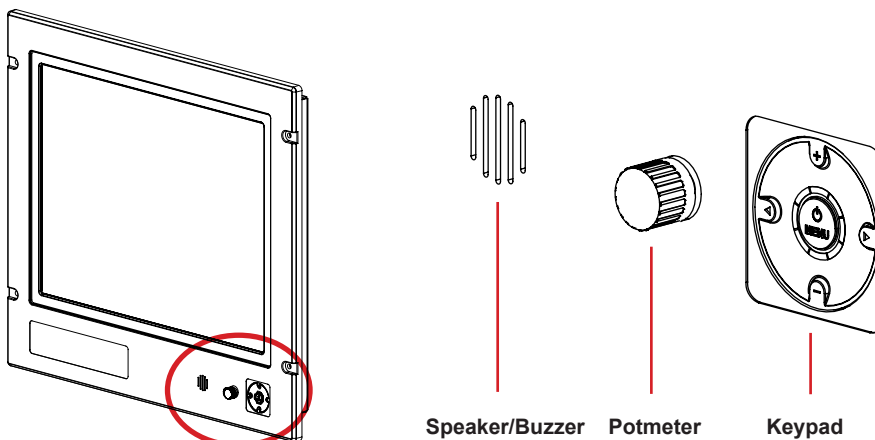


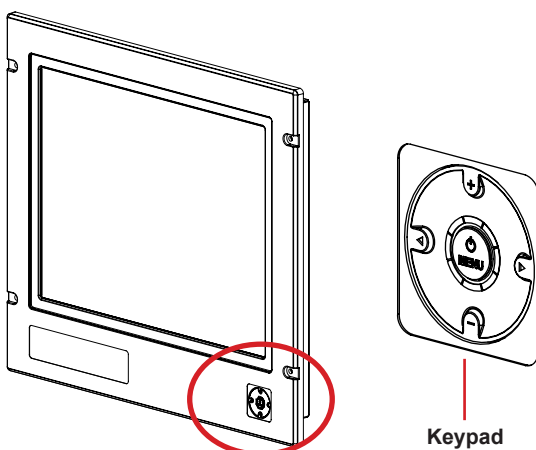
User Controls

USER CONTROLS OVERVIEW

The units are available in two different factory user control configurations as illustrated below.



#1: Potmeter & buzzer (introduced Q4 2008) including keypad controls with its Status LED Ring. Brightness for the unit is adjusted by using the potmeter. The tactile keypad control provide access to the configuration menu and Direct Access / Hotkeys functionality. The speaker/buzzer function provide audible alarm functionality routed via the Multifunction Cable.



#2: The tactile only keypad controls with 5 push buttons (introduced Q2 2007) and the Status LED Ring. The keypad provide the user to control brightness, access the configuration menu and use the Direct Access / Hotkeys functionality. The LED ring will provide feedback for various status or modes that the unit can or currently operates in.

Power ON:

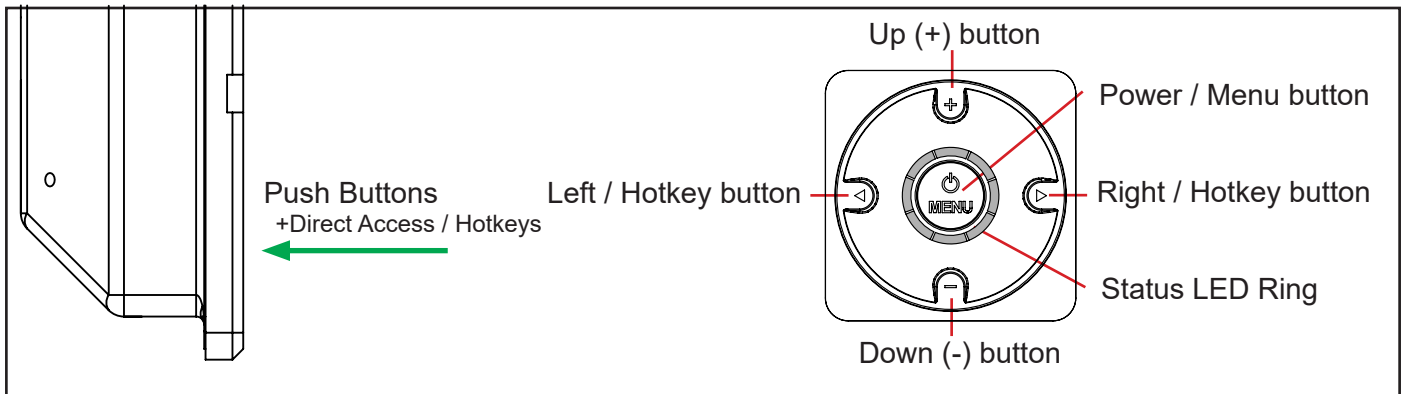
To turn the unit on, push the navigator MENU button inwards and release it instantly. The unit will start searching for signal sources. A green led will move around the led ring to indicate the search procedure. Please consult the STATUS LED overview later in this chapter for the various LED patterns that can occur.

