

# Garmin Mobile<sup>™</sup> 10

GPS receiver with

Bluetooth® wireless technology



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## Contents of Your Garmin Mobile<sup>™</sup> 10 Package

GPS 10x GPS receiver with Bluetooth® wireless technology

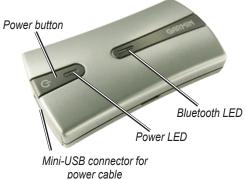
#### 3.7 Volt Lithium-ion battery

**Belt clip** that makes your GPS 10x receiver completely portable

**12-volt power cable** to power and charge the GPS 10x receiver in your vehicle

**DVD-ROM** with nRoute<sup>™</sup> navigation software and Garmin Mobile<sup>™</sup> XT navigation software and detailed maps

**Yellow sheet** that contains your unit's serial number, registration code for registering on Garmin's Web site, and unlock code to unlock detailed maps



power cable

If you ordered your GPS 10x receiver from the Garmin Mobile Buyer's Guide (at www.garmin.com/ mobilephones), the contents of your package may not match the contents listed above. In this case, compare your order confirmation and the packing list to the items in this package.



NOTE: Mobile device refers to the electronic device with Bluetooth® wireless technology that you will be using for navigation. A mobile device can be a laptop or notebook computer, or a handheld device or mobile phone with Windows Mobile® software, Symbian<sup>™</sup> software, or Palm OS® software.

## **1** Install the Battery

- 1. Locate the black or gray lithium-ion battery that came in the product box.
- 2. With your thumbnail, slide the battery cover release tab toward the end of the GPS 10x.
- 3. Pull the battery cover off.
- 4. Locate the metal contacts on the end of the lithiumion battery. Insert the battery so the metal contacts on the battery match up with the metal contacts inside the battery compartment. Press the battery down into place.
- Replace the battery cover by inserting the tabs into the notches. Press the battery cover closed; the release tab locks the cover in place.



#### Replacement Battery

If you need to replace the battery, use a Garmin 3.7 Volt lithium-ion battery pack (010-10840-00). Purchase a replacement battery at http://my.garmin.com/shop. You can also use a compatible cell phone battery, such as a Nokia BL-5C.

## Charge the GPS 10x Receiver

- 1. Plug the small end of the power cable into the mini-USB connector on the end of the GPS 10x.
- 2. Plug the other end of the power cable into an available power outlet in your vehicle.

You can use the GPS 10x receiver while you are charging it. It takes about four hours to charge the battery. A fully charged battery lasts about 22 hours.

## Install the Navigation Software on Your Mobile Device

Windows Mobile® and Palm OS® Users: Install Palm Desktop or Micrososft ActiveSync onto your computer before installing the navigation software.

- 1. Install a memory card into your mobile device.
- 2. Insert the enclosed installation disk into your computer's DVD-ROM drive.
- Follow the instructions in the installation disk's setup guide to install Garmin navigation software onto your mobile device.

**Note**: If you are prompted to enter an unlock code, enter the 25-character code listed on the yellow sheet in the product box.

Windows Mobile® Smartphone users: If the software installation does not start automatically, use the phone's file explorer to open the file named "Garmin Mobile XT" on the card to install Garmin Mobile XT.

If you purchased a memory card (instead of an installation disk) with this GPS 10x receiver, install the memory card into the mobile device now to automatically install the navigation software.

## **4** Set Up the Navigation Software

**Note**: Install the navigation software before establishing a Bluetooth connection with your mobile device.

- Press and hold the Power button on the top of the GPS 10x receiver to turn on the GPS 10x.
- 2. Ensure that the GPS 10x receiver is within 30 feet (10 meters) of your mobile device.
- Turn on your mobile device and enable the Bluetooth component. (Refer to your mobile device's documentation for specific instructions about enabling Bluetooth wireless technology.)
- Open nRoute or Garmin Mobile XT. The first time you open the navigation software, it automatically searches for the GPS 10x receiver.

