GHS™ 11
Installation Instructions

Important Safety Information

Tools Needed

- Pencil
- Drill
- 22 mm ($^7/_8$ in.) drill bit or hole saw
- 3 mm ($^1/_8$ in.) drill bit
- 4.76 mm ($^3/_{16}$ in.) wrench
- Phillips screwdriver
- Marine sealant (optional)

Mounting Considerations

NOTICE

This device should be mounted in a location that is not exposed to extreme temperatures or conditions. The temperature range for this device is listed in the product specifications. Extended exposure to temperatures exceeding the specified temperature range, in storage or operating conditions, may cause device failure. Extreme-temperature-induced damage and related consequences are not covered by the warranty.
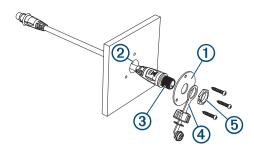
When selecting a mounting location, observe these considerations.

- To avoid interference with a magnetic compass, do not install the device closer to a compass than the compass-safe distance value listed in the product specifications.
- A 10 m (32 ft) extension cable is included to connect the handset to the VHF radio. You must select a mounting location for the handset that allows this extension cable to connect to the back of the VHF radio.
- You can use the included screws to mount the extension cable and the handset cradle mount on your boat. If the included screws are not appropriate for the mounting surface, you must purchase suitable hardware.

Installing the Extension Cable in the Mounting Surface

Before drilling a hole to mount the extension cable, you must make sure that the extension cable is long enough connect to the back of the VHF radio from the selected mounting location.

1. Using the mounting plate ① as a template, trace the cable hole in the center of the mounting plate and mark the screw locations.

2. Set the mounting plate aside.
   Do not drill through the mounting plate.
3. Using a 22 mm ($^7/_8$ in.) drill bit or hole saw, drill the center cable hole ② in the mounting surface.
4. Using a 3 mm ($^1/_8$ in.) drill bit, drill the pilot holes.
5. Apply marine sealant between the mounting plate and the mounting surface to help seal the holes (optional).
6. Using the included screws, attach the mounting plate to the mounting surface.
7. Connect one end of the extension cable to the microphone relocation port on the back of the VHF radio, and route the other end of the extension cable to the mounting location.
8. Feed the extension cable connector ③ through the back of the mounting surface.
9. Apply marine sealant around the extension cable connector in the mounting plate to help seal the hole (optional).
10. Secure the extension cable connector to the mounting plate using the weather cap ④ and the nut ⑤.
11. Connect the handset to the extension cable.

Installing the Cradle Mount

1. Select a mounting location near the extension cable.
   TIP: You can place the handset in the cradle mount, connect the handset to the extension cable, and hold it against the mounting surface to help determine the best location.
2. Using the cradle mount as a template, mark the screw locations.
3. Set the cradle mount aside.
   Do not drill through the cradle mount.
4. Using a 3 mm ($^1/_8$ in.) drill bit, drill the pilot holes.
5. Using the included screws, secure the cradle mount to the mounting surface.

Specifications

Specification	Measurement
Dimensions (H×W×D)	154 × 69 × 40 mm (6.1 × 2.7 × 1.6 in.)
Weight	318 g (11.22 oz.)
Temperature range	Operating: From -15° to 70°C (from 5° to 158°F)
	Storage: From -20° to 70°C (from -4° to 158°F)
Compass-safe distance	60 cm (23.6 in.)
Water rating	IEC 60529 IPX7*

*The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.