Power OFF:

To turn the unit off, push the navigator MENU button inwards and hold it down for 6 seconds. After the first 3 seconds the menu will appear. 3 seconds later the unit is turned off and all LED indicators will turn red. You can now release the power button. Please consult the STATUS LED overview on the next page for the various LED patterns that can occur.

User Controls

KEYPAD FUNCTIONALITY



MENU function as:

Power On/Off & On Screen Display (OSD) menu access.

LEFT (◀) function as:

Direct Access / Hotkey, exit the current function and navigate to the previous OSD menu.

RIGHT (▶) function as:

Direct Access / Hotkey, enter sub-menu & execute/set selected function.

UP (+) function as:

Increase brightness, adjust positive values, visual movement, OSD menu navigating upwards & confirm.

DOWN (-) function as:

Decrease brightness, adjust negative values, visual movement, OSD menu navigating downwards & confirm.

DIRECT ACCESS / HOTKEY FUNCTION

You can access a number of functions from within the OSD Menu which is normally only accessible by browsing through the OSD Menu and locate the function manually. The Direct Access function are assigned to the Left and Right buttons to function as hotkeys. Note that some functions are dual (increase/decrease) or just single (swap/next). Those with single functionality both the left and right keypad button will perform the same action.

To configure the Direct Access / Hotkeys functionality, just press one of the buttons inwards and release it instantly, detection time is immediate.

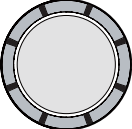
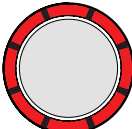
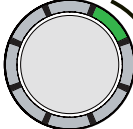
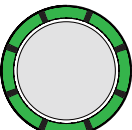
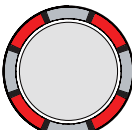
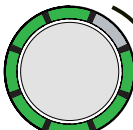
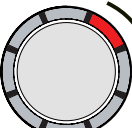
Available assigned functions for Direct Access are: **Brightness, PIP Size, Main Source, Second Source, Alpha Blend, Video Scaling, Swap Source, Test Pattern and No Function.**

Please review the "OSD Menu Function" chapter for configuring the direct access / hotkeys functionality.

Status LED Overview

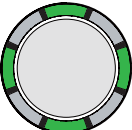
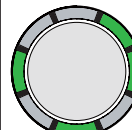
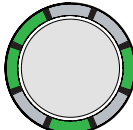
Status LED Overview

The unit features a multi purpose indicator LED status ring which through different patterns. Realtime activity gives back the status of the signal detected, power on/off, calibration, menu activity and more. The LEDs are multicolored which either illuminate green or red, based on the activity.

<p>OFF (No power connected)</p>  <p>8 LED OFF</p>	<p>OFF (Standby, power detected)</p>  <p>8 RED LED STATIC ON</p>	<p>ON (Signal Search)</p>  <p>1 GREEN LED MOVEMENT looping.</p>
<p>ON (Signal OK)</p>  <p>8 GREEN LED STATIC ON</p>	<p>ON (No Signal)</p>  <p>4 RED LED STATIC ON</p>	<p>ON (Menu Delay)</p>  <p>7 GREEN LED STATIC + 1 LED OFF MOVEMENT doing 1 loop.</p>
<p>OFF (Shutdown)</p>  <p>1 RED LED MOVES for 3 sec. After additional 3 secs, all leds turns RED.</p>		

For ECDIS Calibrated Products

For units that are ECDIS calibrated from factory, the following LED pattern (Calibrated) indicates that the backlight/brightness is at calibrated level. **(Calibrated +)** or **(Calibrated -)** means that the brightness adjustment value is above or below the calibrated brightness level. Fine adjust the brightness in terms of decreasing or increasing the value until the pattern for **(Calibrated)** is reached.

<p>ON (Calibrated)</p>  <p>4 GREEN LED STATIC ON</p>	<p>ON (Calibrated +)</p>  <p>4 GREEN LED STATIC ON + where 1 show BRIGHTNESS INDICATION POSITION</p>	<p>ON (Calibrated -)</p>  <p>4 GREEN LED STATIC ON + where 1 show BRIGHTNESS INDICATION POSITION</p>
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