

Garmin Mobile[®] 10 *for smartphones*



Provides GPS navigation on your smartphone with
Bluetooth[®] wireless technology*

**Phone not included*

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Contents of Your Garmin Mobile® 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

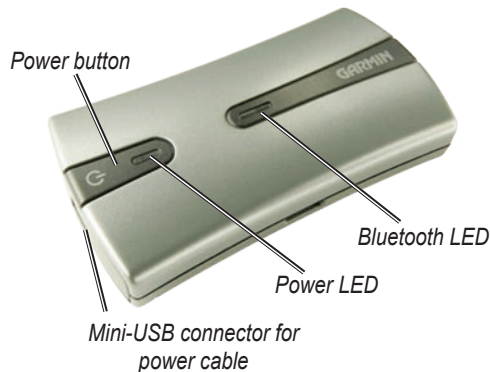
Vehicle power cable to power and charge the GPS 10x receiver in your vehicle

Data card with Garmin Mobile XT navigation software and mapping data

Product Registration

Help us better support you by completing our online registration today! Connect to our Web site at

<http://my.garmin.com>.

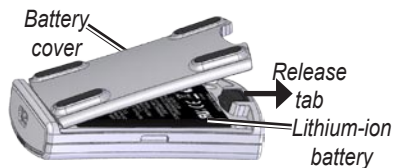


See the *Warnings* on [page 14](#) for product warnings and other important information.

Step 1: Install the Battery

WARNING: This product contains a lithium-ion battery. See [page 15](#) for important battery safety information.

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. Lift the battery cover off.
4. Locate the metal contacts on the end of the lithium-ion 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.
5. 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 mobile-phone battery, such as a Nokia BL-5C.

Step 2: 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.

Step 3: Install Garmin Mobile XT on Your Mobile Phone

1. Insert the data card into your phone.
2. When prompted to install the Garmin Mobile XT navigation software, select **Yes**. The navigation software is automatically installed on your phone.
3. Answer the questions to configure Garmin Mobile XT.



If the software installation does not start automatically, follow the instructions that match your type of phone to install Garmin Mobile XT.

- **Windows Mobile® Smartphone users:** using the file explorer for the phone, select the file named “Garmin Mobile XT” on the card.
- **Palm OS® Smartphone users:** open the application named “XT Install” on the card.
- **Symbian™ Smartphone users:** using the file manager for the phone, select the file named “GarminMobileXT.SIS” on the card.


Step 4: Connecting to the GPS 10x Receiver



NOTE: Install Garmin Mobile XT before establishing a Bluetooth connection with your phone.

1. Press and hold the  **Power** button on 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 phone.
3. Turn on your phone and enable the Bluetooth component. (Refer to your phone documentation for specific instructions about enabling Bluetooth wireless technology.)
4. Open  Garmin Mobile XT, found in the programs folder or main menu on your phone. The first time you open Garmin Mobile XT, it automatically searches for the GPS 10x receiver.

After your phone 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 after 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 is on, Bluetooth is on
- Slow Flashing Blue: A Bluetooth link to your phone is established

Power LED Status

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

More Information on the Bluetooth® Wireless Connection

- Ensure the GPS 10x is turned on.
- Ensure the Bluetooth component on your phone is properly configured.


- The GPS 10x receiver PIN/passkey is **1234**.
- See www.garmin.com/support. Click **Search Support**, enter “Bluetooth”, and click **Search**.


Step 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 phone.

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

Step 6: Acquire GPS Signals


1. Open  Garmin Mobile XT.
2. Confirm that the Blue LED on the GPS 10x receiver is slowly flashing blue, indicating that a wireless connection is established.
3. Go outdoors to an open area, away from tall buildings and trees.

Acquiring satellite signals may take a few minutes. The  bars in the upper-left corner of the Garmin Mobile XT window indicate satellite strength. When at least one bar is green, your GPS 10x has acquired satellite signals; you can find your destination and go to it.

Customizing Phone Settings

Set the phone auto-off and other power-management settings to be suitable for your navigation experience. Refer to your phone documentation for instructions.








Navigating with Garmin Mobile XT

For complete information regarding using Garmin Mobile XT and for troubleshooting tips, refer to the built-in Help system. Select  **Help** on the main Garmin Mobile XT page. Also refer to the *Garmin Mobile XT Owner's Manual* by going to www.garmin.com/mobilext.



