LOWRANCE®

ELITE FS™

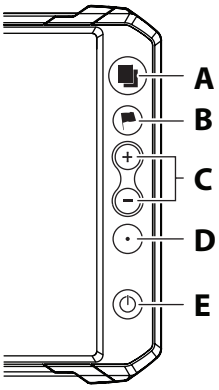
QUICK GUIDE

LOWRANCE

ELITE FS™ Quick Guide

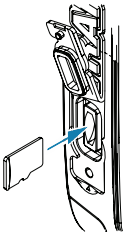
EN

Keys



A	**Pages**	• Press once to activate the home page, repeat short presses to cycle the favorite pages.
B	**Waypoint**	• Press to open the new waypoint dialog. • Press twice to save a waypoint. • Press and hold to access the find dialog.
C	**Zoom in/ out**	• Press to zoom the image. • Simultaneous press both keys to save a Man Overboard (MOB) waypoint at the current vessel position.
D	**Quick access**	• Use the Quick access option in the system settings dialog to configure the key.
E	**Power**	• Press to turn the unit ON. • Press and hold to turn the unit OFF. • When ON press once to display the System Controls dialog, repeat short presses to cycle the backlight brightness.

Card reader



- To insert, carefully slide the card into the slot until it clicks into place.
- To remove, carefully push in the card until it clicks out of place.

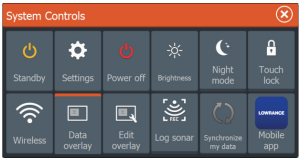
→ ***Note:*** MICROSD™, max 32 GB, FAT32.

System controls dialog

Used for quick access to system settings.

To activate:

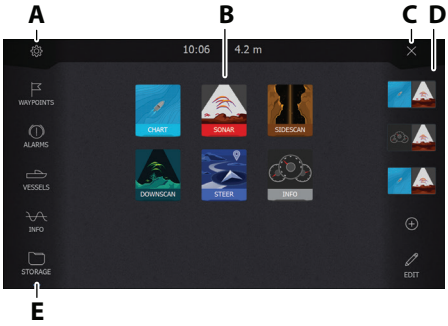
- Press the power key.



→ ***Note:*** The content of the system controls dialog depends on connected equipment and active panel.

Home page

Activate the home page by pressing the pages key.

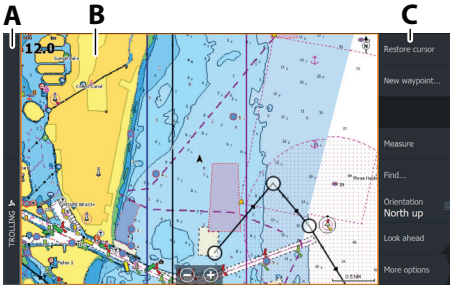


A. Settings button
B. Application buttons
C. Close button
D. Favorites
E. Toolbar buttons

Application pages

To activate an application page:

- Tap the application button (full page panel).
- Tap a favorites button.
- Press and hold an application button to select a predefined quick split page.

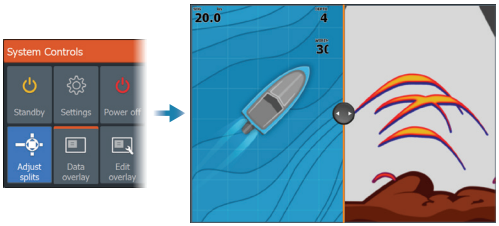


A. Control bar
B. Application panel
C. Menu

Adjust panel size

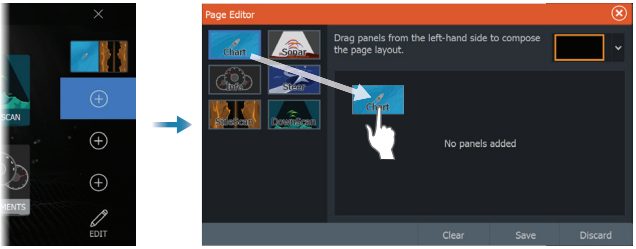
To adjust the panel sizes in a quick split page or favorite pages:

1. Tap the adjust splits button in the System Control dialog to show the resize icon.
2. Drag the resize icon to set preferred panel size.
3. Save the changes by pressing the enter key, or select the save button.

