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Garmin 010-12676-50

Garmin Panoptix LiveScope Ice Fishing Kit (Model 010-12676-50) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

1. Introduction

The Garmin Panoptix LiveScope Ice Fishing Kit (Model 010-12676-50) provides a comprehensive solution for ice fishing, allowing users to view live, real-time scanning sonar up to 200 feet in any direction. This kit is designed to enhance your ice fishing experience by integrating with your compatible ECHOMAP UHD unit.
Key features of this kit include:

- Panoptix LiveScope transducer with live, real-time scanning sonar.
- Two operational modes: LiveScope Forward and LiveScope Down.
- Rugged, portable carrying case designed to fit your ECHOMAP UHD unit and all included components.
- Essential accessories for ice fishing setup.



Figure 1.1: The Garmin Panoptix LiveScope Ice Fishing Kit, including the portable carrying case and the LiveScope transducer.

2. Kit Contents and Setup

2.1. What's in the Box

Verify that all the following components are present in your kit:

- Panoptix LiveScope system (transducer and GLS 10 sonar black box)
- Panoptix ice fishing pole mount
- Power cable
- Portable fishing kit (carrying case)
- Foam float
- Cable grommet
- 12Ah battery
- Battery charger
- Transducer adapter cable
- Documentation



Figure 2.1: Kit accessories including the 12Ah battery, charger, foam float, and cables, stored within the portable case.

2.2. Initial Setup

1. **Charge the Battery:** Before first use, fully charge the included 12Ah battery using the provided charger. Refer to the charger's instructions for proper charging procedures.
2. **Assemble the Transducer Pole Mount:** Attach the Panoptix LiveScope transducer to the ice fishing pole mount. Ensure it is securely fastened according to the included documentation.
3. **Install Transducer:** Connect the transducer cable to the GLS 10 sonar black box. Use the foam float and cable grommet to manage the cable and transducer depth in the ice hole.
4. **Mount ECHOMAP UHD Unit:** Secure your compatible ECHOMAP UHD unit (sold separately) to the designated area within the portable carrying case.
5. **Connect Power:** Connect the power cable from the 12Ah battery to the GLS 10 sonar black box and your ECHOMAP UHD unit. Use the transducer adapter cable as needed.
6. **Organize Components:** Place all components neatly within the rugged portable carrying case for transport and protection.



Figure 2.2: Detailed view of the Panoptix LiveScope transducer, ready for pole mounting.



Figure 2.3: The rugged, portable carrying case designed to house the ECHOMAP UHD unit and all kit components.

3. Operating Instructions

The Panoptix LiveScope system offers two primary modes for real-time sonar viewing:

- **LiveScope Forward:** This mode allows you to see up to 200 feet in front of your transducer, providing a wide view of fish and structure as you move. This is useful for scouting new areas or understanding fish movement patterns.
- **LiveScope Down:** This mode provides a real-time view directly below your transducer, showing fish and structure in a vertical column. This is ideal for targeting fish directly beneath your ice hole.

3.1. Using the LiveScope System

1. **Power On:** Ensure all components are connected and power on your ECHOMAP UHD unit.
2. **Select LiveScope View:** On your ECHOMAP UHD unit, navigate to the sonar view and select the Panoptix LiveScope option. You can then choose between LiveScope Forward or LiveScope Down modes.
3. **Position Transducer:** Lower the transducer into an ice hole. Adjust the pole mount to orient the transducer for either Forward or Down view, depending on your selected mode and fishing strategy.
4. **Interpret Sonar Data:** Observe the real-time sonar returns on your ECHOMAP UHD display. Fish will appear as distinct targets, and you can identify structure and bottom contours.
5. **Locate Fish:** Use LiveScope Forward to scan a wider area around your hole. Once fish are detected, you can

switch to LiveScope Down or adjust your position to target them more precisely.



Figure 3.1: The Panoptix LiveScope transducer capable of scanning up to 200 feet in any direction.

4. Maintenance

4.1. Cleaning

- After each use, wipe down the transducer, cables, and carrying case with a damp cloth to remove any ice, water, or debris.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the components.
- Ensure all connectors are clean and dry before storage.

4.2. Battery Care

- Regularly charge the 12Ah battery, especially before extended periods of storage.
- Do not overcharge or completely discharge the battery, as this can reduce its lifespan.
- Store the battery in a cool, dry place. If the battery's performance significantly degrades (e.g., shorter operating time), consider replacing it with a compatible battery.

4.3. Storage

- When not in use, store the entire kit in its portable carrying case to protect components from damage and environmental elements.
- Ensure the transducer is clean and dry before placing it back in the case.
- Store in a location with stable temperature and humidity.

5. Troubleshooting

- **No Power to Unit:**
  - Check battery charge level.
  - Verify all power cables are securely connected to the battery, GLS 10 black box, and ECHOMAP UHD unit.
  - Inspect cables for any visible damage.
- **No Sonar Display:**
  - Ensure the transducer cable is firmly connected to the GLS 10 black box.
  - Confirm that the GLS 10 black box is receiving power.
  - Check settings on your ECHOMAP UHD unit to ensure the LiveScope sonar source is selected.
- **Poor Sonar Image Quality:**
  - Ensure the transducer face is clean and free of ice or debris.
  - Verify the transducer is properly submerged and oriented in the water.
  - Adjust gain and range settings on your ECHOMAP UHD unit.
- **Short Battery Life:**
  - Ensure the battery is fully charged before use.
  - Operating in very cold temperatures can reduce battery performance.
  - Consider the age and condition of the battery; replacement may be necessary if performance significantly degrades.

For further assistance, refer to the detailed documentation provided with your ECHOMAP UHD unit and the Panoptix LiveScope system, or contact Garmin support.

6. Specifications

Brand	Garmin
Model Name	Panoptix LiveScope Ice Fishing Kit
Model Number	010-12676-50
Power Source	Battery Powered (12Ah battery included)
Maximum Measuring Depth	200 feet (LiveScope Forward/Down)
Mounting Type	Pole Mount
Item Weight	28.5 pounds

Product Dimensions	19.24 x 16.24 x 13.99 inches (Kit)

7. Warranty and Support

7.1. Product Warranty

This Garmin product is covered by a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty information included in the product documentation or visit the official Garmin website.

7.2. Customer Support

For technical assistance, troubleshooting, or additional information about your Garmin Panoptix LiveScope Ice Fishing Kit, please visit the official Garmin support website or contact their customer service department. You can often find FAQs, software updates, and detailed manuals online.

Visit Garmin Support Website

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