After your device and the GPS 10x receiver have established a connection, the blue LED on the receiver begins blinking slowly.

If the GPS 10x receiver has not established a Bluetooth connection for several minutes, it turns off automatically. To manually turn the GPS 10x receiver off, press and hold the **Power** button.

#### Bluetooth LED Status

- Rapid Flashing Blue: power on, Bluetooth on
- Slow Flashing Blue: Bluetooth link to your mobile device established

#### Power LED Status

- Flashing Yellow Green: charging in progress
- Solid Yellow Green: battery is charged
- Flashing Orange: low battery
- Solid Orange: faulty battery or system error

## More Information on the Bluetooth® Wireless Connection

- Make sure the GPS 10x is turned on.
- If nRoute cannot find your GPS 10x, select
   Utilities > Select GPS, and click AutoDetect.
- Make sure the Bluetooth software on your mobile device is properly configured. nRoute connects to your GPS 10x using a COM port.
- The GPS 10x receiver PIN/passkey is 1234.
- See www.garmin.com/support/faqs. Enter "Bluetooth" and click **Search**.

## **5** Install the GPS 10x in a Vehicle

To communicate using Bluetooth® wireless technology, the GPS 10x receiver must be within approximately 30 feet (10 meters) of the mobile device.

To receive satellite signals, place the GPS 10x receiver where it has a clear view of the sky.

## **6** Acquire GPS Signals

Open the navigation software (nRoute or Garmin Mobile XT) on your mobile device. Check that the Blue LED on the GPS 10x receiver is slowly flashing blue, indicating a wireless connection. Go outdoors to an open area, away from tall buildings and trees. Acquiring satellite signals may take a few minutes.

When the Infobar in nRoute displays **Ready to Navigate**, your GPS 10x receiver has acquired satellite signals. When the bars in the upper-left corner of Garmin Mobile XT are green, your GPS 10x receiver has acquired satellite signals.

## **Customize Your Mobile Device's Settings**

Set your mobile device's auto-off and other power management settings to be suitable for your navigation experience. Refer to your mobile device's documentation for instructions

### Navigating with nRoute

For complete information on using nRoute, refer to the built-in Help system. Select **Help** > **nRoute Help**.

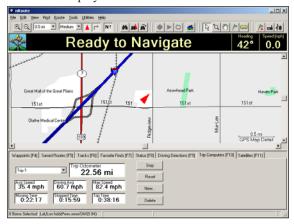
**Menu bar**: (along the top of the nRoute window) provides access to the features of the program. Click a heading (such as **Find**) to see the options in that menu. Click one of those options.

**Toolbars**: (below the Menu bar) provide you with quick access to commonly used nRoute features.

**Infobar**: (below the Toolbars) displays your GPS status and navigation instructions and information.

Map: shows your current location (indicated with a triangle ▲) and the areas around your location. The map moves as you move to constantly show your location.

**Information tabs**: display specific information about your trip and saved information, such as routes. Click on a tab to display it.



**Status bar**: (on the bottom of the nRoute window) displays your location information and the battery status of the GPS 10x receiver.

#### Viewing the Map

After you find a location, select **Route to It** to navigate to the location. The route is indicated with a green line. Directions appear in the InfoBar.

The  $\triangle$  position icon shows your position on the map.

#### Finding a Destination

The Find Places feature in nRoute™ allows you to search for map features such as cities, addresses, and map features. Follow the steps below to find a map feature, such as a restaurant or hotel.

- 1. Click Find Places, and then click Feature.
- 2. Select a **Place Category** and, if necessary, a **Place Subcategory**.
- Enter the name or part of the name of the location in the Name field. Enter the City, State/Province, and Country to refine your search, if necessary.
- 4. Click Find, and click a location in the list.
- 5. Click **Route To It** to navigate to the location. Or, choose one of the following:

- Preferences—customize nRoute's settings.
- Properties—view the address and telephone number of the location.
- Make Waypoint—save the location.
- OK—close the Find Places window and leave the selected location centered on the map.
- Cancel—close the Find Places window.

