

GARMIN®

SPY™ POLE

**Quick
Start
Manual**

Important Safety Information

WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Failure to install this device according to these instructions could result in personal injury, damage to the vessel or device, or poor product performance.

CAUTION

For the best possible performance and to avoid potential injury, damage to the device, or damage to your vessel, installation by a qualified marine installer is recommended.

To avoid possible personal injury, always wear safety goggles, ear protection, and a dust mask when drilling, cutting, or sanding.

NOTICE

When drilling or cutting, always check what is on the opposite side of the surface to avoid damaging the vessel.

Turning the Spy Pole On or Off

The Spy pole turns on automatically after power is supplied, but you can also turn the device on and off manually. You can enable or disable the automatic power on features from a connected Garmin® chartplotter.

- 1 Ensure the power cable is connected to the Spy pole and to the power supply, and the locking ring is fully tightened.
The red LED turns on and then, after several seconds, turns green to indicate that the Spy pole is on and ready.
- 2 Press  on the Spy pole until the LED turns off.
The Spy pole is off.
- 3 To turn the Spy pole on again, press and hold  until the LED turns back on.

Adjusting the Depth of the Spy Pole

You can change the depth of the Spy pole after it has been installed. The device can slide up or down, depending on where you have installed the depth ring along the pole.

NOTICE

If you installed the Spy pole on a trolling motor, you must set the depth-indicator ring at a point that prevents the spy pole from being lowered deep enough to contact the propeller of the trolling motor. If the trolling motor propeller contacts the Spy pole, it can damage the Spy pole, any attachments on the pole, and the propeller.

- 1 Loosen the depth adjustment collar.
- 2 Slide the pole up or down through the Spy pole housing to the preferred depth.
- 3 Tighten the depth adjustment collar to set the preferred depth.

Pairing a Spy Foot Control

The Spy pole can pair with one foot control at a time. The Spy pole is already paired with the included foot control, but you can also initiate pairing manually if needed.

- 1 Turn on the Spy pole.
- 2 Press  on the Spy pole three times.
The LED turns solid blue, indicating that the device is pairing.
- 3 On the foot control, press the top two programmable buttons simultaneously three times.
The LED on the foot control flashes blue, indicating that the device is pairing.
- 4 Wait for the two devices to pair.
The LED on the Spy pole turns green again and the LED on the foot control flashes green after the devices are paired successfully.

Pairing a Spy Gesture Remote

The Spy pole can pair with up to five gesture remotes. The Spy pole is already paired with the included remote, but you can also initiate pairing manually if needed.

- 1 Turn on the Spy pole.
- 2 Press  on the Spy pole three times.
The LED turns solid blue, indicating that the device is pairing.
- 3 On the remote, press the left and right buttons simultaneously three times.
The LED on the remote flashes blue, indicating that the device is pairing.
- 4 Wait for the remote to pair with the Spy pole.
The LED on the Spy pole turns green again and the LED on the remote flashes green after the devices are paired successfully.

Pairing a Spy Heading Sensor

A Spy pole can pair to one Spy heading sensor at a time. The Spy pole is already paired with the included sensor, but you can also initiate pairing manually if needed. If you have multiple Spy poles, a single Spy heading sensor can connect to up to 4 Spy poles.

If you already have a reliable NMEA 2000® heading sensor connected to the Garmin® Marine Network, you do not need to install the Spy heading sensor. The advanced control modes for the Spy pole will work as intended with your existing heading sensor.

- 1 Turn on the Spy pole.
- 2 Press  on the Spy pole three times.
The LED turns solid blue, indicating that the device is pairing.
- 3 On the heading sensor, press the button three times.
The LED on the heading sensor turns solid blue, indicating that the device is pairing.
- 4 Wait for the heading sensor to pair with the Spy pole.
The LED on the Spy pole turns green again and the LED on the heading sensor flashes green after the devices are paired successfully.

Pairing With a Garmin® Trolling Motor

The Spy pole can pair with one Garmin Force® trolling motor at a time. A trolling motor can only pair to one Spy pole at a time.

- 1 Turn on the Spy pole.
- 2 Press  on the Spy pole three times.

The LED turns solid blue, indicating that the device is pairing.

- 3 On the trolling motor, press  three times.
The pairing LED on the trolling motor turns blue, indicating that the device is pairing.
- 4 Wait for the trolling motor to pair with the Spy pole.
The LED on the Spy pole and trolling motor turn green again after the devices are paired successfully.

Connecting to a Garmin® Chartplotter

The Spy pole can connect with one compatible Garmin chartplotter at a time. After connecting the Spy pole with a chartplotter, you can control it using any other chartplotter connected to the same Garmin BlueNet™ or Garmin Marine Network.

Up to four Spy poles can connect to one Garmin Marine Network at any one time.

Go to www.garmin.com for a list of compatible chartplotters.

- 1 Turn on the Spy pole.
- 2 Press  on the Spy pole three times.
The LED turns solid blue, indicating that the device is connecting.
- 3 On the chartplotter, select **Home > Settings > Communications > Wireless Devices > Spy™ Pole Mount > Start**.
- 4 Wait for the chartplotter to connect to the Spy pole.
The LED on the Spy pole turns green again after the devices are connected successfully.

