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### Lowrance 000-15688-001

# Lowrance Elite FS Fishfinder/Chartplotter User Manual

Model: 000-15688-001

Brand: Lowrance

## 1. INTRODUCTION

The Lowrance Elite FS (Fishing System) is a powerful and versatile fishfinder and chartplotter designed to enhance your fishing experience. This unit combines advanced sonar technologies with detailed mapping capabilities, providing anglers with comprehensive underwater views and precise navigation.

### Key Features:

- **Active Imaging 3-in-1:** Experience refined detail of structure and cover with CHIRP, SideScan, and DownScan sonar, including FishReveal for clear target identification.
- **ActiveTarget Ready:** Supports ActiveTarget Live Sonar for real-time, high-resolution views of fish movement and lure interaction.
- **Full Networking:** Integrated wireless, NMEA 2000, and Ethernet connectivity for expanding your fishing system with radar, autopilot, and data sharing between displays.
- **7-Inch Multi-Touch Display:** A high-resolution, intuitive multi-touch screen for easy operation and clear viewing.
- **C-MAP Contour:** Preloaded with high-resolution 1-foot contours for 8,900 U.S. lakes, aiding in finding key fishing areas and precise navigation.



Figure 1: Front view of the Lowrance Elite FS 7 Inch Fishfinder/Chartplotter.

## 2. COMPONENTS INCLUDED

Your Lowrance Elite FS package includes the following components:

- Elite FS Fish Finder Display Unit
- Active Imaging 3-in-1 Transducer
- Sun Cover
- Mounting Bracket
- Power Cable
- Fuse and Fuse Holder
- Corner Clips

## 3. SETUP & INSTALLATION

Proper installation is crucial for optimal performance of your Elite FS unit. Please refer to the detailed Installation Manual (PDF) for comprehensive instructions, which can be found [here](#).

### 3.1 Mounting the Display

The Elite FS unit can be mounted using the included bracket for surface or flush mounting. Ensure a stable and accessible location with good visibility from your operating position.

### 3.2 Power Connection

Connect the power cable to a 12 Volt DC power source, ensuring proper polarity. Use the provided fuse and fuse holder for circuit protection. It is recommended to connect directly to a dedicated marine battery or a fused distribution panel.

### 3.3 Transducer Connection

Connect the Active Imaging 3-in-1 transducer cable to the corresponding port on the back of the Elite FS unit. Ensure the connection is secure and watertight. The transducer should be mounted in a location that provides a clear view of the water column, free from obstructions and turbulence.



Figure 2: Rear view of the Lowrance Elite FS unit showing connection ports.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

Press and hold the power button (usually located on the right side of the unit) until the Lowrance logo appears to power on the device. To power off, press and hold the power button again until the shutdown options appear, then select 'Power Off'.

### 4.2 Navigating the Interface

The Elite FS features a responsive multi-touch screen. You can navigate through menus and screens by tapping, swiping, and pinching. Physical buttons on the side provide quick access to common functions and menu navigation.

Your browser does not support the video tag.

Video 1: Demonstration of the Lowrance Elite Fishing System Display interface and navigation.

### 4.3 Sonar Functions (Active Imaging 3-in-1)

The Active Imaging 3-in-1 transducer provides three primary sonar views:

- **CHIRP Sonar:** Traditional sonar view for identifying fish arches and bottom composition.
- **SideScan:** Provides a wide, high-resolution view of structure and fish to the sides of your boat.
- **DownScan Imaging:** Offers a picture-like view of structure directly below your boat.
- **FishReveal:** Combines CHIRP sonar fish arches with high-resolution DownScan Imaging views, making fish easier to identify.



Figure 3: Sonar display showing fish and bottom structure.



Figure 4: SideScan and DownScan views for detailed underwater imaging.

#### 4.4 Chartplotter Functions

Utilize the preloaded C-MAP Contour charts for detailed navigation. You can set waypoints, create routes, and view high-resolution bathymetric contours to pinpoint fishing hotspots.



Figure 5: Chartplotter display with detailed C-MAP contours.

#### 4.5 Networking Capabilities

The Elite FS supports NMEA 2000 and Ethernet connectivity, allowing integration with other marine electronics such as radar, autopilot systems, and additional displays for shared data.

### 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Elite FS unit:

- **Cleaning:** Clean the display screen and unit exterior with a soft, damp cloth and mild soap. Avoid abrasive cleaners or solvents.
- **Transducer Care:** Periodically inspect the transducer for marine growth or damage. Clean gently with a soft brush.
- **Software Updates:** Check the Lowrance website regularly for software updates to ensure you have the latest features and performance enhancements.
- **Storage:** When not in use for extended periods, store the unit in a dry, cool place, ideally with the sun cover installed.

## 6. TROUBLESHOOTING

If you encounter issues with your Elite FS unit, consider the following common troubleshooting steps:

- **No Power:** Check all power connections, fuses, and battery voltage. Ensure the power cable is securely connected to the unit.
- **No Sonar Display:** Verify the transducer is correctly connected and submerged. Check sonar settings (frequency, range, sensitivity). Ensure the correct transducer type is selected in the system settings.
- **GPS Inaccuracy:** Ensure the unit has a clear view of the sky. Check for any obstructions that might block GPS signals.
- **Screen Freezing/Unresponsive:** Try a soft reset by powering the unit off and on. If the issue persists, consult the full manual for a hard reset procedure (note: this may erase user data).

## 7. SPECIFICATIONS

Specification	Detail
Brand	Lowrance
Model Name	000-15688-001
Power Source	12 Volt DC
Screen Size	7 Inches
Display Type	LCD
Item Weight	9.3 Pounds
Product Dimensions	10.45" L x 4.27" W x 6.39" H
Maximum Measuring Depth	40 Feet (Sonar)
Mounting Type	Bracket Mount, Surface Mount, Flush Mount

Specification	Detail
Material	Plastic
Style	ActiveImaging HD 3-in-1

## 8. WARRANTY & SUPPORT

The Lowrance Elite FS Fishfinder/Chartplotter comes with a **2-Year Warranty** from the manufacturer.

For further assistance, technical support, or to download the complete user manual, please visit the official Lowrance support website or refer to the Installation Manual (PDF) provided with your product. You can access the Installation Manual [here](#).

### Related Documents - 000-15688-001

	<p><a href="#">Lowrance Elite FS Installation Guide</a>          Installation guide for the Lowrance Elite FS series of fishfinders and chartplotters, detailing technical specifications, wiring, and mounting instructions.</p>
	<p><a href="#">Lowrance Eagle 4x Installation and Mounting Template</a>          Installation guide and mounting template for the Lowrance Eagle 4x fishfinder, including technical specifications, included accessories, and mounting instructions.</p>
	<p><a href="#">Lowrance ELITE Ti Installation Manual: Your Guide to Marine Electronics Setup</a>          Install your Lowrance ELITE Ti series fishfinder and chartplotter with confidence. This comprehensive installation manual covers everything from mounting and wiring to software setup and accessories for marine navigation.</p>
	<p><a href="#">Lowrance Elite FS Quick Guide</a>          A concise and user-friendly quick guide for the Lowrance Elite FS series, covering essential features and operations for chartplotting and fishfinding.</p>



### [Lowrance Elite FS Quick Start Guide](#)

Quick start guide for the Lowrance Elite FS series marine electronics. Learn to navigate, use sonar, set up waypoints, and explore key features of your fishfinder/chartplotter.



### [Lowrance Elite FS Installation Guide](#)

Comprehensive installation guide for the Lowrance Elite FS series fishfinder/chartplotter, covering technical specifications, wiring, mounting, dimensions, and compliance information.