#### Playing Voice Instructions

Press the Space Bar or click the **Speak** button in the toolbar. nRoute gives you voice instructions for the next turn or gives you the satellite status.

#### Customizing nRoute

From the Menu bar, select **Edit** > **Preferences** to customize nRoute's settings. Click a tab and adjust the setting in the tab. Click **OK** when you are done.

## **Navigating with Garmin Mobile XT**

For complete information on using Garmin Mobile XT and troubleshooting tips, refer to the built-in Help system; select **3** Help on the main Garmin Mobile XT page. Also refer to the *Garmin Mobile XT Owner's Manual* by going to www.garmin.com/products/garminmobile10, and clicking the Manuals link.

Where to: Find addresses, Points of Interest (restaurants, hotels, attractions), intersections, and a variety of other locations in your detailed map.

**View map**: View a map of your current location. The map moves as you move to constantly show your current location.

**Exit**: close the Garmin Mobile XT application.

PeerPoints™: you have a new PeerPoints message.

Message: you have a new message from the Garmin Online™ server.

**Tools**: use tools that are useful for navigation, such



as Route Details, PeerPoints, and Garmin Online.

**Settings**: adjust the settings.

Help: learn more about Garmin Mobile XT.

Note: You may have to select Menu to see Tools, Settings, and Help.

#### Finding a Destination

The **Where to** menu provides several categories and sub-categories to help you find destinations. You can enter addresses, look up locations you recently found, and view locations you have saved.

- 1. Select Where to > Food, Hotels.
- Select a category. To find a location by name, select Spell Name, enter all or part of the name, and then select the location you want.
- Select a sub-category or select All Categories. A list of locations near your current location appears.



- 4. Select the location to open the location's information page.
- 5. Select **Go** to create a route to this location.

#### Information page options

Select Go to create a route to this location, select Map to view the location on a map, or select the **Phone** icon to call the location (if available). Select (Menu >)

Near Current Location 0007

2 Save to My Locations

3 Save to Contacts

4 Add as Via Point

7 Send Location

Menu

5 Weather

6 Dial

Thai Place

+1 913

Restaurant

Food & Drink: Asian 1 View on Map

**Options** to see more options:

- **Save to My Locations:** saves the location to My Locations, which is a collection of your favorite locations
- Save to Contacts: saves the location to your phone's contact list.
- Add as Via Point: adds the location to your current route.
- **Send Location**: sends your location as Garmin Location message.
- Weather: shows the current weather condition and a five-day forecast for that location.

#### Following the Route

After you find a location, select **Go** to create a route to it. The map automatically opens with your route indicated with a magenta line. The **A** position icon shows your position on the map. Directions appear at the top of the screen. Your current speed and estimated arrival time appear



at the bottom of the screen. If you are not navigating, your current speed and heading appear at the bottom of the screen

If you leave the map and want to return, select **View** map on the main Garmin Mobile XT page. Select Stop to stop the active route.

**Note**: By default, traffic is avoided when routes are generated. To change this and other routing settings, select (Menu >) Settings > Routing > Avoidance Setup.

#### **Using Garmin Online**™

Use Garmin Online to download location-relevant information such as hotel and fuel prices (USA only), live weather data, and traffic data. You can also download safety camera information (Europe only). Not all services are available in all areas. From the main Garmin Mobile XT page, select (Menu >) Tools > Garmin Online. Select an item to view, such as traffic, weather, hotels, and fuel prices.

Your Garmin Online account is activated automatically on most phones. Your phone must have a data connection and a data plan to access Garmin Online. Most Garmin Online data is free, but your phone's regular internet and data transfer charges apply.



