

Hawkeye DepthTrax 2B / FIAMM 5190512



DepthTrax 2B Boat Mount In Dash Digital Depth Finder and Marine Horn Instruction Manual

MODEL: DEPTHTRAX 2B / FIAMM 5190512

Brand: Hawkeye

1. Product Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your Hawkeye DepthTrax 2B Digital Depth Finder and FIAMM 5190512 Marine Horn. This combined system offers essential marine navigation and safety features for your vessel.

The DepthTrax 2B delivers accurate depth readings from 2.5 to 600 feet at speeds up to 60 mph, utilizing a 200 kHz transducer. It features a no-glare, polarized LCD display with a storage sun cover and a waterproof plug-and-play transducer connector. An advanced 3-stage warning system provides audible alarms, red LED lights, and LCD indicators for alarm conditions.

The FIAMM 5190512 Marine Horn produces a powerful 125 dB sound at 4 inches, designed to blend seamlessly with boat aesthetics. It meets ABYC, NMMA, and Coast Guard requirements and includes a durable stainless steel grill.



Image 1.1: The Hawkeye DepthTrax 2B Digital Depth Finder (available in black and white) and the FIAMM 5190512 Marine Horn.

2. Setup and Installation

2.1 DepthTrax 2B Installation

The DepthTrax 2B comes with a dual-mount transducer that can be either transom-mounted or glued inside most boat hulls. Ensure the mounting location provides a clear path for the sonar signal and is free from turbulence.

- **Transom Mount:** Secure the transducer to the transom using the provided bracket and hardware. Ensure it is submerged and angled correctly for optimal performance at various speeds.
- **In-Hull Mount:** For fiberglass hulls, the transducer can be glued directly to the inside of the hull using a suitable marine epoxy. This method requires no drilling through the hull.

Route the transducer cable to the display unit, ensuring it is protected from abrasion and interference. Connect the waterproof plug to the back of the DepthTrax 2B display.



Image 2.1: Components for DepthTrax 2B installation, including the transducer, mounting brackets, and various screws.

2.2 FIAMM 5190512 Marine Horn Installation

Select a mounting location for the horn that allows for clear sound projection and protects the horn from direct water spray. The horn is designed to be surface-mounted and includes a stainless steel grill for protection and aesthetics.

- Mount the horn securely using appropriate marine-grade fasteners.
- Connect the horn to your boat's 12V DC electrical system, ensuring proper fusing and wiring according to ABYC and Coast Guard standards.



Image 2.2: The FIAMM 5190512 Marine Horn, featuring its stainless steel grill.

3. Operating Instructions

3.1 DepthTrax 2B Operation

Once powered on, the DepthTrax 2B will automatically begin displaying depth readings. The polarized LCD display ensures readability in various light conditions.

- **Depth Display:** The primary display shows the current depth in feet (FT).
- **Alarms:** The unit features a 3-stage advanced warning system. When shallow or deep depth alarms are triggered, an audible alarm will sound, a red LED light will illuminate, and indicators will appear on the LCD.
- **Adjusting Settings:** Use the 'UP' and 'DOWN' buttons to navigate menus and adjust alarm settings or other parameters as described in the full user manual (not provided here).



Image 3.1: A close-up view of the DepthTrax 2B's digital display, indicating a depth of 600 feet.

3.2 Marine Horn Operation

The FIAMM 5190512 Marine Horn is activated via a momentary switch connected to your boat's electrical system. Press and hold the switch to sound the horn. Release the switch to stop the sound.

- Ensure the horn is used in accordance with maritime regulations for signaling.

4. Maintenance

4.1 DepthTrax 2B Maintenance

- **Display Cleaning:** Clean the LCD display with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Transducer Inspection:** Periodically inspect the transducer for marine growth or damage. Clean gently with a soft brush if necessary to ensure accurate readings.

4.2 Marine Horn Maintenance

- **Grill Cleaning:** The stainless steel grill can be cleaned with a mild soap and water solution. Rinse thoroughly and dry to prevent water spots.
- **Electrical Connections:** Periodically check all electrical connections to the horn for corrosion or looseness. Clean and tighten as needed.



Image 4.1: A detailed view of the FIAMM Marine Horn's stainless steel grill, which should be kept clean for optimal performance and appearance.

5. Troubleshooting

5.1 DepthTrax 2B Troubleshooting

- **No Depth Reading:** Check all power and transducer connections. Ensure the transducer is properly submerged and free of air bubbles or marine growth.
- **Inaccurate Readings:** Verify the transducer is mounted correctly and not in an area of turbulent water. Clean the transducer face.
- **Display Issues:** Ensure the unit is receiving adequate power. Check for physical damage to the display.

5.2 Marine Horn Troubleshooting

- **Horn Not Sounding:** Check the fuse in the horn's circuit. Verify all electrical connections are secure and free of corrosion. Test the horn switch for proper operation.
- **Weak Sound:** Ensure the horn's power supply is adequate. Check for any obstructions in front of the horn's sound output.

6. Specifications

Feature	Specification
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Feature	Specification
Brand	Hawkeye (DepthTrax 2B), FIAMM (Marine Horn)
Model Numbers	DepthTrax 2B, FIAMM 5190512
Depth Range (DepthTrax 2B)	2.5 to 600 feet
Transducer Frequency (DepthTrax 2B)	200 kHz
Operating Speed (DepthTrax 2B)	Up to 60 mph
Display Type (DepthTrax 2B)	No-glare, polarized LCD
Alarm System (DepthTrax 2B)	3-stage (audible, LED, LCD indicators)
Sound Output (Marine Horn)	125 dB at 4 inches
Horn Material	Stainless Steel Grill
Color	White and Black (DepthTrax 2B)
Manufacturer	Hawkeye

7. Warranty Information

For detailed warranty information regarding your DepthTrax 2B Digital Depth Finder and FIAMM 5190512 Marine Horn, please refer to the product packaging or visit the official Hawkeye website. Warranty terms and conditions may vary.

8. Customer Support

Should you require technical assistance, troubleshooting support, or have questions regarding your product, please contact Hawkeye customer service. Contact information can typically be found on the manufacturer's website or product documentation.

