

Technical specifications

	7"	9"
Environmental		
Operating temperature range	-15°C to +55°C (5°F to 131°F)	
Storage temperature	-20°C to +60°C (4°F to 140°F)	
Waterproof rating	IPX6 and IPX7	
Electrical		
Supply voltage	12 V DC (10 - 17 V DC min - max)	
Fuse rating	3 A	
Power consumption (maximum)	28 W (2 A at 13.8 V DC)	
Display		
Resolution	800 x 480 pixels	
Viewing angles in degrees	50° top, 60° bottom 70° left and right	
Brightness	> 1200 nits	
Touch screen	Multitouch	
Physical		
Weight (display only)	0.9 kg (1.9 lbs)	1.2 kg (2.7 lbs)
Compass safe distance	0.5 m (1.6 ft)	
Interface/Connectivity		
NMEA 2000®	1 port (Micro-C connector)	
Data card reader	1x slot (microSD, SDXC)	
Ethernet	1 port (5-pin Ethernet connector, 100Base-T)	
Sonar	1 port (9-pin connector)	
Wi-Fi® internal	802.11b/g/n	
Bluetooth®	4.0 with support for Bluetooth® Classic	
GPS	10Hz high speed update WAAS, MSAS, EGNOS, GLONASS	

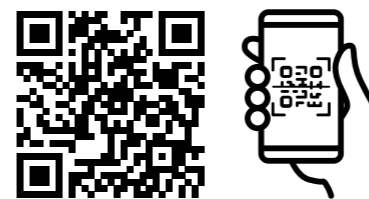
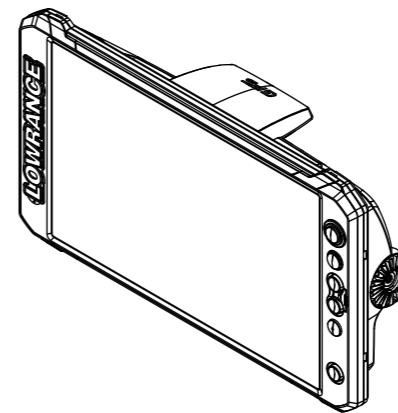
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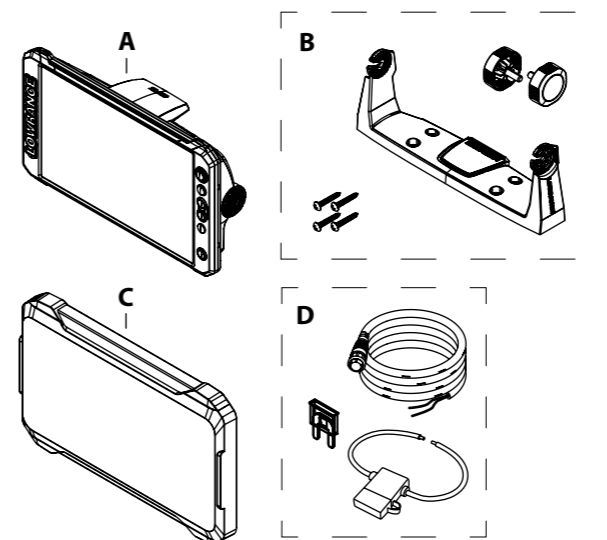
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LOWRANCE®

Elite FS® Installation Guide



In the box



- A Elite FS® unit
- B Gimbal bracket kit
- C Sun cover
- D Power cable kit

Compliance statements

Declarations

The relevant declarations of conformity are available at: www.lowrance.com.

Europe

This product complies with CE under the Radio Equipment Directive 2014/53/EU.

United Kingdom

This product complies with UKCA under The Radio Equipment Regulations 2017.

United States of America

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

! Warning: The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

→ **Note:** This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that of the receiver is connected
- Consult the dealer or an experienced technician for help.

Canada

This product complies with ISED (Innovation, Science and Economic Development) Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Australia