Spy Heading Sensor Calibration

After installation is complete, you must calibrate the Spy heading sensor. It will not provide heading data unless calibrated.

When you connect the Spy pole with a paired heading sensor to a compatible Garmin® chartplotter, the Spy Pole Setup Wizard will prompt you for calibration during setup. Otherwise, you can perform menu-based calibration through the Spy Pole toolbar on your chartplotter (*Performing Menu-Based Calibration*, page 3). Go to www.garmin.com for a list of compatible chartplotters.

Performing Menu-Based Calibration

The heading sensor comes paired to your Spy pole. Before you can perform menu-based calibration, the Spy pole must be connected to a compatible Garmin® chartplotter (*Connecting to a Garmin® Chartplotter*, page 3).

You can calibrate your heading sensor from the menu of a compatible Garmin chartplotter.

- 1 From the home screen of your chartplotter, select **Toolbars > Spy Pole**.
- 2 Select a location for the Spy pole toolbar.
- 3 Open the Spy pole toolbar.
- 4 Select **Menu > Installation > Calibrate > Spy Heading Sensor**.
The calibration wizard opens.
- 5 Select **Begin**.

- 6 Follow the on-screen instructions until the compass calibration is complete, taking care to keep the boat as steady and level as possible.

The boat should not list during calibration.

If possible, you can turn the vessel in place by engaging two engines in opposite directions.

If the heading performance is unacceptable after calibration, you may need to relocate the sensor and calibrate the compass again. Refer to the Spy pole installation instructions for further details.

- 7 Select **Auto Heading Alignment**.

Auto Heading Alignment is available only if there is a GPS source present on the Garmin BlueNet™ network or Garmin Marine Network. If a GPS source is not connected, you must perform the Fine Heading Alignment instead (*Adjusting the Fine Heading Alignment*, page 3).

- 8 Select **Begin**.
- 9 Follow the on-screen instructions until the alignment is complete.

Adjusting the Fine Heading Alignment

If you do not have a GPS source present on the Garmin BlueNet™ network or Garmin® Marine Network, Auto Heading Alignment is not available as part of menu-based calibration. You must adjust the Fine Heading Alignment instead.

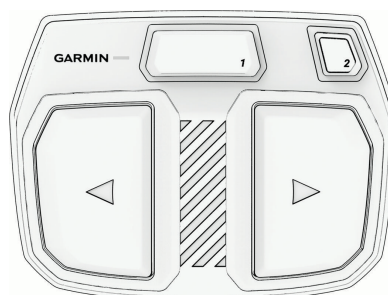
You can adjust the Fine Heading Alignment in conjunction with Auto Heading Alignment to fine-tune the heading output (optional).

- 1 From the sensor calibration screen, select **Fine Heading Alignment**.
- 2 Using a landmark or a known good compass, determine the heading of your boat.
- 3 Adjust the heading until it matches your measurement.
- 4 Select **Done**.

Controlling the Device with the Spy Foot Control

You can use the foot control to maneuver the Spy pole. You can also use the programmable buttons to engage other features of the device.

- 1 Use the large  or  control buttons to turn the Spy pole that direction.



- 2 When needed, press the top programmable buttons ① or ② to activate other features of the Spy pole.

You can program these buttons after you have connected the Spy pole to a compatible chartplotter

(Programming the Spy Foot Control Buttons, page 4).

Controlling the Device with the Gesture Remote Control

You can use the gesture remote control to maneuver the Spy pole. You can also use the programmable buttons to engage other features of the device.

- 1 By default, press ◀ and ▶ to turn the Spy pole.
You can program these buttons to activate other features of the Spy pole instead after you have connected the Spy pole to a compatible chartplotter (Programming the Spy Gesture Remote Buttons, page 4).



- 2 Press and hold the bottom button ① to enable gesture control of the Spy pole.
You can program the gesture control type (pan or tilt) after you have connected the Spy pole to a compatible chartplotter (Programming the Spy Gesture Remote Buttons, page 4).

Controlling the Device with a Chartplotter

You can use a compatible Garmin® chartplotter to maneuver the Spy pole. You can also use the chartplotter to engage other features of the device.

For more details, see the latest version of your chartplotter owner's manual.

- 1 Open the Spy pole toolbar (Performing Menu-Based Calibration, page 3).
- 2 Select ◀ and ▶ to turn the Spy pole.
- 3 Use the other buttons on the interface to activate and control other features of the Spy pole.

Programming the Spy Foot Control Buttons

Before you can program the buttons on the Spy foot control, you must connect the Spy pole to a compatible chartplotter (Connecting to a Garmin® Chartplotter, page 3).

The foot control includes 2 buttons that you can program to perform several different functions.

- 1 On the chartplotter, open the Spy pole toolbar and select ⚙ > **Foot Control**.

- 2 Select a function for each of the two control buttons.

Programming the Spy Gesture Remote Buttons

Before you can program the buttons on the Spy gesture remote, you must connect the Spy pole to a compatible chartplotter (Connecting to a Garmin® Chartplotter, page 3).

You can program the ◀ and ▶ buttons on the gesture remote to perform several different functions.

- 1 On the chartplotter, open the Spy pole toolbar and select ⚙ > **Gesture Remote**.
- 2 Select a function for the ◀ and ▶ buttons.

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