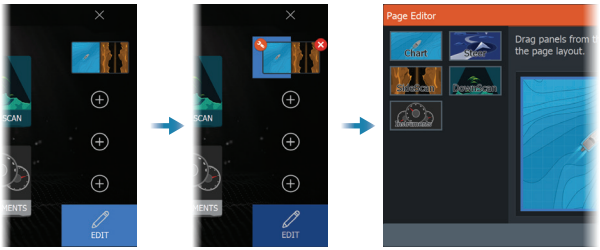


Favorite pages

Add a favorite page



Edit a favorite page

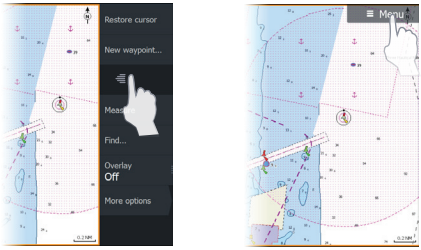


Edit favorite page.

Delete favorite page.

Menus

The panel menu



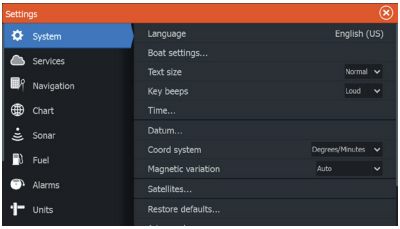
To hide the panel menu:

- Swipe the menu to the right.

To restore the panel menu:

- Press the menu button.

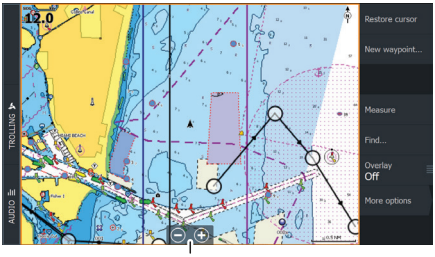
Settings menu



To activate the settings dialog:

- Select the settings button in the system controls dialog.
- Select the settings button on the home page.

Chart



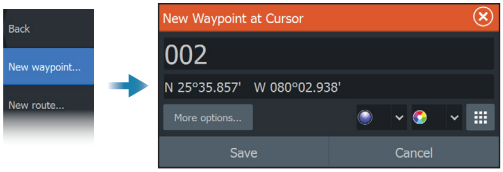
A

- Zoom the image by using spread or pinch gestures, or by using the zoom buttons (**A**).
- Move the view in any direction by panning the chart.
- Display information about a chart item by tapping the item.

Waypoints

To create a new waypoint:

- Select the new waypoint option in the menu.



→ ***Note:*** With the cursor inactive, the waypoint will be placed at the vessel's position. With the cursor active, the waypoint will be placed at the selected cursor position.

Routes

To create a route:

1. Activate the cursor on the chart panel.
2. Select the new route option in the menu.
3. Tap the chart to position the first route point.
4. Repeat point 3 to position additional route points.
5. Save the route by selecting the save option from the menu.

Navigating

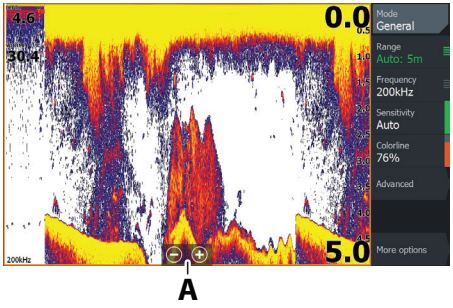
To navigate to cursor position:

- Position the cursor at the selected destination on the panel, then select the go to option in the menu.

To navigate a route:

- Tap the route to make it active, then select the start route option in the menu.
- Select the route from the routes dialog, then select the start option in the dialog.

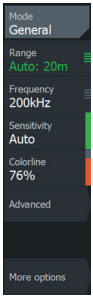
Sonar



- Zoom the image by using spread or pinch gestures, or by using the zoom buttons (**A**).
- View sonar history by panning the image.
- Adjust sensitivity and colorline from the panel menu.
- Toggle available sonar frequencies from the menu.

Setting up the image

It is recommended that only experienced sonar users use the customize settings to further customize the image.

