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Garmin 010-01874-00

Garmin STRIKER Plus 7sv Fishfinder Instruction Manual

Model: 010-01874-00

Brand: Garmin

1. Introduction and Overview

The Garmin STRIKER Plus 7sv is an easy-to-use 7-inch fishfinder designed to help you see fish and underwater structures in colorful detail. This device features high-contrast color palettes for enhanced visibility beneath the surface. It supports Garmin CHIRP traditional sonar, CHIRP ClearVü, and CHIRP SideVü scanning sonars (requires compatible transducer). Integrated high-sensitivity GPS allows you to mark fishing hot spots, create routes, and monitor your boat's speed. The built-in Quickdraw Contours software enables you to create and save custom maps with 1-foot contours for up to 2 million acres. Wi-Fi connectivity facilitates waypoint transfers, smart notifications, and access to the Garmin Quickdraw Community via the ActiveCaptain app.

2. Key Features

- **Integrated Transducer:** Includes a transducer for built-in Garmin CHIRP traditional sonar plus CHIRP ClearVü scanning sonar.
- **Quickdraw Contours Mapping:** Create and store maps with 1-foot contours for up to 2 million acres.
- **Wi-Fi Connectivity:** Access the ActiveCaptain app for smart notifications, Quickdraw Contours Community, and software updates.
- **High-Sensitivity GPS:** Mark waypoints, create routes, and view your boat’s speed.
- **Bright Display:** Sunlight-readable 7-inch display with an intuitive user interface.

3. Product Components

The Garmin STRIKER Plus 7sv package includes the main display unit, a CV52HW-TM transducer, a protective cover, and various mounting hardware and cables. Below are visual representations of the product and its components.



Figure 1: Garmin STRIKER Plus 7sv Fishfinder Display. This image shows the main unit with its 7-inch screen displaying sonar data, along with the control buttons on the right side.



Figure 2: Garmin STRIKER Plus 7sv Fishfinder Display with Map. This image illustrates the device's screen showing a detailed map with depth contours and GPS information.

Unboxing the STRIKER Plus 7sv

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Video 1: This video provides a detailed unboxing of the Garmin STRIKER Plus 7sv, showcasing all included components such as the display unit, transducer, mounting hardware, and cables. It offers a visual guide to what you should expect in your package.

4. Setup & Installation

Before installation, ensure you have all components as shown in the unboxing video. The STRIKER Plus 7sv is designed for easy installation, typically involving mounting the display unit and the transducer. Refer to the detailed installation instructions provided in the box for specific steps regarding transom mount or trolling motor mount for the CV52HW-TM transducer. Proper transducer placement is crucial for optimal sonar performance. Connect the power cable to a 12V DC power source and the transducer cable to the corresponding port on the back of the display unit. Ensure all connections are secure and waterproof.

5. Operating Instructions

The STRIKER Plus 7sv features an intuitive interface for easy navigation through its various functions. Use the keypad on the right side of the unit to control menus and settings.

5.1. Sonar Modes

- **CHIRP Traditional Sonar:** Provides clear target separation and definition. Ideal for general fishfinding and identifying bottom contours.
- **CHIRP ClearVü Scanning Sonar:** Offers a photographic view of fish and structure below your boat. Excellent for distinguishing fish from structure.
- **CHIRP SideVü Scanning Sonar:** Presents a clear view of what lies to the sides of your boat, allowing you to scan large areas quickly and locate structure and fish.

To switch between sonar modes, press the 'Menu' button and select your desired view from the options. You can also customize split-screen views to display multiple sonar types simultaneously.

5.2. GPS and Quickdraw Contours

- **Marking Waypoints:** Use the 'Mark' button to quickly save your current location as a waypoint. This is useful for marking fishing spots, hazards, or other points of interest.
- **Creating Routes:** The GPS functionality allows you to create and follow routes. Navigate to the 'Routes' menu to plan your path.
- **Quickdraw Contours:** This feature automatically creates high-definition fishing maps with 1-foot contours as you navigate. The maps are saved to your device and can be shared with the Garmin Quickdraw Community via the ActiveCaptain app.

For detailed instructions on specific GPS and mapping functions, refer to the on-screen help or the full owner's manual.

6. Maintenance

- **Cleaning the Display:** Use a soft, clean, lint-free cloth to wipe the screen. For stubborn dirt, use a mild soap solution or a specialized screen cleaner. Avoid abrasive cleaners or solvents.
- **Transducer Care:** Regularly inspect the transducer for marine growth or damage. Clean with a soft cloth and mild soap. Ensure the transducer is free of obstructions for optimal performance.
- **Software Updates:** Periodically check for software updates via the ActiveCaptain app or Garmin's website to ensure your device has the latest features and performance enhancements.
- **Storage:** When not in use, store the device in a cool, dry place, ideally with the protective cover installed.

7. Troubleshooting

- **No Power:** Check power cable connections, fuse, and battery voltage. Ensure the device is properly connected to a 12V DC source.
- **No Sonar Image:** Verify transducer connection to the unit. Ensure the transducer is submerged in water and free of

air bubbles or obstructions. Check sonar settings for correct frequency and range.

- **GPS Not Acquiring Signal:** Ensure the device has a clear view of the sky. Move to an open area away from tall buildings or dense foliage. Allow several minutes for initial satellite acquisition.
- **Screen Freezing:** Try restarting the device. If the issue persists, check for available software updates.

For further assistance, consult the comprehensive owner's manual or contact Garmin customer support.

8. Specifications

Feature	Specification
Brand	Garmin
Model Name	Garmin STRIKER Plus 7sv
Power Source	Battery Powered
Screen Size	7 Inches
Display Type	Color TFT
Product Dimensions	7"L x 7"W x 7"H
Mounting Type	Transom Mount
Part Number	010-01874-00

9. Warranty and Support

This Garmin product is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Garmin website. For technical support, product registration, or to access additional resources, please visit garmin.com/support.

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