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

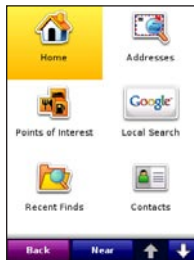
View map: view a map of your current location. The map moves as you move to constantly show your current location.

-  **Garmin Online:** access Garmin Online features.
 -  **Tools:** use tools that are useful for navigation, such as Route Details and Location Messaging, and Settings.
 -  **Exit:** close Garmin Mobile XT.
 -  **Location Messages:** you have received a new location message.
 -  **Message:** you have received a new message from the Garmin Online™ server.
 -  **Help:** learn more about Garmin Mobile XT.
-
-  **NOTE:** You may have to select **Menu** to see **Garmin Online**, **Tools** and **Help**. This is indicated in this manual as (**Menu >**).
-

Finding a Destination

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

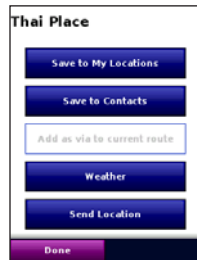
1. Select (**Menu >**) **Where to? > Points of Interest**
2. Select a category. To find a location by name, select **Spell Name**, enter all or part of the name, and then select the location you want.
3. Select a subcategory or select **All Categories**. A list of locations near your current location appears.
4. Select a location to open an information page.
5. Select **Go!** to create a route to this location.



Information and Options Pages


When you have selected a location to navigate to, select (**Menu >**) **Options** to see more choices.

- **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 contact list.
- **Add as via to current route:** adds the location to your current route.
- **Send Location:** sends a message with the location information.
- **Weather:** shows the current weather condition and a five-day forecast for that location.
- **Map:** displays the location on a map.
- **Dial** (or a phone icon on the information page): calls a location (if available).



Following the Route

After you find a location, select **Go!** to create a route to it.

The map automatically opens with your route indicated by a magenta line. The  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 direction of travel 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 >) Tools > Settings > Routing > Avoidance Setup**.

Understanding Location Messages

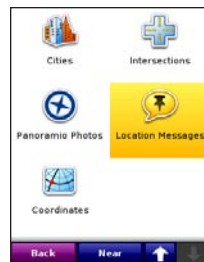


NOTE: The location messaging service is not available on all mobile phones.

The location messaging service allows you to send your current location information to other people using SMS text messaging. The normal messaging fees for your phone apply.

Sending a Location Message

1. From the main Garmin Mobile XT page, select **(Menu >) Where to? > Location Messages**.
2. Select **Contacts**, and then select a contact.
3. Select **Select**.
4. To send the message, select **Send Location Message**.
5. To attach a map, select **(Menu >) View map**. (The MMS service required for this feature may not be available on all phones.)



6. Select **Send** to send the message.

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

Requesting a Location Message


1. From the main Garmin Mobile XT page, select **(Menu >) Tools > Location Messaging**.
2. Select **Contacts**, and then select a contact.
3. Select **Select**.
4. To request a location message from this contact, select **Request Location Message > Request**.

Customizing Garmin Mobile XT

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



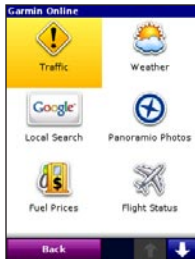
Using Garmin Online

Use Garmin Online to download location-relevant information such as fuel prices (USA only), current 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 >**) **Garmin Online** or the  Garmin Online logo. Select an item to view, such as traffic, weather, or fuel prices.

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

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

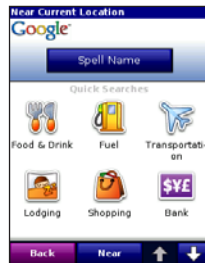
Garmin Mobile® 10 Quick Start Manual



Finding a POI using Google™ Local Search

If you cannot find the POI you are looking for with the simple search, use local search to expand your searching capabilities. In addition to searching for POI by name, you can use local search to find locations in a specific category. For more information, see <http://local.google.com>.