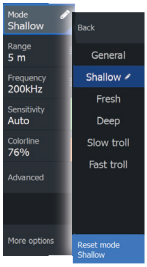


- The range setting determines which water depth that is visible on the screen.
- The unit supports several transducer frequencies. Available options depend on type of transducers connected to the system.
- Increasing sensitivity shows more detail on the screen. Decreasing sensitivity displays less. Auto sensitivity automatically adjusts the sonar return to the optimal levels.
- Colorline adjusts the colors of the display to help differentiate softer targets from harder ones.

→ ***Note:*** When the cursor is active, some options on the sonar menu are replaced with cursor mode features. Select clear cursor to return to the normal sonar menu.

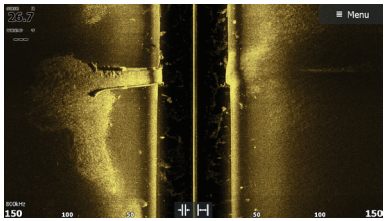
Fishing mode

Used to select predefined sonar settings designed for specific fishing conditions.

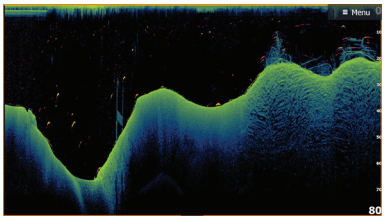


→ ***Note:*** Use shallow water fishing mode when fishing in less than 18 meter (60 feet) of water.

SideScan and DownScan



SideScan

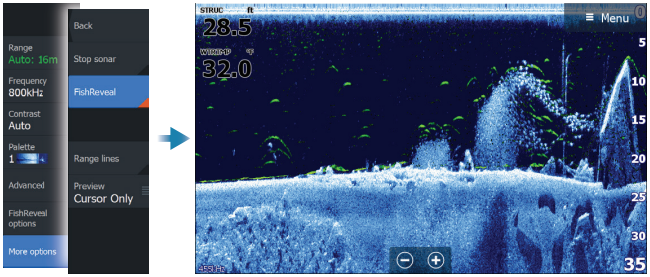


DownScan

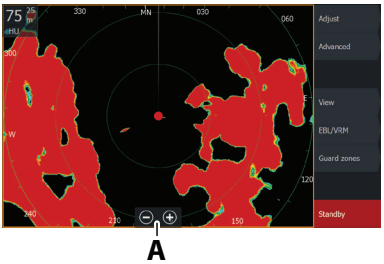
- Zoom the image by using the zoom keys.

FishReveal™

Select FishReveal to display fish arches in the DownScan image.



Radar



- Turn the radar transmitting on/off from the menu.
- Zoom the image by using spread or pinch gestures, or by using the zoom buttons (**A**).
- Adjust gain, sea clutter and rain clutter settings from the adjust menu.

Technical specification

	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)	
WiFI 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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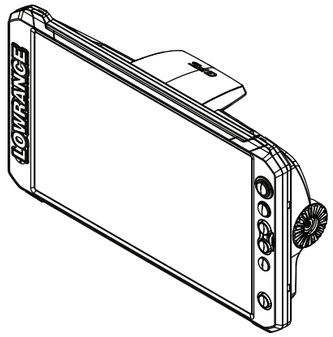
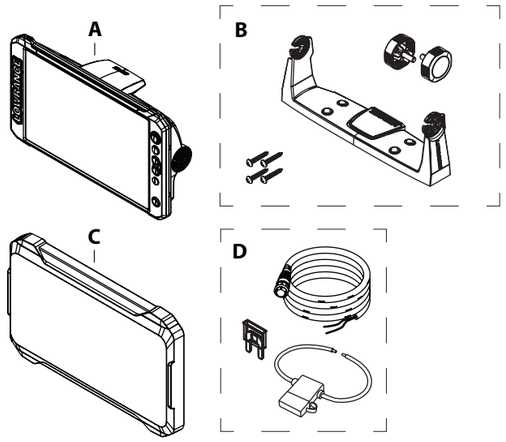
ELITE FS™
INSTALLATION GUIDE



