

# EDGE<sup>®</sup> 500

GPS-ENABLED CYCLING COMPUTER



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## Getting Started

### WARNING

Always consult your physician before you begin or modify any exercise program. See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

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When using your Edge® the first time, complete the following tasks:

1. Charge the Edge (page 2).
2. Install the Edge (page 2).
3. Turn on the Edge (page 4).
4. Acquire satellites (page 6).
5. Set up the optional heart rate monitor (page 6) and the optional GSC™ 10 (page 7).
6. Go for a ride (page 10).
7. Save your ride (page 10).

8. Get Garmin Connect™ or Garmin Training Center® software (page 10).
9. Transfer history to your computer (page 11).

## About the Battery

### WARNING

This product contains a lithium-ion battery. See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

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The Edge is powered by a built-in, lithium-ion battery that you can recharge using the AC charger or the USB cable included in the product box.

**NOTE:** The Edge will not charge when outside the temperature range of 32°F to 122°F (0°C to 50°C).

## Charging the Edge

### NOTICE

To prevent corrosion, thoroughly dry the mini-USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

1. Plug the AC charger into a standard wall outlet.
2. Pull up the weather cap from the mini-USB port.



3. Plug the small end of the AC charger into the mini-USB port.  
To connect the Edge to your computer using the USB cable, see [page 11](#).
4. Charge the Edge for at least three hours before you begin using it.

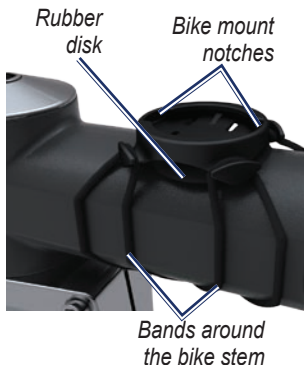
A fully charged battery can run for up to 18 hours before it must be recharged.

## Installing the Edge

For the best GPS reception, position the bike mount so the front of the Edge is oriented toward the sky. You can install the bike mount on the stem (shown on [page 3](#)) or the handlebars.

1. Select a suitable and secure location to mount the Edge where it does not interfere with safe operation of your bike.

2. Place the rubber disk on the back of the bike mount.  
The rubber tabs align with the back of the bike mount so it stays in place.
3. Place the bike mount on the bike stem.
4. Attach the bike mount securely using the two bands.
5. Align the tabs on the back of the Edge with the bike mount notches.
6. Press down slightly and turn the Edge clockwise until it locks into place.



**Edge Mounted on the Bike Stem**

### **Releasing the Edge**

1. Turn the Edge clockwise to unlock the device.
2. Lift the Edge off the mount.

## Turning on the Edge

Press and hold **POWER** to turn on the Edge.

## Configuring the Edge







The first time you turn on the Edge, you are prompted to configure system settings and user profile settings.

- Follow the on-screen instructions to complete the initial setup.
- Press ▼ and ▲ to view choices and change the default selection.
- Press **ENTER** to make a selection.
- Activate and pair the ANT+™ sensors during configuration, if your Edge included a heart rate monitor and a GSC 10:
  - Select **Yes** for the heart rate monitor question. For setup information, see [page 6](#).

- Select **Yes** for the speed and cadence sensor question. For setup information, see [page 7](#).

**NOTE:** For third-party sensors, refer to the manufacturer's instructions, and go to [www.garmin.com/intosports](http://www.garmin.com/intosports).

### Icons

	Battery charge level
	GPS is on and receiving signals.
	GPS is turned off.
	Heart rate monitor is active.
	Speed and cadence sensor is active.
	Power meter is active.

## Buttons

Each Edge button has multiple functions.



Button	Description
<b>POWER/ LIGHT</b>	Press and hold <b>POWER</b> to turn the device on and off. Press <b>LIGHT</b> to activate the backlight. Press any button to extend the backlight for 15 seconds.
<b>BACK</b>	Press <b>BACK</b> to cancel or return to the previous menu.

<b>START/ STOP</b>	Press <b>START/STOP</b> to start and stop the timer.
▼ ▲	Press ▼ or ▲ to select menus and settings. Press and hold ▼ or ▲ to scroll quickly through settings.
<b>LAP/RESET</b>	Press <b>LAP</b> to create a new lap. Press and hold <b>RESET</b> to reset the timer.
<b>PAGE/ MENU</b>	Press <b>PAGE</b> to scroll through training data pages. Press and hold <b>MENU</b> to switch between menu and timer modes.
<b>ENTER</b>	Press <b>ENTER</b> to select options and acknowledge messages.

## Acquiring Satellite Signals

It may take 30 to 60 seconds to acquire signals.

1. Go outdoors to an open area.
2. Make sure that the front of the Edge is oriented toward the sky.
3. Wait while the Edge searches for satellites.

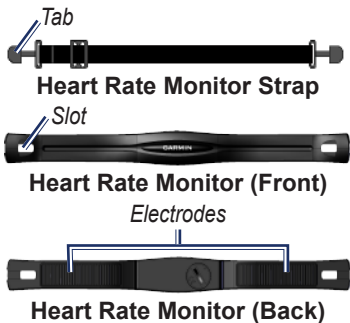
Do not begin moving until the locating satellite page disappears.

## Putting on the Heart Rate Monitor

**NOTE:** If you do not have a heart rate monitor, you can skip this step.

Wear the heart rate monitor directly on your skin, just below your breastplate. It should be snug enough to stay in place during your ride.

1. Push one tab on the strap through the slot in the heart rate monitor.




2. Press the tab down.



3. Wet both electrodes on the back of the heart rate monitor to create a strong connection between your chest and the transmitter.
4. Wrap the strap around your chest and attach it to the other side of the heart rate monitor.