By default, each time you start navigating a route, Garmin Mobile XT accesses Garmin Online to check for traffic incidents on your route. If there is a traffic incident, Garmin Mobile XT avoids the traffic when generating the route.

#### Understanding PeerPoints™

The PeerPoints feature allows you to send your current location information to other people using SMS text messaging. Your phone's normal messaging fees apply.

- From the main Garmin Mobile XT page, select (Menu >) Tools > PeerPoints.
- 2. Select **Contacts**, and then select a contact. To attach a map, select (**Menu** >) **Map**.
- To send the message select Select > Send PeerPoint > Send. To request a PeerPoints message from this contact, select Select > Request PeerPoint > Request.

Garmin Mobile XT users receive the PeerPoints message and can save the location and route to it.

### **Customizing Garmin Mobile XT**

- From the main Garmin Mobile XT page, select (Menu >) Settings.
- 2. Select a category to adjust those settings.
- 3. Select a setting you want to change, select the new option, and select **Done**.

## **Specifications**

Size: 0.697" H x 1.65" W x 3.04" D (17.7 x 41.9 x 77.1 mm)

**Weight**: 2.12 ounces (60 g)

Case: Rugged, but not waterproof

**Power Supply**: Rechargeable Lithium-ion, 22 hours (typical use); 12 VDC charging cable

**Operating Temperatures:** 

**Battery Powered**: 14°F to 140°F (-10°C to 60°C) **Externally Powered**: -22°F to 140°F (-30°C to 60°C) **Charging Temperature**: 41°F to 113°F (5°C to 45°C) **Storage Temperature**: -22°F to 140°F (-30°C to 60°C)

Wireless Interface: Connects using Bluetooth wireless technology (Class 2), to a laptop or notebook computer, a handheld device or mobile phone with Windows Mobile® software, Symbian™ software, or Palm OS® software that has Bluetooth wireless technology

**Interface Protocol**: NMEA 0183, sent. GGA/GSA/GSV/GLL/RMC/VTG, and Garmin proprietary

**GPS Receiver**: High sensitivity SiRFstarIII<sup>™</sup> GPS receiver; WAAS-enabled



For a complete list of specifications, see www.garmin.com/products/garminmobile10 and click the **Specifications** link.

#### **More Information/Contact Garmin**

For information on Garmin Mobile XT, refer to the built-in Help system; select (**Menu** >) **Help**. Also refer to the *Garmin Mobile XT Owner's Manual* at www.garmin.com/products/garminmobile10. Click the **Manuals** link.

For information on nRoute, see the nRoute Help system at **Help** > **nRoute Help** or press F1.

For frequently asked questions, see www.garmin.com/support/faqs. Enter "Bluetooth" and click **Search**.

To e-mail Garmin Product Support, go to www.garmin.com/support, and click **Product Support**.

In the USA, contact Garmin Product Support by phone at 913/397.8200 or 800/800.1020, Monday–Friday, 8 AM–5 PM Central Time. In Europe, contact Garmin (Europe) Ltd. at +44 (0) 870.8501241 (outside the UK) or at 0808.2380000 (within the UK).



#### Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury. Do not place

· When installing your mobile device in a vehicle, place the unit securely so it does not

Do not mount where driver's field of vision is blocked.



the vehicle dashboard.

airbag field of deployment.

- obstruct the driver's view of the road or interfere with vehicle operating controls, such as the steering wheel, foot pedals, or transmission levers. Do not place in front of or above any airbag. (See diagram.)
- When navigating, carefully compare information displayed on your mobile device to all available navigation sources, including information from street signs, visual sightings, and maps. For safety, always resolve any discrepancies or questions before continuing navigation and defer to posted road signs.
- Always operate the vehicle in a safe manner. Do not become distracted by your mobile device while driving, and always be fully aware of all driving conditions. Minimize the amount of time spent viewing your mobile device's screen while driving and use voice prompts when possible. Do not input destinations, change settings, or access any functions requiring prolonged use of your mobile device's controls while driving. Pull over in a safe and legal manner before attempting such operations.
- The navigation software is designed to provide route suggestions. It is not designed to replace the need for driver attentiveness regarding road closures or road conditions, traffic congestion, weather conditions, or other factors that may affect safety while driving.