988-12758-002

Parts included

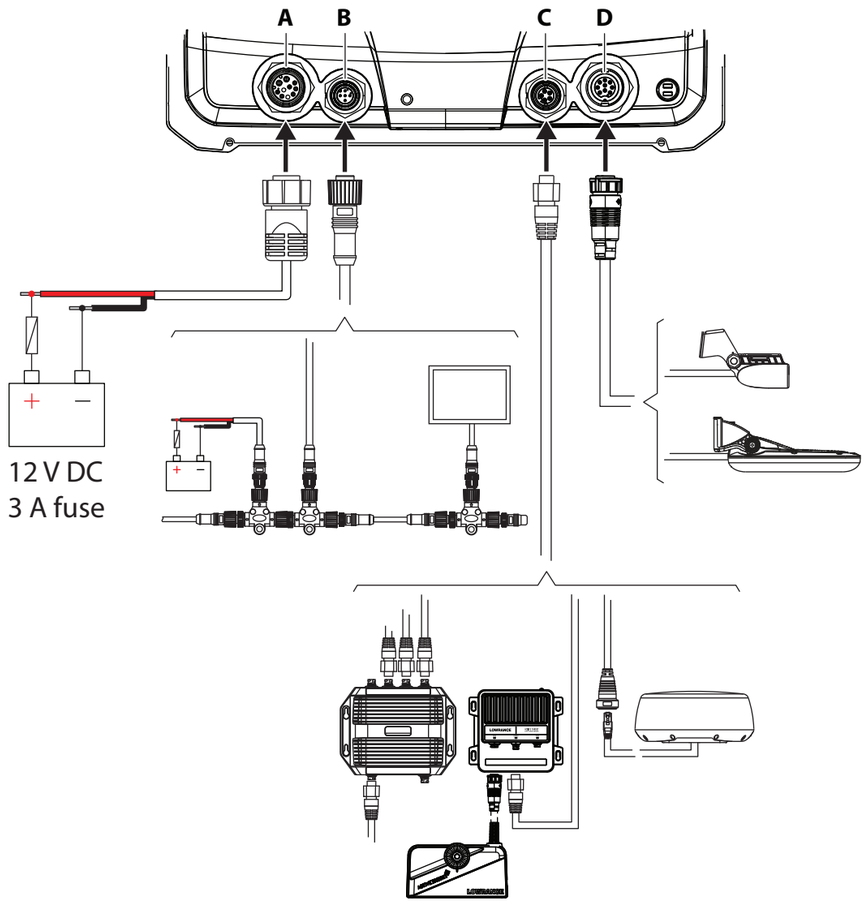


A Elite FS™ unit
B Gimbal bracket kit
C Sun cover
D Power cable kit

Wiring

→ ***Note:*** The illustration shows connection examples. Accessories and additional devices are sold separately.

A **Power**, 10 pin-connector
B **NMEA 2000®**, Micro-C connector
C **Ethernet**, 5-pin connector
D **Sonar**, 9-pin connector



Power (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 shall be fitted to the positive supply.

Wire color	Purpose
Red	+ 12 V
Black	DC negative

NMEA 2000® (B)

The NMEA 2000® data port allows receiving and sharing of a multitude of data from various sources.

Ethernet (C)

Ethernet is used to interconnect 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 (D)

