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Garmin 010-01872-00

Garmin STRIKER 5CV Fishfinder User Manual

Model: 010-01872-00

Introduction

The Garmin STRIKER Plus 5cv is a 5-inch GPS fishfinder designed to enhance your fishing experience. It integrates Garmin CHIRP traditional sonar and Garmin CHIRP ClearVü scanning sonar for detailed underwater views. The unit also features Quickdraw Contours mapping software, allowing users to create and store custom maps with 1-foot contours over up to 2 million acres. Its built-in GPS functionality enables marking waypoints, creating routes, and monitoring your boat's speed.

Package Contents

Verify that all items are present in your product packaging:

- STRIKER Plus 5cv Unit
- CV20-TM Transducer
- Transom Mount
- Trolling Motor Mount
- Power/Data Cable
- Tilt/Swivel Mount
- Documentation (Quick Start Manual, Warranty Information)

Setup and Installation

Proper installation is crucial for optimal performance of your STRIKER 5CV. This section provides general guidance for setting up your device.

Mounting the Device

The STRIKER 5CV unit can be mounted using the included tilt/swivel mount. Choose a location on your boat that provides clear visibility and easy access to the controls, while also protecting the unit from excessive spray or direct sunlight.



Image: Front view of the Garmin STRIKER 5CV fishfinder unit, displaying sonar and GPS information on its screen.

Transducer Installation

The CV20-TM transducer is essential for sonar functionality. It can be installed on the transom of your boat or on a trolling motor. Ensure the transducer is mounted in a location free from obstructions and turbulence to achieve the best sonar readings. Refer to the detailed installation instructions provided in the documentation for specific steps and best practices.

Power and Data Connection

Connect the power/data cable to a 12V DC power source on your boat. Ensure proper polarity. The cable also transmits data between the unit and the transducer. Secure all connections to prevent water ingress and ensure reliable operation.

Operating Instructions

The STRIKER 5CV features an intuitive user interface with buttons for easy navigation and control.

Powering On/Off

Press and hold the power button (usually marked with a power symbol) to turn the unit on or off. A short press typically accesses backlight and other quick settings.

Sonar Functionality

The STRIKER 5CV offers two primary sonar types:

- **Garmin CHIRP Traditional Sonar:** Provides crystal-clear images and remarkable target separation, allowing you to distinguish individual fish and structures below your boat.



Image: An underwater scene illustrating the clear target separation and detailed bottom structure provided by Garmin CHIRP traditional sonar, with a fish visible.

- **Garmin CHIRP ClearVü Scanning Sonar:** Delivers nearly photographic images of what passes below your boat, ideal for identifying structures and fish with high clarity.

