

Garmin Mobile

for BlackBerry®

smart mount and GPS receiver with Bluetooth® wireless technology



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Contents of Your Garmin Mobile[™] for BlackBerry[®] Package

GPS 20SM smart mount and GPS receiver with Bluetooth® wireless technology

Suction cup mount to mount the GPS 20SM on your windshield

• **Posts** for the slide bars to hold your BlackBerry device in the mount

• Adapter cable to charge your BlackBerry device in the phone mount

Dashboard disk to mount the GPS 20SM on your dashboard instead of the windshield

Purchase certificate with purchase code

Install the Navigation Software

1. Go to www.garmin.com/blackberry.

2. Sign in to your myGarmin™ account (or create one if you do not have one) and enter the purchase code listed on the purchase certificate that came in the product box.

3. Enter the information for your BlackBerry device, and click **Activate**.

4. Write down the activation code that is generated.

Within a few hours, a Web address (link) is sent to your BlackBerry device. As you wait for the Web address, assemble the mount and follow the rest of the steps in this guide.

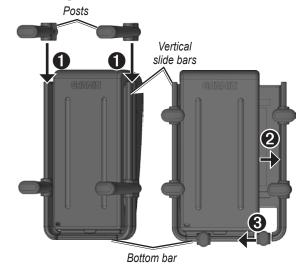
BlackBerry device in GPS 20SM smart mount (BlackBerry device not included)



2 Mount the GPS 20SM

Installing the Mount Posts

From the bag labeled **Standard Mount Posts**, install the four large posts on the vertical slide bars of the phone mount. Install the two small posts on the bottom bar of the phone mount.



 Slide two of the large posts onto each vertical slide bar on the phone mount.

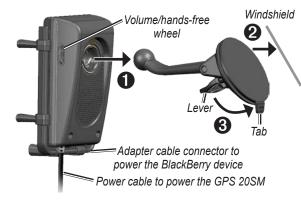
- 2. Pull out one of the vertical slide bars on the side of the phone mount.
- 3. Slide the two small posts onto the bottom bar.

Mounting on the Windshield

Check your state and local traffic laws before mounting. Currently, state laws in California and Minnesota prohibit drivers from using suction mounts on their windshields while operating motor vehicles.

Select a location for the GPS 20SM. To receive satellite signals, place the GPS 20SM where it has a clear view of the sky. To communicate, the GPS 20SM must be within 10 meters (about 30 feet) of your BlackBerry device. Clean and dry the selected area of the windshield

- Snap the phone mount onto the suction cup mount.
- 2. Place the suction cup on the windshield.
- 3. Flip the lever back toward the windshield.



To remove the phone mount from the suction cup mount, turn the phone mount as far as you can to the right or left. Apply pressure in that direction until the phone mount pops off the suction cup mount.

To remove the suction cup mount, flip the lever toward you. Pull the tab on the suction cup toward you.

Mounting on the Dashboard

Important: The **permanent** mounting adhesive is extremely difficult to remove after it is installed.

- Select a location on your dashboard where the GPS 20SM will have a clear view of the sky.
- 2. Clean and dry the selected area of the dashboard.
- 3. Remove the backing from the bottom of the disk.
- 4. Place the disk on the dashboard.
- 5. Place the suction cup mount on top of the disk. Flip the lever down (toward the disk).

Plug in the GPS 20SM

Plug the GPS 20SM into an available power receptacle in your vehicle; the GPS 20SM automatically turns on if your key is turned to the On position.

4 Pair the GPS 20SM

Bluetooth wireless technology establishes a wireless link between your BlackBerry device and the GPS 20SM. Before you can use the GPS 20SM, you must "pair" it with your BlackBerry device.

- Make sure your BlackBerry device and GPS 20SM are turned on and within 10 meters of each other.
- Enable your BlackBerry device's Bluetooth component. This might be in Options > Bluetooth or Settings > Bluetooth.

- 3. Initiate a search for Bluetooth devices.
- 4. Select GPS 20SM from the list of devices.
- 5. Enter the GPS 20SM unit's Bluetooth passkey (1234) into your BlackBerry device.

For instructions about pairing and Bluetooth, refer to your BlackBerry device's documentation.

The GPS 20SM receiver and your BlackBerry device automatically connect when they are both turned on and within 10 meters (about 30 feet) of each other.

GPS 20SM LED Status Indicators

The blue LED indicates the GPS Bluetooth connection. The green LED indicates the hands-free connection.

- Blue flashing: making GPS Bluetooth connection
- Blue steady on: GPS Bluetooth connection made
- Blue and green steady on: GPS and hands-free connection made (not supported by all BlackBerry devices)
- Green steady on: hands-free connection made
- Green rapid flashing: incoming call
- Green flashing: call in progress

GPS 20SM Beep Meanings

- **High short beep**: hands-free connection made between GPS 20SM and BlackBerry device
- Low short double-beep: hands-free connection ended between GPS 20SM and BlackBerry device

6 Complete the Software Installation

- 1. Follow the link on your BlackBerry device to download the Garmin Mobile software.
- Open the Garmin Mobile application on your BlackBerry device.
- 3. Follow the on-screen directions to test the Bluetooth connection.
- 4. To activate the software, enter the activation code (from step 3 of Install the Navigation Software on page 1).

