



[Manuals.plus](#) /

> [Garmin](#) /

> Garmin Striker Vivid 9sv Fishfinder Instruction Manual

Garmin 010-02554-00

Garmin Striker Vivid 9sv Fishfinder Instruction Manual

Model: 010-02554-00

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Garmin Striker Vivid 9sv fishfinder. The Striker Vivid 9sv is a 9-inch color fishfinder designed to enhance your fishing experience with advanced sonar capabilities and GPS features. Please read this manual thoroughly before using the device to ensure proper function and safety.

SAFETY INFORMATION

WARNING: Failure to heed the following warnings could result in an accident or collision, leading to death or serious injury.

- Always operate your vessel safely. Avoid distractions from the device.
- The device is an aid to navigation and should not replace prudent seamanship.
- Ensure all mounting hardware is securely fastened to prevent detachment during operation.
- Disconnect power before performing any maintenance or installation procedures.
- This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- STRIKER Vivid 9sv fishfinder unit
- GT52HW-TM transducer
- Power/data cable
- 12-pin to dual 4-pin transducer adapter cable

- Tilt mount
- Hardware for mounting
- Garmin bumper sticker
- Documentation (this manual)

SETUP

Mounting the Device

The Striker Vivid 9sv includes a tilt mount for flexible positioning. Choose a location on your vessel that provides optimal viewing and access to controls, while ensuring it does not obstruct navigation or safety equipment.

1. Position the tilt mount base and mark the drill holes.
2. Drill pilot holes as indicated by the mount.
3. Secure the mount base using the provided hardware.
4. Attach the Striker Vivid 9sv unit to the tilt mount.
5. Adjust the viewing angle and tighten the side knobs.



Image: The Garmin Striker Vivid 9sv fishfinder shown mounted at an angle, illustrating its compact design and adjustable bracket. This view highlights the side profile and the mounting mechanism.

Transducer Installation

The GT52HW-TM transducer supports CHIRP traditional sonar, CHIRP ClearVü, and CHIRP SideVü scanning sonars. Proper transducer placement is crucial for optimal performance.

- **Transom Mount:** For most outboard and I/O boats, mount the transducer on the transom, ensuring it is submerged and free from obstructions.
- **Trolling Motor Mount:** For trolling motors, use the provided hardware to secure the transducer to the motor shaft.
- Route the transducer cable away from electrical interference and sharp edges.
- Connect the transducer cable to the appropriate port on the back of the Striker Vivid 9sv unit. Use the adapter cable if necessary.



Image: The rear panel of the Garmin Striker Vivid 9sv, displaying the various connection ports for power, data, and transducer cables. Labels for "XDCR", "SIDEVÜ", and "POWER" ports are visible.

Power Connection

The device operates on a 12V DC power source. The power/data cable connects the unit to your boat's electrical system.

- Connect the red wire to the positive (+) terminal of your 12V battery.
- Connect the black wire to the negative (-) terminal of your 12V battery.
- Ensure an in-line fuse (3A, 250V fast-acting) is installed on the positive power lead, close to the battery.
- Connect the power/data cable to the "POWER" port on the back of the Striker Vivid 9sv unit.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on, press the **Power** button.
- To power off, press and hold the **Power** button until the power options appear, then select **Power Off**.

Basic Navigation and Controls

The device features a button interface for navigation and menu selection.

- **Arrow Keys:** Navigate through menus and adjust settings.
- **OK Button:** Select an item or confirm an action.
- **Back Button:** Return to the previous screen or menu.
- **Menu Button:** Access context-sensitive options for the current screen.
- **Zoom In/Out Buttons (+/-):** Adjust the zoom level on sonar and map screens.

Sonar Modes

The Striker Vivid 9sv offers multiple sonar views to help you locate fish and underwater structures.



Image: The Garmin Striker Vivid 9sv display showcasing a split-screen view. The top half shows two different sonar interpretations of underwater structure, while the bottom left displays a basic map with boat position, and the bottom right shows depth readings.

- **Traditional Sonar:** Provides a classic view of fish arches and bottom contours.
- **CHIRP ClearVü Scanning Sonar:** Offers a photographic-like image of what is below your boat.
- **CHIRP SideVü Scanning Sonar:** Shows a clear image of what is to the sides of your boat, useful for scanning large areas.
- To switch between sonar views, use the **Menu** button and select the desired sonar page.