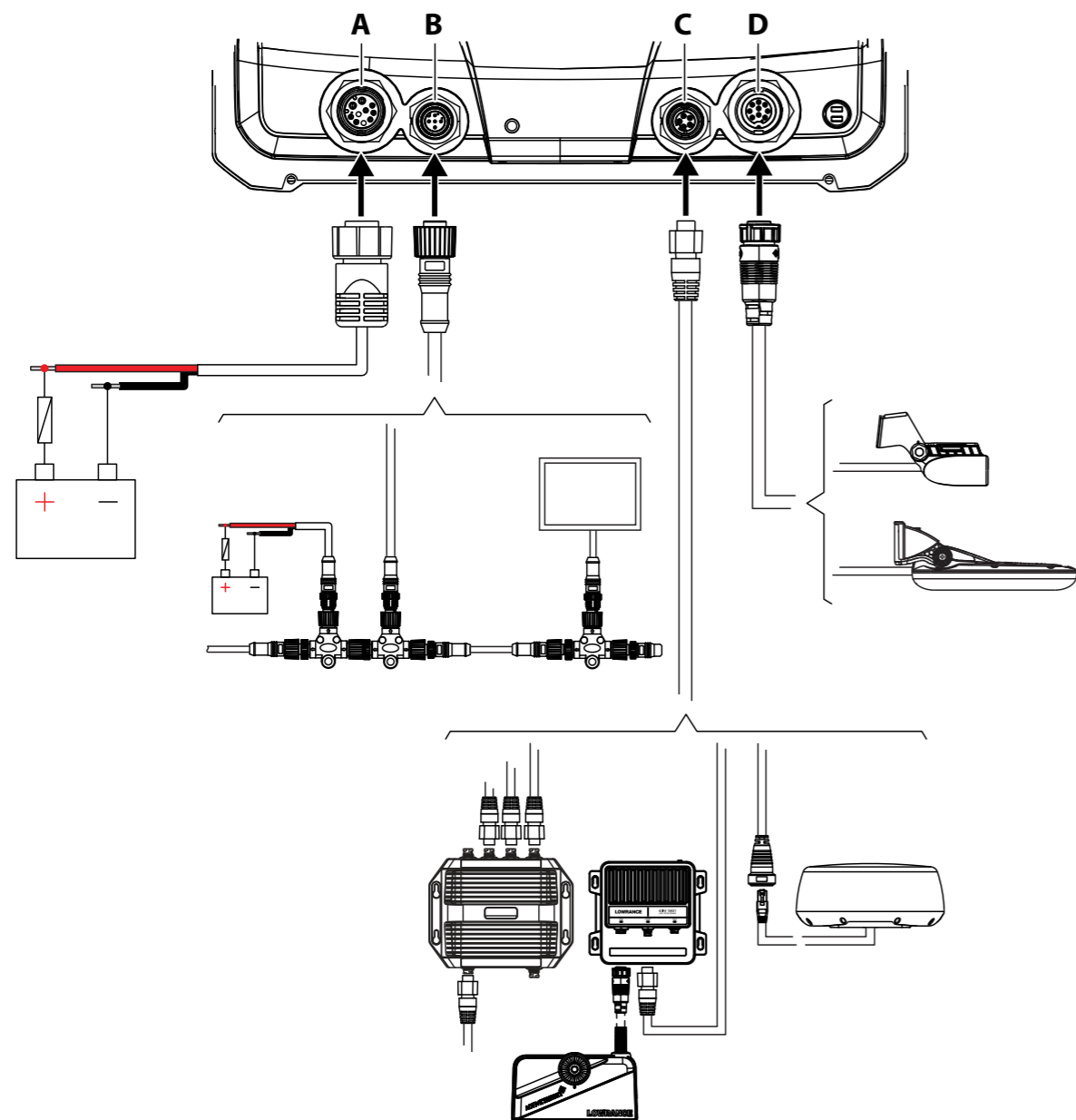
This product complies with ACMA according to Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017 and Radiocommunications (Compliance Labelling - Devices) Notice 2014.

New Zealand

This product complies with RSM according to Radiocommunications (EMC Standards) Notice 2019 and Radiocommunications (Radio Standards) Notice 2020.

Wiring

This wiring diagram shows connection examples. Accessories and additional devices are sold separately.



Power, 10-pin connector (A)

The unit is designed to be powered by 12 V DC. It is protected against reverse polarity, under voltage and over voltage (for a limited duration). A fuse or circuit breaker should be fitted to the positive supply.

Wire color	Purpose
Red	+ 12 V
Black	DC negative

NMEA 2000®, Micro-C connector (B)

The NMEA 2000® data port enables the receiving and sharing of data from various sources.

Ethernet, 5-pin connector (C)

Ethernet interconnects high bandwidth devices such as radar, sonar modules, and other displays. Connection of network devices can be made directly to the Ethernet port, or via a network expansion device.

Sonar, 9-pin connector (D)

