SIMRAD

S3009 Echo Sounder
Quick Guide

EN

Front panel and softkeys

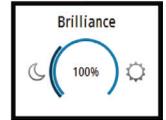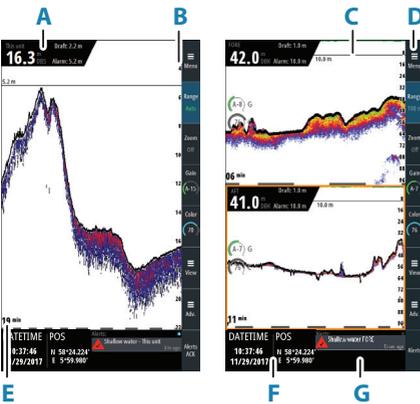| A	Softkeys
	• Press a key once to access the corresponding function shown on the display.
B	Enter key (ENT)
	• With no menu or no cursor active: no function.
	• Menu operation: press to select or deselect an option.
C	Arrow keys
	• With no menu active: press to activate the cursor and to move the cursor on the image.
	• Menu operation: press to navigate through menu items and to adjust a value.
D	Exit key (EXIT)
	• With no menu or no cursor active: no function.
	• With cursor active: press to remove cursor.
	• Menu operation: press to return to previous menu level or to exit a dialog.
E	Rotary knob
	• With no menu active: behavior depending on operational mode.
	• Menu operation: rotate to scroll through menu items and to adjust values. Press to select or to save settings.
	• On dual split panel: press to switch focus between the panels.
F	Range key (RANGE)
	• Press the + or the - indication to increase or decrease the range.
G	Power key
	• Press once to turn the system on.
	• When the system is running: press once to display the Brilliance pop-up.
	• Press and hold to display the Power off pop-up.

SD card
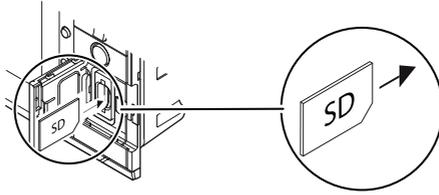
Brilliance

- Press the power key once to display the Brilliance pop-up
- Adjust the display brilliance by turning the rotary knob
- Switch between Day and Night palette by pressing the left or right arrow keys
  - The system switches to night palette when the brilliance is set to 40% or lower
- Close the pop-up by pressing EXIT key

The main panel

A. Echosounder information panel

B. Depth scale

C. Depth alarm line

D. Softkey bar

E. Data time scale

F. Instrument bar

G. Alerts panel

Set time

Set the time, date and format in the Time settings dialog. If an external time source is connected to the device, set Time setting to Auto to automatically update the current time.

Using the cursor on the image
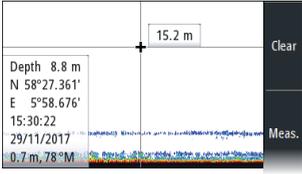
- Activate the cursor by pressing any Arrow key
- Move the cursor by using Arrow keys
- Remove the cursor by pressing the Clear softkey or the Exit key
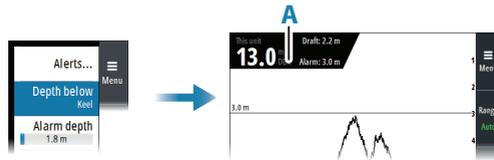
Acknowledging alerts

- Acknowledge the most recent alert by pressing the Alert softkey

Adjust depth settings

The depth reference

You can show the depth referenced to the surface, the keel or to the transducer. The depth reference is indicated in the echosounder information panel (**A**).

Alarm depth

An alarm is generated if the measured depth becomes shallower than the set alarm limit The depth alarm limit is indicated in the echosounder information panel (**A**), and a horizontal line (**B**) indicates the depth settings on the image.
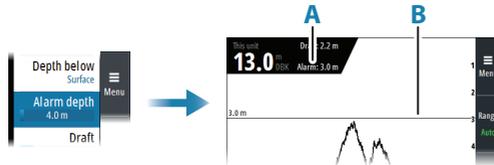
Setting the range
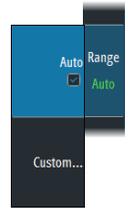
Preset range levels

Select a preset range level manually by:

- using the + and - icons on the RANGE key
- pressing the Range softkey once, and then turning the rotary knob

Auto range

Select Auto range by:

- pressing the Range softkey twice, and then selecting the Auto option
- pressing and holding the Range softkey to toggle the Auto option on/off

Custom range

Set a custom range by:

- pressing the Range softkey twice, and then selecting the Custom option

Adjusting color and gain settings

Gain

The gain controls the sensitivity. The more you increase the gain, the more details are shown on the image.

Adjust gain manually by:

- pressing the Gain softkey once, and then turning the rotary knob

Auto gain

The Auto gain option keeps the sensitivity at a level that works well under most conditions.

Select Auto gain by:

- pressing the Gain softkey twice, and then selecting the Auto option
- pressing and holding the Gain softkey to toggle the Auto gain on/off

Color

Set the color by:

- pressing the Color softkey once, and then turning the rotary knob

Display time

You can change the length of the depth history shown on the display.