Vivid Scanning Sonar Color Palettes

The device features new high-contrast color palettes to enhance the visibility of fish and structure. You can select from 7 new vivid color options.

- Access the sonar settings menu.
- Navigate to the "Color Palette" option.
- Select a palette that provides the best contrast and clarity for your current conditions.

GPS Features

The high-sensitivity GPS allows you to mark locations, create routes, and monitor your boat's speed.

- **Marking Waypoints:** Press the **Mark** button to save your current location as a waypoint. This is useful for marking fishing spots or hazards.
- **Creating Routes:** Use the chartplotter or map screen to create and navigate custom routes.
- **Viewing Speed:** Your boat's speed over ground (SOG) is displayed on various screens.

Quickdraw Contours

The built-in Quickdraw Contours software allows you to create and save custom HD fishing maps with 1-foot contours of the waters you fish. This feature is particularly useful for mapping uncharted waters or areas with limited map detail.

- Ensure the transducer is properly installed and functioning.
- Navigate to the Quickdraw Contours page.
- As you move, the device will automatically draw contours based on sonar readings.
- You can store up to 2 million acres of maps.

Wi-Fi Connectivity and ActiveCaptain App

The Striker Vivid 9sv features built-in Wi-Fi connectivity, enabling connection to the ActiveCaptain app on your compatible smartphone.

- Download the ActiveCaptain app from your smartphone's app store.
- Pair your smartphone with the Striker Vivid 9sv via Wi-Fi.
- Through the app, you can:
 - Transfer waypoints and routes.
 - Receive smart notifications (including software update notifications).
 - Access the Garmin Quickdraw Community to share and download maps.

MAINTENANCE

- **Cleaning the Device:** Use a soft, damp cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Transducer Care:** Regularly inspect the transducer for marine growth or damage. Clean with a soft brush and mild soap if necessary. Ensure the transducer is fully submerged during operation and lifted out of the water when not in use or during trailering.
- **Storage:** When storing the device for extended periods, disconnect it from power and store it in a cool, dry place.
- **Software Updates:** Periodically check for software updates via the ActiveCaptain app or Garmin's website to ensure optimal performance and access to new features.

TROUBLESHOOTING

Problem	Possible Solution
Device does not power on.	<ul style="list-style-type: none">◦ Check power cable connections to the device and battery.◦ Verify battery voltage (should be 10V to 20V).◦ Inspect the in-line fuse for continuity.

Problem	Possible Solution
No sonar readings or poor display.	<ul style="list-style-type: none"> ◦ Ensure transducer is properly connected and submerged. ◦ Clean the transducer face of any marine growth or obstructions. ◦ Check for air bubbles or turbulence around the transducer. ◦ Adjust sonar gain or sensitivity settings.
GPS not acquiring satellites.	<ul style="list-style-type: none"> ◦ Ensure the device has a clear view of the sky. ◦ Allow sufficient time for satellite acquisition (can take several minutes). ◦ Move to an open area away from tall buildings or dense foliage.
Screen freezes or becomes unresponsive.	<ul style="list-style-type: none"> ◦ Perform a soft reset by powering the device off and then on again. ◦ Ensure software is up to date.

SPECIFICATIONS

Feature	Detail
Brand	Garmin
Model Name	Striker Vivid 9sv
Model Number	010-02554-00
Screen Size	9 Inches
Display Type	LCD
Sonar Types	Garmin CHIRP Traditional, CHIRP ClearVü, CHIRP SideVü
GPS	High-sensitivity GPS
Mapping	Quickdraw Contours (up to 2 million acres)
Connectivity	Wi-Fi (for ActiveCaptain app)
Power Source	Corded Electric (12V DC)
Rated Current	1.5 A
Fuse Requirement	3 A, 250 V fast-acting
Item Weight	6.4 Pounds (2.9 kg)
Product Dimensions	4.4"L x 7.8"W x 9"H (11.2 cm x 19.8 cm x 22.9 cm)
Mounting Type	Tilt mount, Transom mount (for transducer), Trolling motor mount (for transducer)
UPC	753759270728

WARRANTY AND SUPPORT

For warranty information, product registration, and technical support, please visit the official Garmin website or contact Garmin customer service. Keep your purchase receipt as proof of purchase.

Online resources include:

- [Garmin Support Center](#)
- [Garmin Manuals](#)