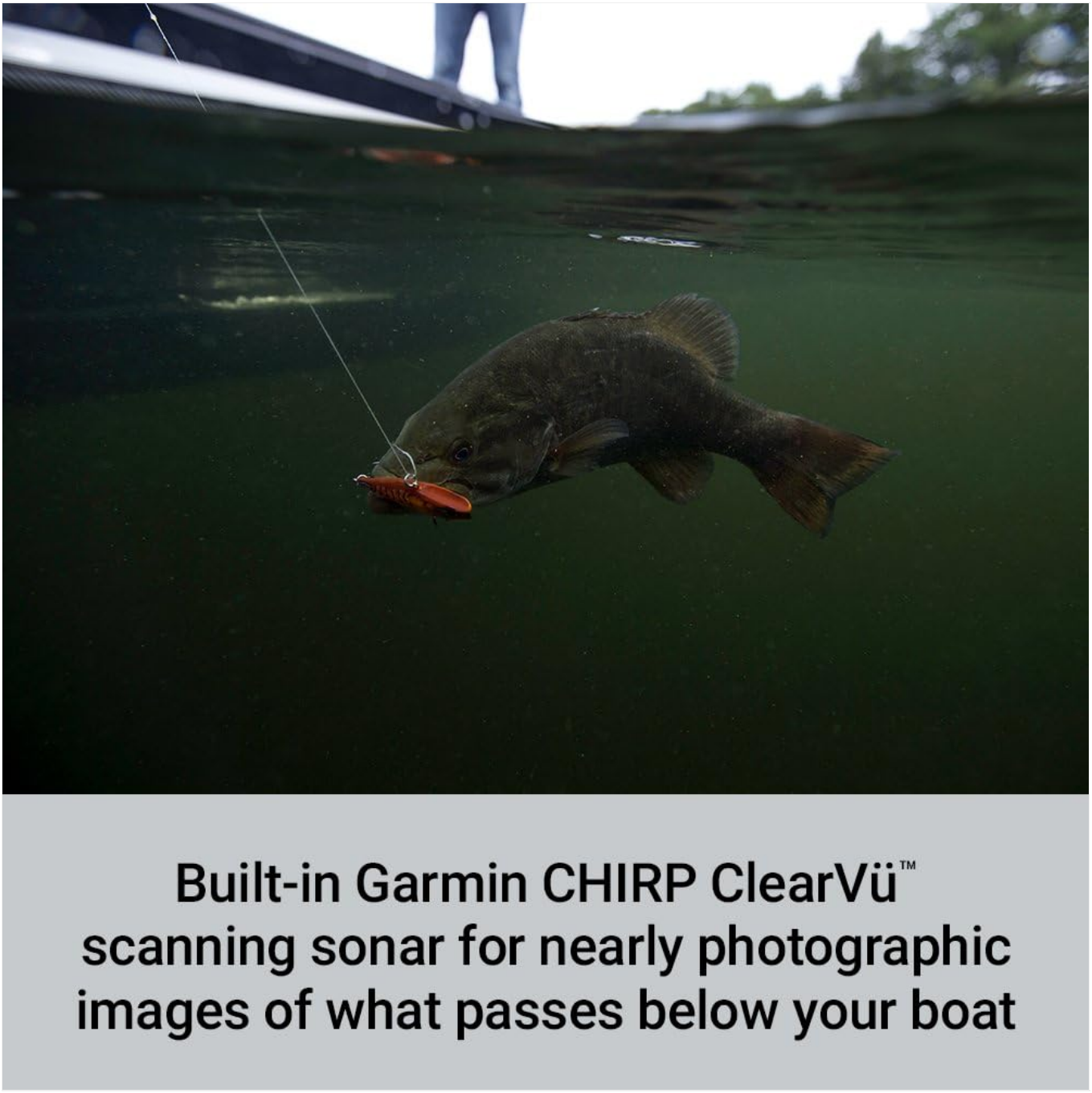


Image: An underwater scene demonstrating the photographic quality of Garmin CHIRP ClearVü scanning sonar, showing a fish near submerged vegetation.

You can switch between sonar views or use split-screen modes to view both simultaneously. Adjust gain, range, and other sonar settings through the menu to optimize performance for different water conditions.

GPS and Navigation

The built-in GPS allows you to:

- **Mark Waypoints:** Save specific locations, such as fishing spots, hazards, or docks.
- **Create Routes:** Plan navigation paths between multiple waypoints.
- **View Boat's Speed:** Monitor your current speed over ground.



Image: A boat on a body of water, with a graphical overlay indicating GPS functionality for marking waypoints and displaying boat speed.

Quickdraw Contours Mapping

Utilize the Quickdraw Contours mapping software to create personalized fishing maps with 1-foot contours. As you navigate, the device automatically draws contours on the screen. These maps can be stored for future use, covering up to 2 million acres.



Image: An aerial view of a lake with contour lines digitally overlaid, demonstrating the Quickdraw Contours mapping software's ability to create detailed bathymetric maps.

Maintenance

To ensure the longevity and optimal performance of your Garmin STRIKER 5CV, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the display and unit casing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the screen or plastic components.
- **Transducer Care:** Inspect the transducer periodically for marine growth or damage. Clean it gently with a soft brush and mild soap if necessary. Ensure the cable connections are secure and free from corrosion.
- **Storage:** When not in use for extended periods, store the unit in a dry, cool environment, away from direct sunlight and extreme temperatures. Disconnect power to prevent battery drain.
- **Software Updates:** Check the Garmin website periodically for software updates. Keeping your device's software current can improve performance and add new features.

Troubleshooting

If you encounter issues with your STRIKER 5CV, consider the following common troubleshooting steps:

- **No Power:** Check all power cable connections, ensuring they are secure and properly connected to a functional 12V power source. Verify the boat's fuse or circuit breaker.
- **No Sonar Readings:** Ensure the transducer is correctly installed and submerged in water. Check the transducer cable for damage or loose connections. Verify that sonar is enabled in the unit's settings.
- **Poor Sonar Image:** Adjust the gain and range settings. Ensure the transducer face is clean and free from obstructions or marine growth. Avoid mounting the transducer near sources of turbulence.
- **GPS Not Acquiring Signal:** Ensure the unit has a clear view of the sky. Avoid operating in enclosed areas or under heavy cover. Allow several minutes for the unit to acquire satellites.
- **Unit Freezes or Responds Slowly:** Try restarting the device. If the issue persists, perform a factory reset (refer to the documentation for specific steps, as this will erase user data).

For more detailed troubleshooting or persistent issues, contact Garmin customer support.

Specifications

Key technical specifications for the Garmin STRIKER 5CV Fishfinder:

Feature	Specification
Brand	Garmin
Model Name	Striker Plus 5cv
Item Model Number	010-01872-00
Screen Size	5 Inches
Display Type	WVGA color
Display Resolution	800 x 480 pixels
Product Dimensions	7.4"L x 2.1"W x 4.5"H (18.8 x 11.6 x 5.4 cm)
Item Weight	1.0 lbs (0.5 kg)
Power Source	Battery Powered (12V DC)
Maximum Measuring Depth	2300 Feet
Mounting Type	Surface Mount
Connectivity Technologies	Sonar
Human Interface Input	Buttons
Transducer Included	CV20-TM
Sonar Frequencies Supported	Traditional: 50/77/200 kHz; CHIRP (mid and high); ClearVü: 260/455/800 kHz
Transmit Power	500 W (RMS)
Water Rating	IPX7

Image: A table detailing the general, sonar, and fishfinder specifications of the Garmin STRIKER 5CV.

Warranty and Support

Your Garmin STRIKER 5CV is covered by a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Garmin website. For technical assistance, product support, or service inquiries, please contact Garmin customer support directly.

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Question

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Details

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