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› [Humminbird PiranhaMAX 195C Color Dual Beam Fishfinder User Manual](#)

Humminbird 4087001

Humminbird PiranhaMAX 195C Color Dual Beam Fishfinder

Model: 4087001

PRODUCT OVERVIEW

The Humminbird PiranhaMAX 195C is a compact and user-friendly color dual beam fishfinder designed for recreational anglers. It features a vibrant 3.5-inch color TFT display that provides clear visibility even in direct sunlight, making it ideal for various fishing conditions. This unit simplifies fishfinding with its intuitive interface and reliable sonar capabilities.



Image: Front view of the Humminbird PiranhaMAX 195C fishfinder, showing its color display and control buttons.

Key Features:

- **3.5" 256 Color Display:** Provides clear and vibrant sonar returns.
- **320 x 240 Pixels:** Offers good resolution for detailed viewing.
- **Dual Beam Sonar:** Operates at 200kHz (28°) and 455kHz (16°) for versatile coverage.
- **Fishfinder/Trackplotter:** Essential functions for locating fish and navigating.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance of your PiranhaMAX 195C. Follow these steps carefully.

1. Mounting the Unit

The PiranhaMAX 195C is designed for *transom mount* installation. Choose a location on your boat's transom that is clear of obstructions and allows the transducer to be fully submerged in water when the boat is in motion.

1. Select a flat, stable surface for mounting the display unit, ensuring it is easily viewable from your operating position.
2. Use the provided mounting bracket and hardware to securely attach the display unit.
3. Ensure the unit is positioned to avoid direct sunlight glare as much as possible, though the display is designed for good visibility.

2. Transducer Installation

The transducer sends and receives sonar signals. Its correct placement is vital for accurate readings.

1. Mount the transducer on the transom, ensuring its face is parallel to the waterline and free from turbulence caused by the hull or propeller.
2. The bottom of the transducer should be slightly below the hull's bottom to ensure it is always in clean water.
3. Route the transducer cable away from electrical interference sources and secure it to prevent damage.

3. Power Connection

The unit is *battery powered*. Connect the power cable to a 12V DC power source.

1. Connect the red wire to the positive (+) terminal of your 12V battery.
2. Connect the black wire to the negative (-) terminal of your 12V battery.
3. Install an in-line 1-amp fuse on the positive power wire, close to the battery, for protection.
4. Ensure all connections are secure and corrosion-free.

4. Initial Power On

Once all connections are made, press the power button to turn on the unit. The display will illuminate, and the unit will begin its startup sequence.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and basic functions of your PiranhaMAX 195C.

Control Buttons:

- **Power/Light Button:** Press to turn the unit on/off. Press briefly to adjust backlight.
- **MENU Button:** Accesses the main menu for settings adjustments.
- **Arrow Buttons (Up/Down/Left/Right):** Navigate through menus and adjust settings.
- **VIEW Button (Checkmark):** Confirms selections or cycles through display views.

Basic Operation:

1. **Power On:** Press the Power button. The unit will start in the default sonar view.

2. Adjusting Sensitivity:

Sensitivity controls how much detail is shown on the screen. Higher sensitivity shows more detail, but can also show more clutter.

- In sonar view, use the Up/Down arrow buttons to adjust sensitivity directly.
- Alternatively, press MENU, navigate to Sensitivity, and adjust.

3. Depth Range:

The unit automatically adjusts depth range, but you can set it manually for specific conditions.

- Press MENU, navigate to Depth Range, and select Auto or a specific depth.

4. Dual Beam Sonar:

The PiranhaMAX 195C uses two beams: a narrow 200kHz beam for detailed bottom and fish separation, and a wider 455kHz beam for broader coverage and finding fish over a larger area.

- The unit typically displays both beams simultaneously or allows switching between them via the menu. Consult the on-screen options for beam selection.

5. Fish ID:

The Fish ID feature interprets sonar returns and displays fish arches as fish icons. This can be toggled on or off.

- Press MENU, navigate to Fish ID, and select On or Off.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your fishfinder.

- **Cleaning the Unit:**

Wipe the display and unit housing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they can damage the screen and plastic components.

- **Transducer Care:**

After each use, especially in saltwater, rinse the transducer with fresh water to remove salt, dirt, and marine growth. Ensure the transducer face is clean and free of scratches or obstructions.

- **Cable Inspection:**

Periodically inspect all cables for cuts, kinks, or corrosion. Replace damaged cables immediately to prevent electrical issues.

- **Storage:**

When not in use for extended periods, store the unit in a dry, cool place, away from direct sunlight and extreme temperatures. If possible, disconnect the unit from the battery.

TROUBLESHOOTING

Here are some common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not power on.	No power, blown fuse, loose connection.	Check battery connections, inspect fuse, ensure power cable is securely connected.
No depth reading or erratic readings.	Transducer not in water, air bubbles under transducer, transducer cable damage.	Ensure transducer is fully submerged. Clean transducer face. Check cable for damage. Adjust transducer angle.
Poor sonar image or excessive clutter.	Incorrect sensitivity setting, electrical interference, dirty transducer.	Reduce sensitivity. Check for nearby electrical devices. Clean transducer.
Fish icons not appearing.	Fish ID feature is off, sensitivity too low.	Enable Fish ID in the menu. Increase sensitivity.

If the problem persists after trying these solutions, please contact Humminbird customer support.

SPECIFICATIONS

Feature	Detail
Brand	Humminbird
Model Name	PiranhaMAX 195C
Part Number	4087001
Power Source	Battery Powered (12V DC)
Screen Size	3.5 Inches
Display Type	Color TFT
Display Resolution	320 x 240 Pixels
Sonar Frequencies	200 kHz (28°), 455 kHz (16°)
Mounting Type	Transom Mount
Item Weight	11 Pounds
Item Dimensions (LxWxH)	11.3 x 16 x 6.3 inches
Color	Black
UPC	082324036835, 082324036866, 082324036972, 066511937235, 082324036927

WARRANTY INFORMATION

This product is covered by a manufacturer's warranty. For specific details regarding the warranty period, coverage, and claims process, please refer to the warranty card included with your product or visit the official Humminbird website. Extended protection plans may also be available for purchase separately.

Note: The protection plans mentioned on the product page (e.g., 2-Year Protection Plan, 3-Year Protection Plan) are typically extended service contracts offered by third parties and are separate from the manufacturer's standard warranty.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Humminbird Customer Support.

Humminbird Official Website: www.humminbird.com

You may find additional resources, FAQs, and contact information on their website.

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