

GPS 10x

*GPS receiver with
Bluetooth[®] wireless technology*



© 2006-2008 Garmin Ltd. or its subsidiaries

Garmin International, Inc.
1200 East 151st Street,
Olathe, Kansas 66062, USA
Tel. (913) 397-8200 or
(800) 800-1020
Fax (913) 397-8282

Garmin (Europe) Ltd.
Unit 5, The Quadrangle,
Abbey Park Industrial Estate,
Romsey, SO51 9DL, UK
Tel. +44 (0) 870.8501241 (outside the UK)
0808.2380000 (within the UK)
Fax +44 (0) 870.8501251

Garmin Corporation
No. 68, Jangshu 2nd Road,
Shijr, Taipei County,
Taiwan
Tel. 886/2.2642.9199
Fax 886/2.2642.9099

All rights reserved. Except as expressly provided herein, no part of this manual may be reproduced, copied, transmitted, disseminated, downloaded, or stored in any storage medium, for any purpose without the express prior written consent of Garmin. Garmin hereby grants permission to download a single copy of this manual onto a hard drive or other electronic storage medium to be viewed and to print one copy of this manual or of any revision hereto, provided that such electronic or printed copy of this manual must contain the complete text of this copyright notice and provided further that any unauthorized commercial distribution of this manual or any revision hereto is strictly prohibited.

Information in this document is subject to change without notice. Garmin reserves the right to change or improve its products and to make changes in the content without obligation to notify any person or organization of such changes or improvements. Visit the Garmin Web site (www.garmin.com) for current updates and supplemental information concerning the use and operation of this and other Garmin products.

Garmin® is a trademark of Garmin Ltd. or its subsidiaries, registered in the USA and other countries. These trademarks may not be used without the express permission of Garmin.

SiRF, SiRFstar and the SiRF logo are registered trademarks of SiRF Technology, Inc. SiRFstarIII and SiRF Powered are trademarks of SiRF Technology, Inc. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Garmin is under license. PalmSource, Palm OS, Palm Powered, Graffiti, HotSync and certain other trademarks and logos appearing herein, are trademarks or registered trademarks of PalmSource, Inc. or its affiliates, or its licensor, Palm Trademark Holding Company, in the United States, France, Germany, Japan, the United Kingdom, and other countries. These marks may not be used in connection with any product or service that does not belong to PalmSource, Inc., in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits PalmSource, Inc., its licensor, its subsidiaries or affiliates. All other brands and trademarks used herein are or may be trademarks of, and are used to identify other products or services of, their respective owners. All rights reserved. Windows is a registered trademark of Microsoft Corporation in the United States and other countries. Symbian and all Symbian based marks and logos are trademarks of Symbian Limited. Other trademarks and trade names are those of their respective owners.

Contact Garmin Product Support if you have any questions while using your GPS 10x. 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.

July 2008

Part Number 190-00707-12 Rev. B

Printed in Taiwan

Contents of Your GPS 10x Package

GPS 10x GPS receiver with Bluetooth® wireless technology

Lithium-ion battery

Belt clip that makes your GPS 10x receiver completely portable

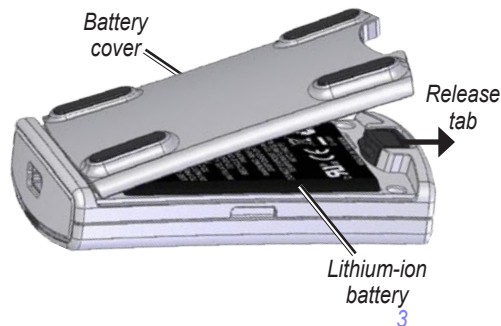
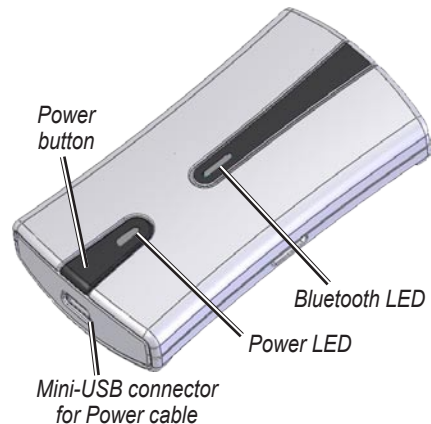
Power adapter cable to power and charge the GPS 10x receiver in your vehicle



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™ software, or Palm OS® software.

1 Install the Battery

1. Locate the black or gray lithium-ion battery.
2. With your thumbnail, pull the release tab toward the edge of the case. Remove the battery cover.
3. Locate the metal contacts on one end of the battery. Insert the battery so the metal contacts match up with the metal contacts inside the battery compartment. Press the battery down into place.
4. Replace the battery cover by inserting the tabs into the notches. Press the door closed; the release tab locks the cover in place.



② Charge the GPS 10x Receiver

Charge the battery before you use 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 receiver.
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.

If you need to replace the battery, use a Garmin lithium-ion battery pack (010-10840-00) or a compatible cell phone battery, such as a Nokia BL-5C.

③ Turn On the GPS 10x Receiver

Press and hold the  **Power** button to turn the 10x on.

Bluetooth LED Status

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

4

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

④ Pairing the GPS 10x



NOTE: Refer to your mobile device's documentation for specific instructions about enabling the Bluetooth wireless technology and connecting to devices.

1. Ensure that the GPS 10x receiver is within 30 feet (10 meters) of your mobile device.
2. Turn on the GPS 10X and your mobile device and enable the Bluetooth component.
3. Use the Bluetooth settings on your mobile device to search for the GPS 10x and connect to it.
4. After connecting to the GPS 10x, you may need to make note of the COM port number that the Bluetooth software has assigned to the GPS 10x and use it in your navigation software.



NOTE: The GPS 10x receiver PIN/passkey is **1234**.

After your device and the GPS 10x receiver have established a connection, the blue LED on the receiver begins blinking slowly. If the link between your mobile device and the receiver is broken for fifteen minutes, the receiver turns off to conserve power.

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 Acquiring GPS Signals

Open the navigation software on your mobile device. (If necessary, specify which COM port to use for the GPS 10x.) 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.

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 3.7 Volt Lithium-ion battery, 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: Bluetooth wireless technology (Class 2), to mobile device with Bluetooth technology

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

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



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



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 device 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 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.



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.

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.



Important Information

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.eecycle.org.

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.

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**.

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.

For the latest free software updates (excluding map data) throughout the life of your Garmin products, visit the Garmin Web site at www.garmin.com.



© 2008 Garmin Ltd. or its subsidiaries

www.garmin.com

Part Number 190-00707-12 Rev. B

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>