOTE: In the Garmin Connect activity, the running dynamics data displays as colored graphs.

The data ranges for vertical oscillation and vertical ratio are slightly different depending on the sensor and whether it is positioned at the chest (HRM-Pro, HRM-Run, or HRM-Tri accessories) or at the waist (Running Dynamics Pod accessory).

Color Zone	Percentile in Zone	Vertical Oscillation Range at Chest	Vertical Oscillation Range at Waist	Vertical Ratio at Chest	Vertical Ratio at Waist
Purple	>95	<6.4 cm	<6.8 cm	<6.1%	<6.5%
Blue	70–95	6.4–8.1 cm	6.8–8.9 cm	6.1–7.4%	6.5–8.3%
Green	30–69	8.2–9.7 cm	9.0–10.9 cm	7.5–8.6%	8.4–10.0%
Orange	5–29	9.8–11.5 cm	11.0–13.0 cm	8.7–10.1%	10.1–11.9%
Red	<5	>11.5 cm	>13.0 cm	>10.1%	>11.9%

VO2 Max. Standard Ratings

These tables include standardized classifications for VO2 max. estimates by age and gender.

Males	Percentile	20–29	30–39	40–49	50–59	60–69	70–79
Superior	95	55.4	54	52.5	48.9	45.7	42.1
Excellent	80	51.1	48.3	46.4	43.4	39.5	36.7
Good	60	45.4	44	42.4	39.2	35.5	32.3
Fair	40	41.7	40.5	38.5	35.6	32.3	29.4
Poor	0–40	<41.7	<40.5	<38.5	<35.6	<32.3	<29.4

Females	Percentile	20–29	30–39	40–49	50–59	60–69	70–79
Superior	95	49.6	47.4	45.3	41.1	37.8	36.7
Excellent	80	43.9	42.4	39.7	36.7	33	30.9
Good	60	39.5	37.8	36.3	33	30	28.1
Fair	40	36.1	34.4	33	30.1	27.5	25.9
Poor	0–40	<36.1	<34.4	<33	<30.1	<27.5	<25.9

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FTP Ratings

These tables include classifications for functional threshold power (FTP) estimates by gender.

Males	Watts per Kilogram (W/kg)
Superior	5.05 and greater
Excellent	From 3.93 to 5.04
Good	From 2.79 to 3.92
Fair	From 2.23 to 2.78
Untrained	Less than 2.23

Females	Watts per Kilogram (W/kg)
Superior	4.30 and greater
Excellent	From 3.33 to 4.29
Good	From 2.36 to 3.32
Fair	From 1.90 to 2.35
Untrained	Less than 1.90

FTP ratings are based on research by Hunter Allen and Andrew Coggan, PhD, Training and Racing with a Power Meter (Boulder, CO: VeloPress, 2010).

Wheel Size and Circumference

Your speed sensor automatically detects your wheel size. If necessary, you can manually enter your wheel circumference in the speed sensor settings.

The tire size is marked on both sides of the tire. This is not a comprehensive list. You can also measure the circumference of your wheel or use one of the calculators available on the internet.

Tire Size	Wheel Circumference (mm)
20 × 1.75	1515
20 × 1-3/8	1615
22 × 1-3/8	1770
22 × 1-1/2	1785
24 × 1	1753
24 × 3/4 Tubular	1785
24 × 1-1/8	1795
24 × 1.75	1890
24 × 1-1/4	1905
24 × 2.00	1925
24 × 2.125	1965
26 × 7/8	1920
26 × 1-1.0	1913
26 × 1	1952
26 × 1.25	1953
26 × 1-1/8	1970
26 × 1.40	2005
26 × 1.50	2010
26 × 1.75	2023
26 × 1.95	2050
26 × 2.00	2055
26 × 1-3/8	2068
26 × 2.10	2068
26 × 2.125	2070
26 × 2.35	2083
26 × 1-1/2	2100
26 × 3.00	2170
27 × 1	2145
27 × 1-1/8	2155
27 × 1-1/4	2161
27 × 1-3/8	2169
29 x 2.1	2288
29 x 2.2	2298
29 x 2.3	2326
650 x 20C	1938
650 x 23C	1944
650 × 35A	2090
650 × 38B	2105
650 × 38A	2125
700 × 18C	2070
700 × 19C	2080
700 × 20C	2086
700 × 23C	2096
700 × 25C	2105
700C Tubular	2130
700 × 28C	2136
700 × 30C	2146
700 × 32C	2155
700 × 35C	2168
700 × 38C	2180
700 × 40C	2200
700 × 44C	2235
700 × 45C	2242
700 × 47C	2268

Symbol Definitions

These symbols may appear on the device or accessory labels.



WEEE disposal and recycling symbol. The WEEE symbol is attached to the product in compliance with the EU directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). It is intended to deter the improper disposal of this product and to promote reuse and recycling.

May 2022