The Garmin logo should be right-side up.

After you put on the heart rate monitor, it is on standby and ready to send data. When the heart rate monitor is paired, a message appears, and the  heart rate icon appears on the main menu.

**NOTE:** For more heart rate monitor information, see the *Edge 500 Owner's Manual*.

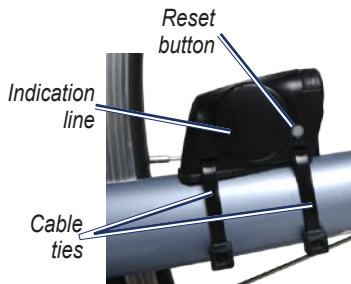
## Installing the GSC 10

**NOTE:** If you do not have a GSC 10, you can skip this step.

Both magnets must be aligned with their respective indication lines for the Edge to receive data.

1. Place the GSC 10 on the rear chain stay (on the side opposite the drive train).

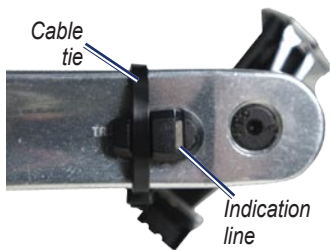
**NOTE:** Place the flat rubber pad or the triangle-shaped rubber pad between the GSC 10 and the chain stay for stability.



**GSC 10 on Rear Chain Stay**

2. Loosely attach the GSC 10 using two cable ties.
3. Attach the pedal magnet to the crank arm using the adhesive mount and a cable tie.

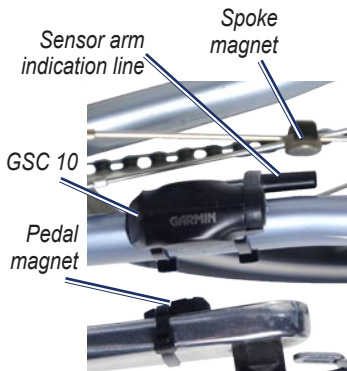
The pedal magnet must be within 5 mm of the GSC 10. The indication line on the pedal magnet must line up with the indication line on the GSC 10.



**Pedal Magnet on Crank Arm**

4. Unscrew the spoke magnet from the plastic piece.
5. Place the spoke in the groove of the plastic piece and tighten slightly.

The spoke magnet can face away from the GSC 10 if there is not enough room between the sensor arm and the spoke. The spoke magnet must line up with the indication line on the sensor arm.




**GSC 10 and Magnet Alignment**

6. Loosen the screw on the sensor arm.
7. Move the sensor arm to within 5 mm of the spoke magnet.  
You can also tilt the GSC 10 closer to either magnet for improved alignment.

8. Press the **Reset** button on the GSC 10.  
The LED turns red, then green.
9. Pedal to test the sensor alignment.  
The red LED blinks each time the pedal magnet passes the sensor.  
The green LED blinks each time the spoke magnet passes the sensor arm.

**NOTE:** The LED blinks for the first 60 passes after a reset. Press **Reset** again if you require additional passes.

10. When everything is aligned and working correctly, tighten the cable ties, the sensor arm, and the spoke magnet.

When the GSC 10 is paired, a message appears, and the  speed and cadence icon appears on the main menu.

**NOTE:** For more GSC 10 information, see the *Edge 500 Owner's Manual*.

## Going for a Ride

Before you can record history, you must acquire satellite signals ([page 6](#)).

1. Press and hold **MENU** to view the timer page.

Time 00:00:00 <sup>00</sup>	
Speed 0.0 <sup>m</sup> <sub>h</sub>	Distance 0 <sup>f</sup> <sub>t</sub>
Time of Day 11:13 <sup>a</sup> <sub>m</sub>	Calories 0 <sup>Cal</sup>

2. Press **START** to start the timer.  
History is only recorded while the timer is running.
3. After completing your ride, press **STOP**.

## Saving Your Ride Data

Press and hold **RESET** to save your ride data and reset the timer.

## Using Free Software

Garmin provides two software options for storing and analyzing your ride data:

- Garmin Connect is Web-based software.
  - Garmin Training Center is computer software that does not require the Internet after installation.
1. Go to [www.garmin.com/intosports](http://www.garmin.com/intosports).
  2. Follow the on-screen instructions to install the software.

## Transferring History to Your Computer

1. Connect the USB cable to an available USB port on your computer.
2. Pull up the weather cap from the mini-USB port.



*Mini-USB port under the weather cap*

3. Plug the small end of the USB cable into the mini-USB port.

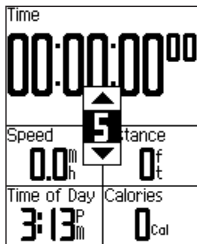
4. Open Garmin Connect (<http://connect.garmin.com>), or open Garmin Training Center.
5. Follow the instructions included with the software.

## Customizing Your Data Fields

You can set up custom data fields for three training data pages. For a complete list of the available data fields, see the *Edge 500 Owner's Manual*.

1. Press and hold **MENU**.
2. Select **Settings > Bike Settings > Data Fields**.
3. Select one of the pages.

4. Select the number of data fields you want to see on this page.



To turn off an optional page, set the number of data fields to zero.

5. Use ▼, ▲, and ENTER to change the data fields.
6. Repeat steps 3 through 5 for each page you want to customize.

## Edge Temperature Readings

You can customize the Edge to display temperature in a data field.

**NOTE:** The Edge may display temperature readings that are higher than the actual air temperature if the Edge is placed in direct sunlight or held in your hand. Also, the Edge will take some time to adjust to significant changes in temperature.



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](http://www.garmin.com).

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