USER MANUAL

Contents

About Scotty Seeker™

Technical Specifications

Package contents:

- Seeker Probe
- Seeker Hub
- Seeker Charging Dock and power cord
- Seeker Hydrophone and mounting kit
- Stainless steel leader
- Quick start guide

Seeker Probe

|	
Maximum operating depth	100 meters (328 feet)
Storage temperature	From -20°C (-4°F) to 50°C (122°F)
Charging time	• 4 hours to full charge • 10 minutes to 10 hours of use
Estimated battery life	100 hours
Wireless connection	Bluetooth Low Energy (BLE)

Seeker Hub

Input voltage	9 - 16 V
Supply current	0.2 A
Connectors	• Ethernet (Cat 5e FTP) - Cable not included. - Maximum length of 3 meters. • Power • Hydrophone
Power cord length	1.8 meters (6 feet)

Seeker Hydrophone

Transom angle	2° to 22°
Housing	Plastic bracket
Max. depth	106 meters (350 feet)
Mounting style	Transom
Weight	0.5 kg (1.1 lb.)
Cable length	6 meters (19.5 feet)

System Overview
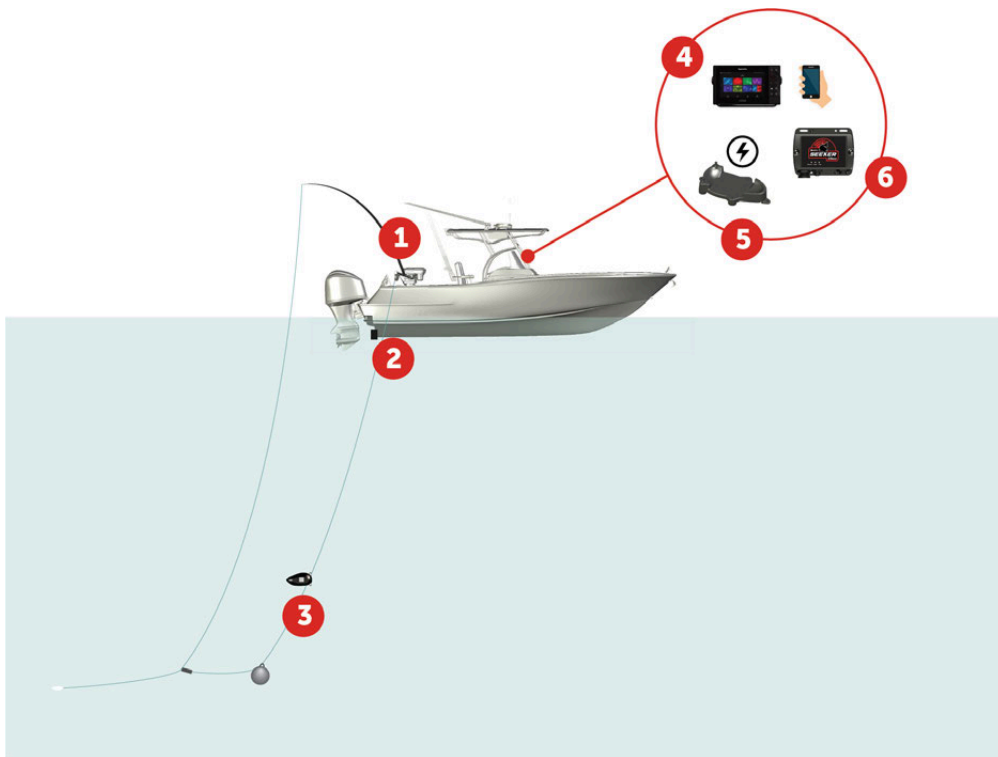
1	Downrigger	**4**	Mobile or MFD display app
2	Seeker Hydrophone	**5**	Seeker Charging Dock
3	Seeker Probe	**6**	Seeker Hub

Communication

Use the Seeker App on your mobile device and/or multi-function display to configure and display the data received from the probe in water.