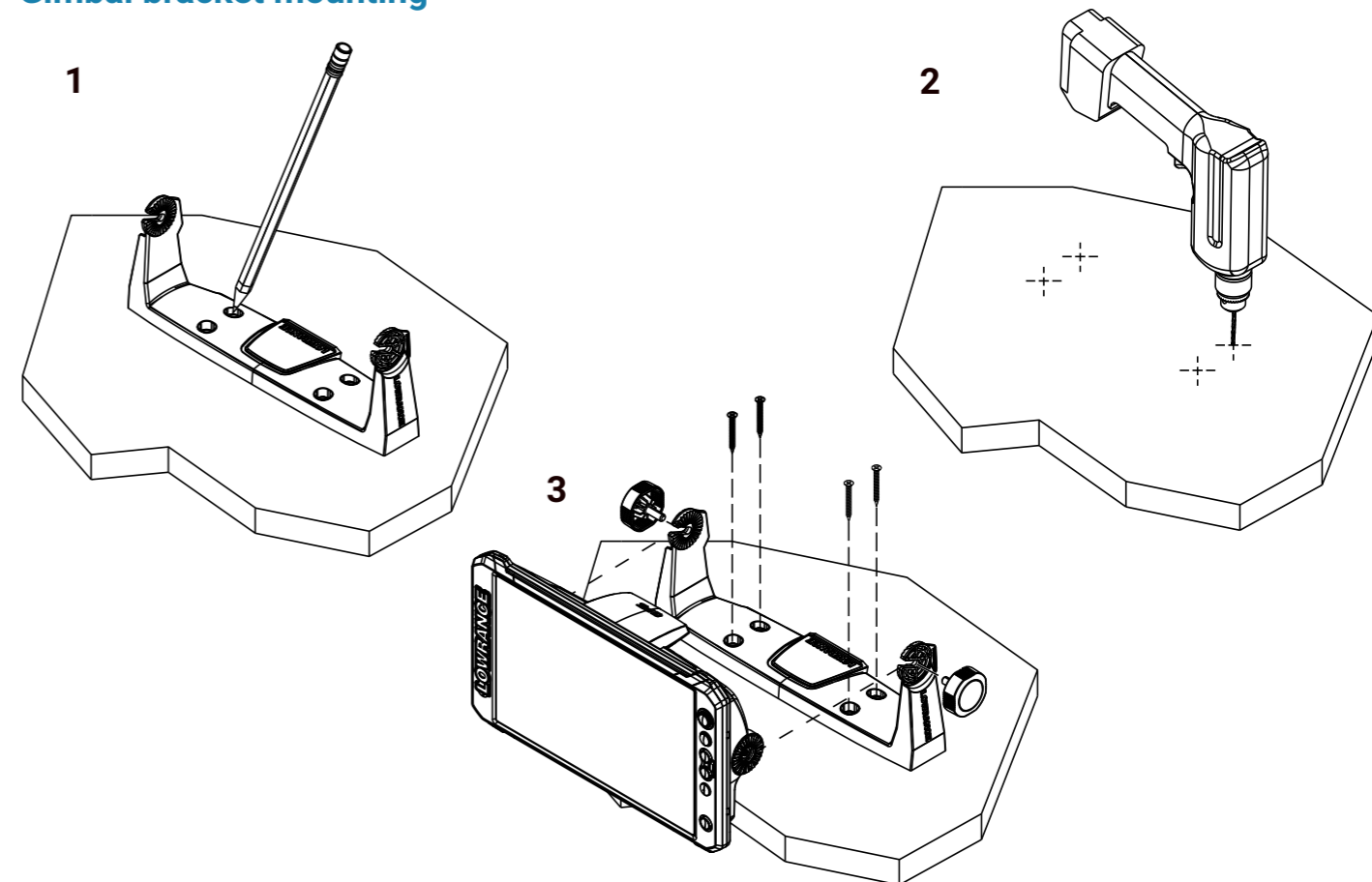
A 7-pin transducer cable can be connected to a 9-pin port using a 7-pin to 9-pin adapter cable. However, if the transducer has a paddle wheel speed sensor, water-speed data won't display on the unit.

Supports:

- Sonar / CHIRP sonar
- DownScan / SideScan
- Active Imaging™ / Active Imaging™ 3-in-1
- TotalScan® / StructureScan®
- LiveSight™ via PSI-1

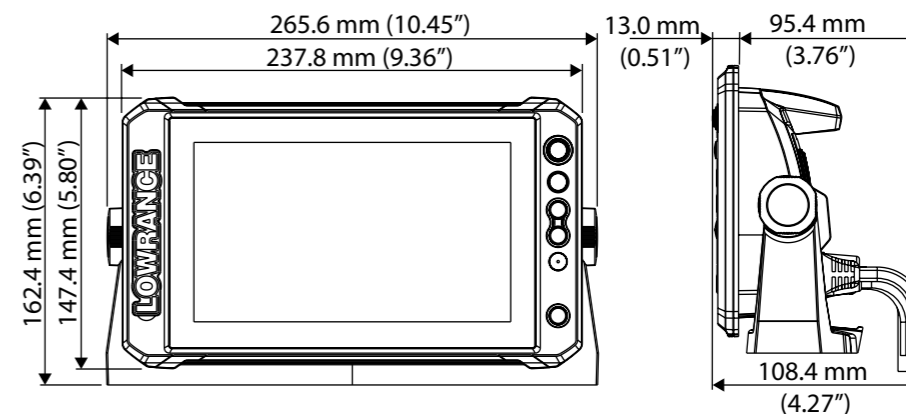
→ **Note:** ActiveTarget® transducers are supported via its external module connected to the Ethernet network.

Gimbal bracket mounting



Dimensions

7" unit



9" unit