#### **Battery Warnings**

If these guidelines are not followed, the replaceable lithium-ion battery may experience a shortened life span or may present a risk of damage to the GPS 10x, fire, chemical burn, electrolyte leak, and/or injury.

- Do not leave the GPS 10x exposed to a heat source or in a high temperature location, such as in the sun in an unattended vehicle on a hot day. To prevent damage, remove the GPS 10x from the vehicle or store it out of direct sunlight, such as in the glove box.
- Do not incinerate.
- Observe the following temperature ranges: Battery Powered: 14°F to 140°F (-10°C to 60°C), Externally Powered: -22°F to 140°F (-30°C to 60°C), Charging Temperature: 41°F to 113°F (5°C to 45°C), Storage Temperature: -22°F to 140°F (-30°C to 60°C)
- Do not recharge the battery out of the unit or disassemble the battery.
- Keep the used battery away from children. Do not disassemble, puncture, or damage the battery.
- Contact your local waste disposal department to properly dispose of the battery.
- Only replace with a Garmin lithium-ion battery pack. Using another battery presents a risk of fire or explosion. To purchase a replacement battery, see your Garmin dealer or the Garmin Web site.

WARNING: This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This notice is provided in accordance with California's Proposition 65. See www.garmin.com/prop65 for more information.

### **Important Information**

MAP DATA INFORMATION: One of the goals of Garmin is to provide customers with the most complete and accurate cartography that is available to us at a reasonable cost. We use a combination of governmental and private data sources, which we identify in product literature and copyright messages displayed to the consumer. Virtually all data sources contain some inaccurate or incomplete data. In some countries, complete and accurate map information is either not available or is prohibitively expensive.

The California Electronic Waste Recycling Act of 2003 requires the recycling of certain electronics. For more information on the applicability to this product, see www.erecycle.org.

## **Declaration of Conformity**

Hereby, Garmin declares that this GPS 10x product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, see the Garmin Web site: www.garmin.com/products/garminmobile10. Click Manuals, and then select the Declaration of Conformity.

### **FCC Compliance**

This product has been tested and found to comply with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation of this device is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must

accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.
   This product does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

#### FCC RF Radiation Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. Follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **Industry Canada Compliance**

Category I radiocommunication devices comply with Industry Canada Standard RSS-210. Category II radiocommunication devices comply with Industry Canada Standard RSS-310.

## **Limited Warranty**

This Garmin product is warranted to be free from defects in materials or workmanship for one year from the date of purchase. Within this period, Garmin will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost. This warranty does not cover failures due to abuse, misuse, accident, or unauthorized alteration or repairs.

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Garmin retains the exclusive right to repair or replace the unit or software or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

To obtain warranty service, contact your local Garmin authorized dealer or call Garmin Product Support for shipping instructions and an RMA tracking number. Securely pack the unit and a copy of the original sales receipt, which is required as the proof of purchase for warranty repairs. Write the tracking number clearly on the outside of the package. Send the unit, freight charges prepaid, to any Garmin warranty service station.

Online Auction Purchases: Products sold through online auctions are not eligible for rebates or other special offers from Garmin. Online auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Garmin will not replace missing components from any package purchased through an online auction.

International Purchases: A separate warranty is provided by international distributors for units purchased outside the United States. This warranty is provided by the local in-country distributor and this distributor provides local service for your unit. Distributor warranties are only valid in the area of intended distribution. Units purchased in the United States or Canada must be returned to the Garmin service center in the United Kingdom, the United States, Canada, or Taiwan for service.

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