Your mobile device can connect wirelessly to the Seeker system by short-range wireless connection (BLE). Bluetooth technology must be activated on your mobile device. In this mode, only one device at a time can connect to the Seeker Hub or Seeker Probe.

Seeker Probe Status Screen
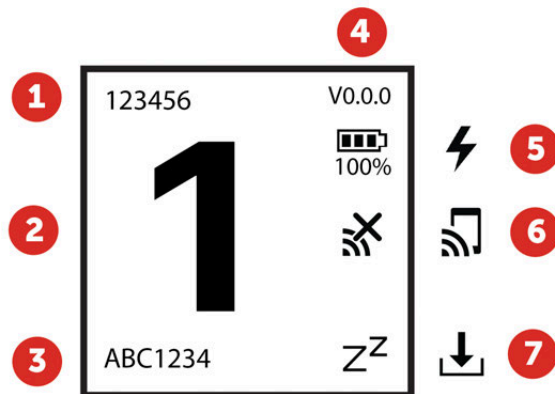
1 Probe PIN code

2 Probe number

3 Probe unique identifier

4 Probe firmware version

5 Battery status:

- 100% Charge percentage

- ⚡ Charging

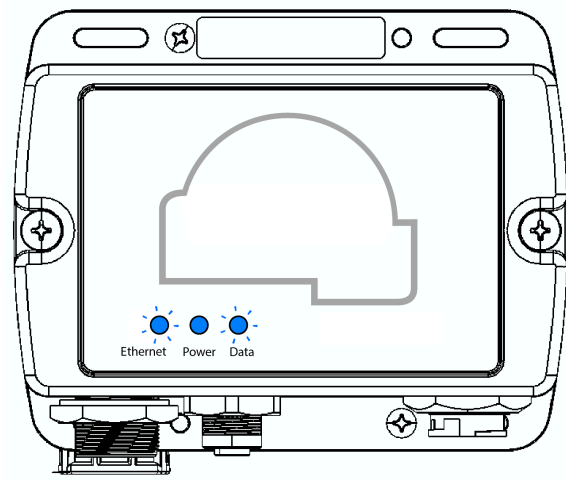**6** Wireless connection status:

- Not connected

- Paired with Seeker App

7 Probe mode:

- Z^z Sleeping mode

- Updating probe firmware

Seeker Hub Status Lights

- **Ethernet**: Blinking blue when connected to Ethernet network.
- **Power**: Fixed blue when power supplied.
- **Data**: Blinking blue when probe data is received.

Installation

Installing the Hydrophone

ℹ Keep the Seeker hydrophone as far as possible from other transmitting transducers.

ℹ Refer to the installation instructions included with your hydrophone.

Mounting locations

Single drive boat (outboard)
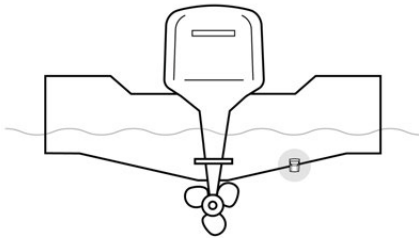
Twin drive boat (outboard)

Twin drive boat (inboard)

Single drive with kicker motor

Hydrophone should be on the opposite side from the kicker motor.

Mount the hydrophone as close to the centerline (keel) of the boat as possible.