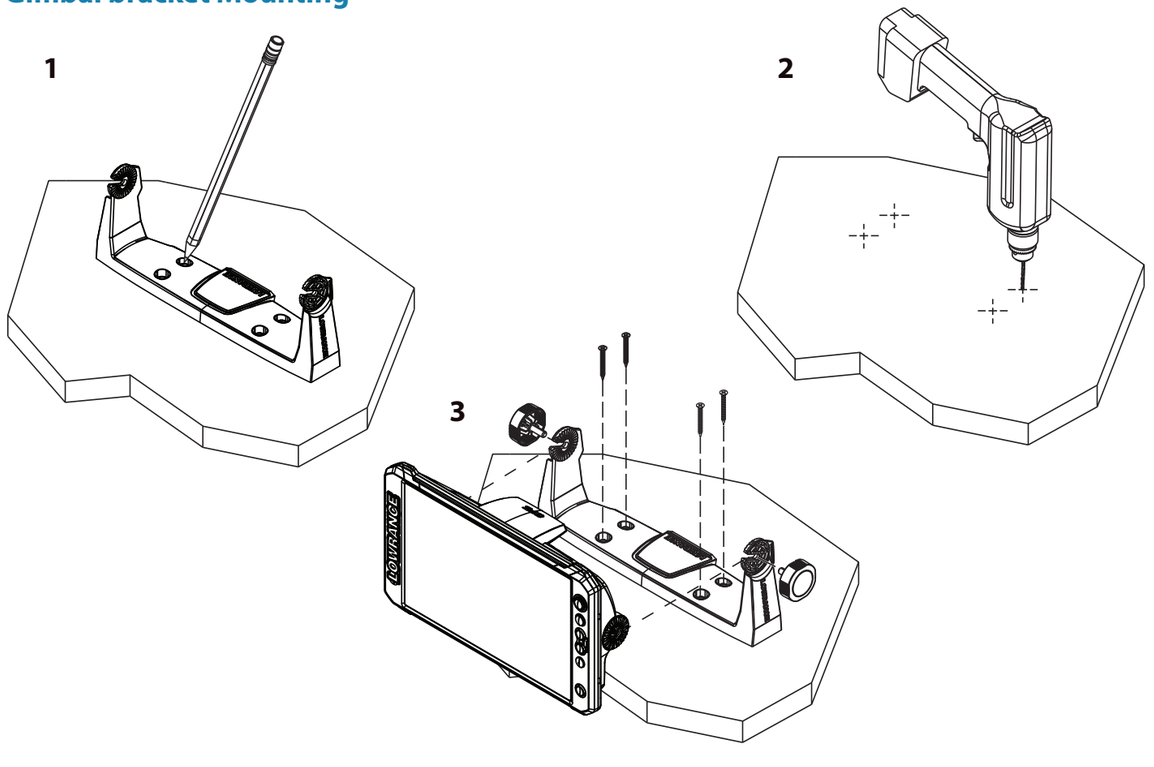
→ ***Note:*** A 7-pin transducer cable can be connected to a 9-pin port using a 7-pin to 9-pin adapter cable. However, if the transducer has a paddle wheel speed sensor, the water-speed data will not be displayed on the unit.

Supports:

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

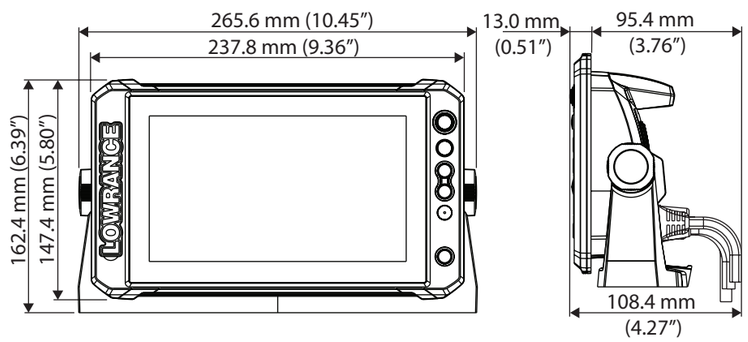
→ ***Note:*** ActiveTarget™ transducers are supported via its external module connected to the Ethernet network.

Gimbal bracket Mounting

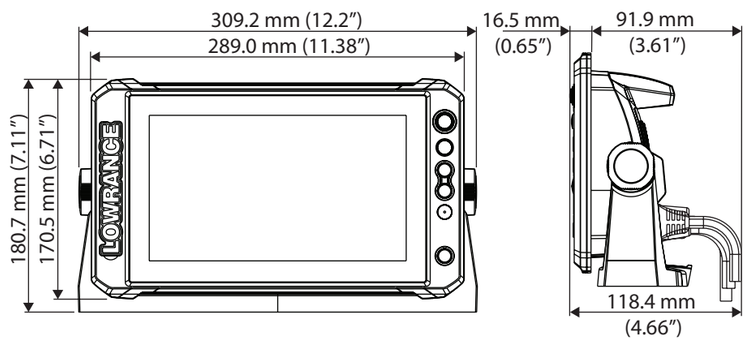


Dimensional drawings

7″ unit



9″ unit



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