If you have lost your activation code, sign in to your myGarmin account at http://my.garmin.com. Click Garmin Mobile for BlackBerry, and then click Regenerate Activation Code.

6 Mount Your BlackBerry Device

- To charge your BlackBerry device while it is in the mount, connect the adapter cable to the power connector on your BlackBerry device, and connect the other end of the adapter cable into the power connector on the bottom of the phone mount.
- 2. Gently pull the slide bars away from the mount.
- 3. Slide your BlackBerry device into the mount.
- 4. Adjust the posts for the best fit.



NOTE: Some BlackBerry devices will not charge outside of a specific temperature range. If your BlackBerry device does not charge, refer to the BlackBerry device's documentation for more information.

To remove your BlackBerry device from the mount, disconnect the cable, turn the BlackBerry device sideways, and remove it.

Adjusting the GPS 20SM Volume

Scroll the wheel on the right side of the phone mount **UP** to raise volume or **DOWN** to lower it. Scroll **AND HOLD UP** or **DOWN** to quickly adjust the volume.

Using the Hands-free Wheel

Press the wheel on the right side of the phone mount **IN** to perform hands-free operations:

Status	Quickly Press to	Press and Hold to
Not Connected	connect to the previously paired BlackBerry device	
Connected	use voice dial (if supported by your BlackBerry device)	dial the last number dialed
In a Call	hang up the call	transfer the call to your BlackBerry device so you can walk away from the GPS 20SM while on a call
Incoming Call	answer an incoming call	reject an incoming call (On most BlackBerry devices and plans, rejecting the call sends it to your voice mail.)

See your BlackBerry device's documentation for more details about setting up and using a hands-free device.

Adjusting Your BlackBerry Device's Volume

You may have to adjust the earpiece volume and/or the profile settings on your BlackBerry device to maximize the audio output of the GPS 20SM. See your BlackBerry device's documentation for more details.

Acquire Satellite Signals

Open the Garmin Mobile application. Check that the blue LED on the GPS 20SM is solid blue, indicating a wireless connection has been established. Drive your vehicle to an open area, out of parking garages, and away from tall buildings.

Acquiring satellite signals may take a few minutes. Select View Map to open the map. When the status bar displays Ready to Navigate, Garmin Mobile can navigate you to your destination.



Main menu



Ready to navigate

Use Garmin Mobile

Garmin Mobile allows you to find a destination and then automatically create a route to it. You can also view traffic, weather conditions, and fuel prices.

Where To?

The Where To menu allows you to find a destination using one of the categories, such as address, food, lodging, fuel, and attractions.



Find an Address

- 1. Select Where To > Address.
- Where To menu

- 2. Select the state/region.
- Enter the street number and street name, and then select OK.
- 4. Select the appropriate address to open the information page.
- Select Start Navigating to create a route to this location.

The map opens. Turn-by-turn directions are provided as you drive.

Information Page Options

After selecting a location in the search results list, you have several options:

- **Start Navigating**—create a route to this location.
- Find Nearby—find other places near this location.
- Save—save this location to My Locations > Favorites.
- **View Map**—view this location on a map.
- View Traffic—view current traffic incidents near this location.
- View Weather—view current weather conditions at this location
- Call—dials the location's phone number.

Find a Point of Interest

Garmin Mobile allows you to find a variety of points of interest (POIs), such as restaurants and hotels.

- 1. Select Where To > Food, Hotel.
- Select a category (such as Food) and a subcategory (such as Fast Food), if necessary.
- 3. Select **OK** to display a list of all locations.
- 4. Select your destination.

Find a Location by Spelling Its Name

If you know the name of the location you are searching for, you can type it.

- 1. Select Where To > Food, Hotel > Spell Name.
- 2. Type the name or letters contained in the name.
- 3. Select **OK** to display a list of all locations containing the letters you have entered.
- 4. Select your destination.

Check Local Fuel Prices

- 1. Select Where To > Food, Hotel > Fuel.
- Select All with Prices and then the grade of gasoline.
- 3. Select your destination.

Save and Find My Locations

You can use **My Locations** to save and quickly access favorite locations. To save a location you have found, select **Save** on the location's information page.

To save your current location, select Where To > My Locations > Current Location

To view your saved locations, select Where To > My Locations > Favorites.

Garmin Mobile Manager

Before you use Mobile Manager, create an account. Select **Where To > My Locations > Mobile Manager** > **Create Account**. Enter a user name, and select **OK**. A password is generated for you; make a note of it. Access http://mobile.garmin.com to complete the registration and change your password.

Use Mobile Manager at http://mobile.garmin.com to find and save locations. Select Where To > My Locations > Mobile Manager to access those saved locations in Garmin Mobile.