1. From the Garmin Mobile XT page, select (**Menu >**) **Garmin Online > Local Search** or **Where To? > Local Search**.



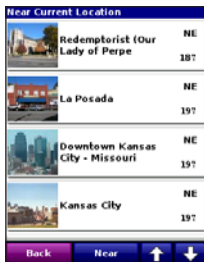
2. Select **Spell Name**.

3. Enter the name for what you want to search for using the on-screen keyboard or keypad. Select **Done**.
4. Select a point of interest.
5. Select **Go!** to create a route to this location or select another option.

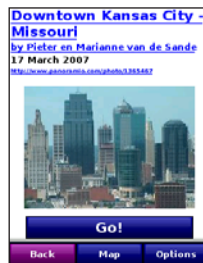
Finding Places Using Photo Navigation

Panoramio provides pictures that include location information.

1. From the Garmin Mobile XT page, select (**Menu >**) **Garmin Online > Panoramio Photos** or **Where To? > Panoramio Photos**.



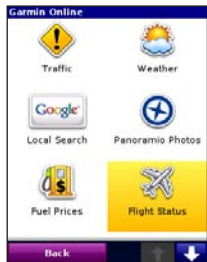
2. A list of photos that Panoramio users have taken of nearby locations will load. To navigate to a location, select a photo, then select **Go!**



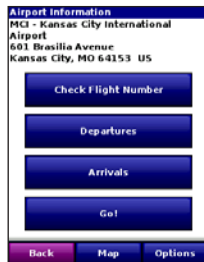
Viewing Flight Data

The flight status feature displays airports in ascending order with the major airport nearest to your location listed first.

1. Select (**Menu >**) **Garmin Online > Flight Status** to see a list of airports.



2. Select an airport to check the status of flights that depart in the next 24 hours; to get departure and arrival information; and to navigate to the airport.



3. Select **Map** to see an airport location on the map or select **Options** for additional choices.

Specifications

Size: 0.697 in. H × 1.65 in. W × 3.04 in. D
(17.7 × 41.9 × 77.1 mm)

Weight: 2.12 ounces (60 g)

Case: Rugged, but not waterproof

Power Supply: Rechargeable Lithium-ion batteries (replaceable), 22 hours (typical use); vehicle 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)

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

GPS Receiver: High sensitivity SiRFstarIII™ GPS receiver; WAAS-enabled



Wireless Interface: Connects (using Bluetooth wireless technology (Class 2)) to a mobile phone with Windows Mobile software, Symbian software, or Palm OS software that has Bluetooth wireless technology

More Information/Contact Garmin

Contact Garmin Product Support if you have any questions while using your Garmin Mobile XT. In the USA, go to www.garmin.com/support, or contact Garmin USA by phone at (913) 397-8200 or (800) 800-1020.

In the UK, contact Garmin (Europe) Ltd. by phone at 0808 2380000.

In Europe, go to www.garmin.com/support and click **Contact Support** for in-country support information, or contact Garmin (Europe) Ltd. by phone at +44 (0) 870.8501241.

Purchase Garmin Mobile 10 accessories at www.garmin.com/products/garminmobile10smartphones.

Warnings

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

- When installing your mobile phone in a vehicle, place the unit securely so it does not 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 phone 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 phone while driving, and always be fully aware of all driving conditions.** Minimize the amount of time spent viewing your mobile phone'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 phone'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. To prevent damage, remove the GPS 10x from the vehicle or store it out of direct sunlight, such as in the glove box.
- 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 use a sharp object to remove the battery.
- Do not incinerate.
- Do not disassemble, puncture, or damage the battery.
- Keep the battery away from children.
- If using an external battery charger, only use the Garmin accessory approved for your product.
- Contact your local waste disposal department to properly recycle the battery.

- Only replace the battery with the correct replacement battery. To purchase a Garmin lithium-ion replacement battery pack (010-10840-00), go to <http://my.garmin.com/shop>. You can also use a compatible 3.7 Volt cell phone battery, such as a Nokia BL-5C.

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.ecycle.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.

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.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

IN NO EVENT SHALL GARMIN BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you.

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.

NAVTEQ Traffic™ End-User License Agreement

The terms and conditions of the NAVTEQ Traffic end-user license agreement (as modified from time to time by NAVTEQ) are located at www.traffic.com/navteqtraffic_enduser.html.



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Garmin products, visit the Garmin Web site at www.garmin.com.**



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