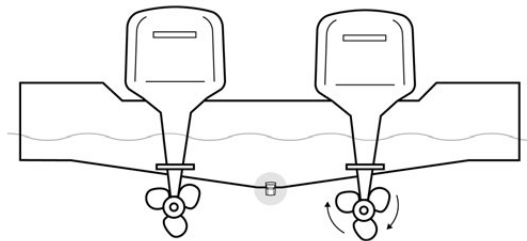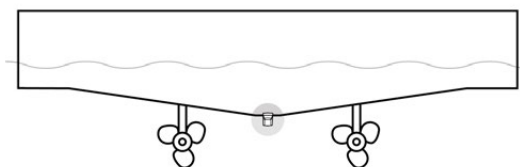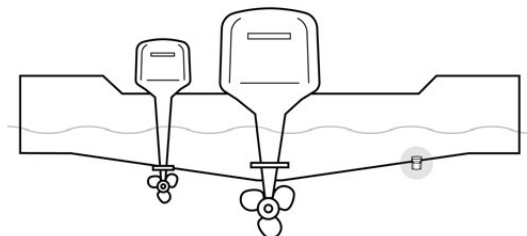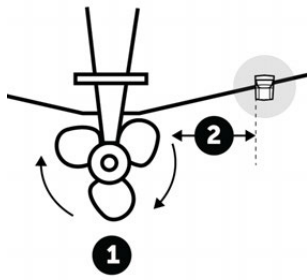**1** Mount according to propeller direction of rotation.

- Clockwise: mount on starboard side / right of transom (picture).
- Counterclockwise: mount on port side / left of transom.

2 Allow at least 3 inches (75 mm) of clearance beyond the swing radius of the propeller.

Mounting the hydrophone on the transom

1. Use the mounting bracket to mark the locations of the drill holes, then drill two holes using a 4 mm, #23 or 9/64″ bit. Use marine sealant on the drilled holes.
2. The hydrophone must be parallel, or nearly parallel, to the bottom (**1**) when fixed (**2**). If needed, use the shims provided in the product package to offset the transom angle (**3**), as shown on the pictures below.
3. Install the bracket first, then clip the hydrophone into it.
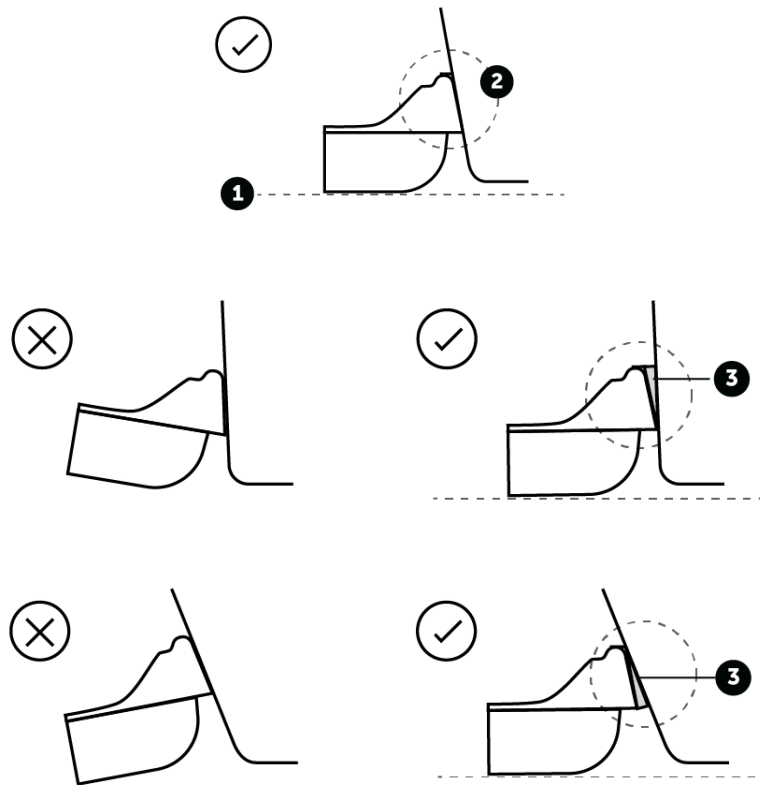
Routing and connecting the cable

1. Route the hydrophone cable over the transom, through a drain hole or through a new hole drilled in the transom above the waterline.
2. If routed over the transom, use the cable clamps provided in the product package to secure the cable.
3. Connect the cable to the Seeker Hub.

