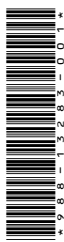




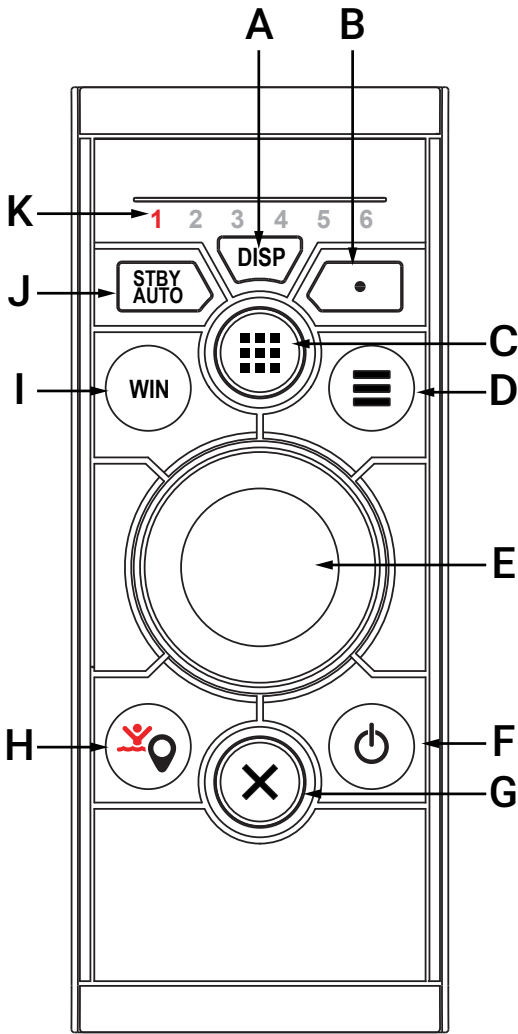
OP™ 55 Controller

Quick start guide

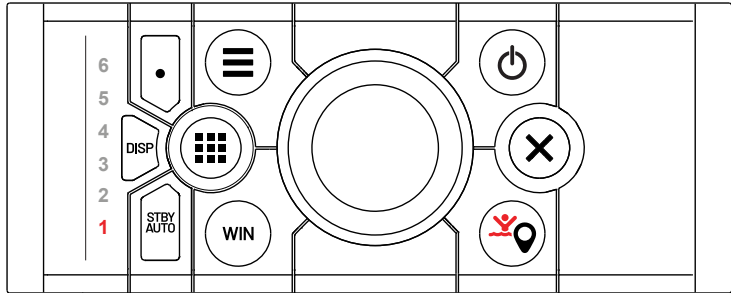
ENGLISH



FRONT PANEL AND KEYS



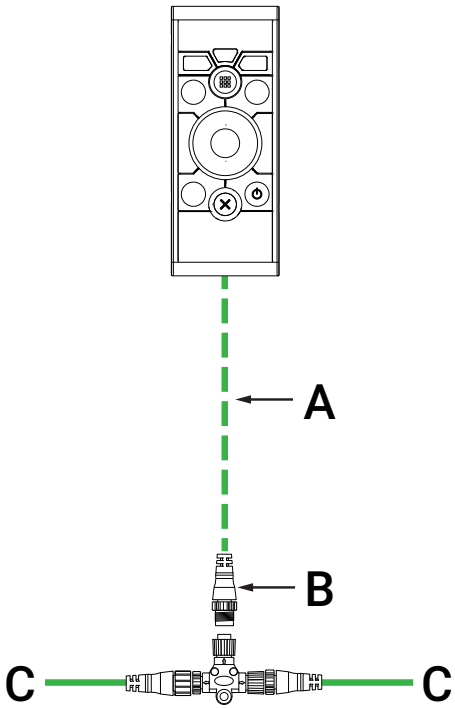
Portrait orientation



Landscape orientation

- A DISP** Press once to toggle through displays that are configured for control by the OP55. Press and hold to begin pairing.
- B** Reserved for functionality that may be enabled via a software update.
- C** Press to open/close the app drawer.
- D** Press to open/close the settings menu on the active app e.g., Chart settings menu.
- E** Rotary joystick knob — Rotate to scroll through menu items or to zoom the screen e.g., charts, sonar etc. Press to confirm a selection. Move the joystick to pan the chart or to navigate through menus.
- F**
 - Press and hold to shut down the MFD currently under OP55 control.
 - Press to open/close the quick access menu.
- G** Cancels changes and returns to previous menu level. In Chart app, centers on vessel if you have panned away.
- H**
 - Press once to mark a waypoint at the vessel's position.
 - Press and hold for 5 seconds to place a MOB (crew overboard) marker and launch the MOB app.
- I WIN** Short press to toggle between the panels. Long press to expand the app to a full screen view and back again. E.g. Chart, Echo, Tides etc.
- J STBY AUTO** Switches the system to standby mode if the autopilot is active. Displays the autopilot dialog if the autopilot is not active.
- K** Display assignment LEDs — Indicates the display currently controlled by the OP55.