View Your Recent Finds

You can quickly select a recently found location by selecting **Where To** > **Recent Finds**.

Find a City

- 1. Select Where To > Cities.
- 2. Type at least the first few letters of the city, and select **OK**. A list of cities beginning with those letters is displayed in order of population.
- 3. Select the city.

Find an Airport

To find an airport, Select Where To > Airports.

Find a Location Near Another Location

Use **Find Nearby** to find locations near your destination. The following example explains how to find a hotel, and then find a restaurant near that hotel.

- 1. Select Where To, and find your hotel.
- 2. From the information page, select **Find Nearby**.
- 3. Select Food and find a restaurant.
- 4. Select Start Navigating to create a route.

View Map

Select View Map from the main menu to view the map. Press 1 and 3 to zoom out and in. On trackwheel devices, roll the trackwheel to pan up and down, press Alt and roll the trackwheel to pan left and right. On trackball devices, use the trackball to pan in



Map while navigating

any direction. Alternatively, use the keys 2, 4, 6, and 8 to pan up, left, right, and down, respectively.

View Traffic

To view traffic incidents near your current location, select **View Traffic** from the main menu. Select an incident to view details.

View Weather

To view the weather conditions at your current location, select View Weather from the main menu. Select Forecast to view your current location's high and low temperatures for the next five days. Select a specific day to view a description of the expected weather for that day.



Traffic



Weather

Adjust the Settings

Adjust the settings for Garmin Mobile to suit your navigation needs. From the main menu, select **Settings** and select an option:

- Volume—adjust the voice navigation volume.
- Route View—select the map view when

- navigating. Select **Track Up** (direction of travel at the top of the map), **North Up** (North at the top of the map), or **3D** (three-dimensional view in Track Up. 3D is not available on all devices).
- Color Mode—select Daytime for a light background, Nighttime for a dark background, or Auto to automatically switch between the two.
- Distance Units and Temperature Units—select Statute or Metric
- Avoidances—select items to avoid in your routes.
 Garmin Mobile uses these road types only if alternative routes take you too far out of your way.
- Route Preference—select Faster Time for routes that are faster to drive but might be longer in distance. Select Shorter Distance for routes that are shorter in distance but might take longer.
- Optimize Routes For—select your vehicle type.
- Network Connections (not available on all devices)—change this setting only if Garmin Mobile is having difficulties accessing the network. Select BIS to use the public BlackBerry Internet Service, or select BES to use a corporate BlackBerry Enterprise Server.

Specifications

Size: 2.7" W x 4.2" H x 2.31" D (69.07 x 107.31 x 58.97 mm)

Weight: 6.5 ounces (185.7 g)

Case: Rugged, but not waterproof

Temperature range: -22°F to 158°F (-30°C to 70°C)

Power Supply: Vehicle power cable

Usage: 15 W max. @ 13.8 VDC

Wireless Interface: Bluetooth wireless technology

(Class 2)

Bluetooth Operating Distance: 10 meters

(about 30 feet)

SIRF

GPS Receiver: High-sensitivity SiRFstarIII[™]

GPS receiver; WAAS-enabled

For a complete list of specifications, see www.garmin.com/products/blackberry20.



Bluetooth PIN: 1234

To ensure a proper connection between the GPS 20SM and your BlackBerry device, follow these tips:

- Make sure you have followed the directions on pages 3–4 to pair the two devices.
- Make sure that the GPS 20SM is turned on.
- Make sure the two devices are within 10 meters (about 30 feet) of each other.

If you are having trouble connecting to the Internet, check the **Network Connections** setting (see page 9). If you are having trouble connecting to the Internet in other applications, check your BlackBerry device's Network settings.

See www.garmin.com/support/faqs for frequently asked questions. Enter "BlackBerry" and click **Search**.

If your question is not answered in the FAQs, send Product Support your question: go to www.garmin.com/support, and click **Product Support**.

To contact Garmin Product Support by phone, in the USA, call (913) 397-8200 or (800) 800-1020, Monday–Friday, 8 AM–5 PM Central Time.

Warnings

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

• When installing the GPS unit in a vehicle, place the device 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 mount

Do not place in front of or above any airbag. (See diagram.)

where driver's field of vision is blocked.

unsecured on the vehicle dashboard.

Do not mount in front of an airbag field of deployment.

 When navigating, airbag field of deployment. 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 Garmin Mobile 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.

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.

NOTICE REGARDING WINDSHIELD MOUNTING; SPECIAL NOTICE TO DRIVERS IN CALIFORNIA AND MINNESOTA:

State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Check your state and local laws and ordinances for similar restrictions. Other Garmin dashboard or friction mounting options should be used. Garmin does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice or as a result of any other state or local law or ordinance relating to use of the unit. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71.)

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 20SM 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 for your Garmin product: www.garmin.com/products/blackberry20. 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

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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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Part Number 190-00704-11 Rev. B