Seeker System Installation


1 Connect the hydrophone cable to the Seeker Hub.

2 Connect the Seeker Hub power cable to your boat's power supply (12V DC). We recommend using a 3A ATC inline fuse.

3 If using an MFD device, connect the Seeker Hub Ethernet cable directly to it via an Ethernet cable (not included, must be 3 meters maximum) or via an OEM required cable from the manufacturer of your MFD. See **Compatible MFD brands (on page 19)** for the list of compatible units.

4 Connect the Seeker Charging Dock to a power supply, then place the probe on it to charge and activate the probe's wireless signal.

5 Turn on Bluetooth on your mobile device to communicate with the probe on the charging dock, or with the Seeker Hub. Then, open Seeker App to configure **the probe (on page 14)** and **the fishing environment (on page 15)**. Once the probe(s) are deployed in water, the Seeker App displays their data.

> **i** Only one mobile device at a time can connect to the Seeker Hub.

Installing the Seeker Probe on a Downrigger

Attach the downrigger line to upper mounting point on the probe **1** and attach the weight to the lower mounting point using the stainless steel leader **2** provided in the package.

Then, deploy your probe in the water and monitor the measurements from your app or MFD screen.
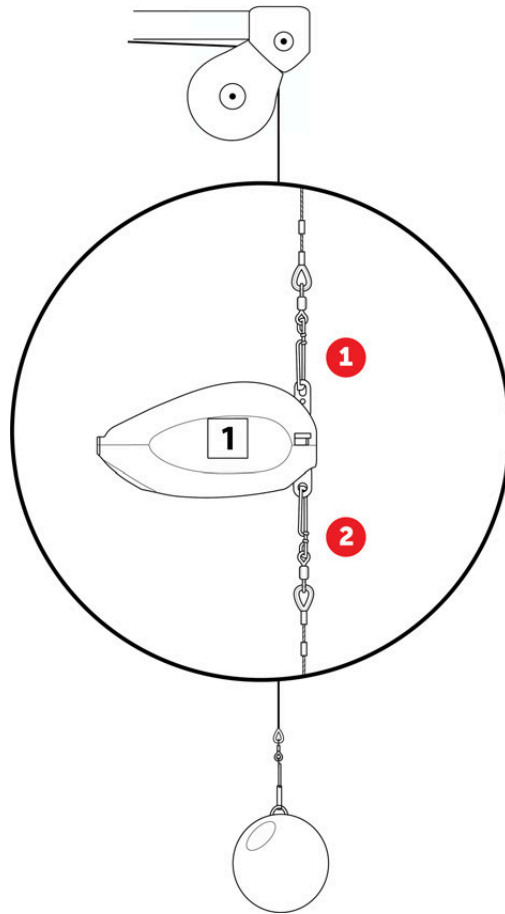
Data Configuration and Display

Configuring the Seeker Probe

The probe numbers correspond to different data modes.

1. Wirelessly connect your mobile device to the Seeker Probe. To pair with the probe:
   - Remove the probe from water and place it near the mobile device. The probe can be detected for 10 minutes after being removed from water.
   - Or, connect the Seeker Charging Dock to a 5 V USB connector, then place the probe on the charger with screen side up.
2. Select the probe from the Bluetooth's device list on your mobile device.
3. Open the Seeker App.
4. The first time you connect to the probe, the app asks you for a PIN code in order to secure the pairing with your probe. Enter the 6 digits displayed on the top left corner of the probe screen. You will only have to enter this PIN the first time you connect.
5. Tap **Settings** at the bottom of the app screen.
6. To choose a probe mode, tap **Configure your probes** and give each probe a unique number according to the type of data you want to receive:
   - 1 (thermocline mode): sends depth and temperature every half second, and speed every 5 seconds (minimum).
   - 2 to 4 (standard mode): sends depth, temperature and speed every 5 seconds (minimum).

> ! Each probe must have a unique number. Multiple probes with the same number will interfere with each other and incorrect data will be received.