WIRING



- A** Male Micro-C drop cable 1.8 m (6 ft) cable
- B** Micro-C T-connector
- C** NMEA 2000® backbone

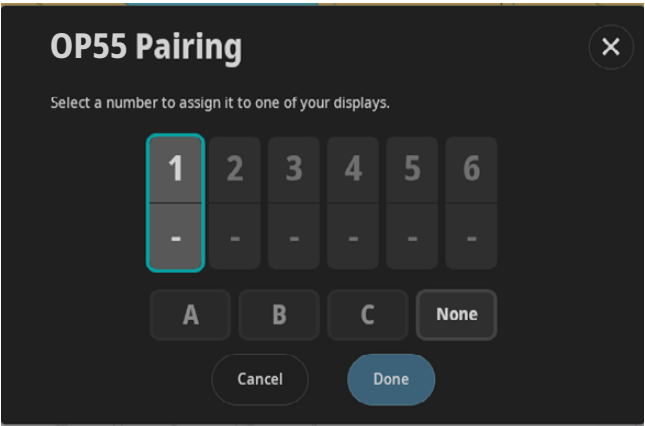
PAIRING

The OP55 can control up to 6 compatible multi-function displays (MFD). Refer to your MFD's product documentation.

→ **Note:** Your OP55 controller is optimized for use with devices running the NEON® 2.5 or later operating system.

Your OP55 will not respond until it has been paired and assigned to control an MFD on the network.

- Turn ON all MFDs that you want to pair with your OP55.
- Press and hold **DISP** on the OP55 for 5 seconds to begin pairing.
- All LEDs on the OP55 turn red to indicate that the OP55 is in pairing mode.



- Press **DISP** until the assignment dialog appears on the desired MFD.
→ **Note:** The MFDs are identified with letters for assignment purpose. These letters are random and not in any particular order.
- If required, move the joystick left/right to switch to a different LED position and assign the letter accordingly.
→ **Note:** It is logical to assign LED(s) 1 through 6 (left to right) to units moving from left to right.
- Select **Done** to assign the active MFD to a LED position on the OP55 controller.
- Press **DISP** or move the joystick up/down to select different displays for that LED position. Already assigned MFDs will now show the passive assignment dialog.
- Repeat step 4 and 5 until all MFDs are assigned to a LED.
- Press **Done** to save your settings and return to normal operation.

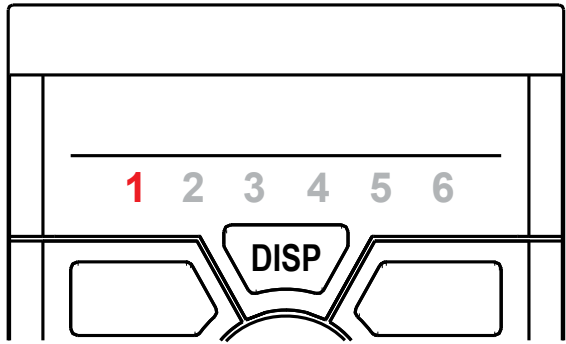
UNPAIRING AN OP55

- Press and hold **DISP** on your OP55 for 5 seconds to view the **OP55 Pairing** dialog.
 - All LEDs on the OP55 turn red to indicate that the OP55 is in pairing mode.
 - The pairing dialog is displayed on the actively controlled MFD.
- Use the rotary knob to select the MFD that you want to unpair
- Assign **None** to the desired MFD number then press **Done** to unpair, save your settings, and return to normal operation.

SELECTING AN MFD TO CONTROL

Press **DISP** to toggle through the LEDs.

Once a LED has a steady red light, the OP55 can be used to control the MFD assigned to that LED.



OP55 LED STATUS

Status	Description
Off	The OP55 is not powered, MFD is in standby mode, or no MFD is assigned to the LED position.
Flashing	The MFD paired to the LED position is not active (either Off or still powering On).
Steady	The MFD paired to the LED position is On and ready for OP55 control.
All LEDs steady	The OP55 is in pairing mode.

TECHNICAL SPECIFICATIONS

Weight and dimensions	
Weight	0.29 kg (0.64 lbs) with cable
Dimensions	150 mm x 60 mm (H x W) 5.9 in x 2.3 in (H x W)
Power	
Power supply	NMEA 2000®
Current consumption	< 90 mA : 2 LEN
Data	
Micro-C	Integrated 1.8 m (6 ft) male Micro-C cable (Male Micro-C)
Network	NMEA 2000®
Technical	
Keypad beeper	< 80 dBA at 0.5 m
Backlight	White
Environmental protection	IPX6 (dash mounted only)
Compass safe distance	10 cm (3.93 in)

For updated technical specifications, compliance and certifications, refer to our website:

www.simrad-yachting.com/downloads

www.bandg.com/downloads