7. To set the probe location, tap **Select your probe locations** in the **Settings** page.
8. Choose the probe number that corresponds to its location on the boat when it is deployed.

Configuring the Fishing Environment

1. Wirelessly connect your mobile device to the Seeker Hub.
2. The first time you connect to the hub, the app asks you for a PIN code in order to secure the pairing with your hub. Enter the 6 digits written on a sticker on the hub.
3. Open the Seeker App, then tap **Settings** at the bottom of the screen.
4. Tap **Configure your hub**.
   The app connects by default to the hub to which you connected when setting up the app.

> 💡 To connect to another hub, tap **Search for your hub** in the **Settings** page.

5. Choose the **Water type** and measurement units.

> ℹ️ The fact that the water is salty or fresh has an effect on the depth measurements. Make sure to select the correct type or the depth displayed on the app will not be accurate.

Displaying Data from the Seeker Probe

> ⚠️ Depth, speed, and temperature data from the probe is only visible on the app when the probe is in the water and transmitting to the hydrophone.

Displaying data on your mobile device

Your mobile device must be wirelessly connected to the Seeker Hub.

> ℹ️ Only one mobile device at a time can connect to the Seeker Hub.

1. Open Seeker App.
2. Tap **Probes**.

The app displays the data from the probes in water.

Displaying data on a Multifunction Display (MFD)

The MFD must be connected to the Seeker Hub via Ethernet cable. A network cable from the MFD manufacturer may be required, check with your MFD manufacturer.
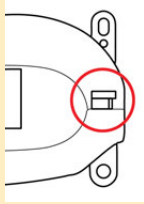
1. Open Seeker App from the icon on the MFD screen.
   The Seeker App opens on the MFD screen, showing data from the probes in the water.
2. Swipe the screen left or right to navigate through the incoming data.
3. If needed, you can customize the display on the screen. For more information about the MFD display features, refer to the manufacturer guidance.
   Seeker App data can be displayed on a simplified vertical or horizontal banner on the MFD screen. In this case, it displays only the temperature, depth and speed measurements.

Maintenance

After use	• Wash the Seeker Probe with fresh water.
	⚠ The depth sensor situated between the two mounting points is sensitive to pressure. When cleaning the probe, do not use tools like brushes or swabs near this area, as they may permanently damage the sensor.
Storage	• Storage temperature from -20°C (-4°F) to 50°C (122°F). • Do not store in direct sunlight. • The hub must be stored in a dry area.
Battery	To preserve battery life, avoid fully discharging the probe.

⚠ The probe contains components sensitive to Electrostatic Discharge (ESD), particularly the depth sensor. Follow proper ESD precautions when handling to prevent damage.

Troubleshooting

**I have several probes in water, but the
data I am receiving is incorrect or missing**

Multiple probes may have the same number. Check the probe settings, and change their numbers if they are the same: see **Configuring the Seeker Probe (on page 14)**.

On my mobile device, the Seeker App displays "Cannot find your hub"

• Check that the Seeker Hub is connected to a power supply.
• Another mobile device may be already wirelessly connected to the hub and probe. Use the other device already connected or disconnect the first device from the hub and probe.

Appendix

Compatible MFD brands

The Seeker App is compatible with the following MFD brands.

Electronic manufacturers constantly introduce new models and release new software. We do our best to be compatible with as many of these models as possible. For a definitive answer to compatibility, consult your electronics manufacturer.

> ℹ️ For further details about the display and cabling of your MFD, refer to the manufacturer instructions.

Brand	Specifications
Garmin	All models featuring the OneHelm™ technology (refer to Garmin official website). **Cable**: Garmin Ethernet cable
B&G	**Cable**: Navico Ethernet cable, part number: 000-0127-56.
Lowrance	
Simrad	

Contact

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Warranty

Scan the QR code to explore our Scotty Seeker™ warranty details online.

⚠ This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.