Canaline Panels ~ Blue Button.

On Intermediate and Deluxe Panels for Canaline Marine Engines, a Blue Button is provided below the Tachometer / Rev Counter. This is to control the digital display in the Tachometer face.

RED Triangle

Digital Display

BLUE Button

At switch on, the Digital Display will show Total Hours Run.

Notes about Tachometer functions…

To maintain Time on the Digital Display, a live +ve feed would have to be present at all times, even when the Key is switched off and removed. This will create a drain on the Battery, and, although small, could eventually run the Battery down.

We also consider a permanent +ve feed to be a hazard, as should any short circuit occur, on an unattended installation, fire and severe damage could result. We therefore choose to isolate all services beyond the key when switched off.

A small non-serviceable Battery is fitted in the Tachometer, to maintain the display memory. When the Key is switched off, the memory will maintain the Time function for a few hours, but eventually this is lost as priority is given to maintaining the Total Hours Run.

If condensation occurs within the Tachometer, then the digital display will most likely disappear. However, the Tacho will continue to log hours and once dried out the display will re-appear.
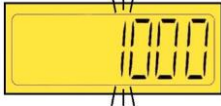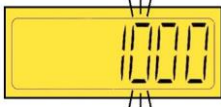
Press the BLUE Button briefly (less than 2sec.) to change the currently displayed value.
Press the BLUE Button longer (more than 2sec.) to change to the next value.
The display returns to normal operating mode if the BLUE Button is not pressed for 30 seconds, and any settings you have made are not saved.
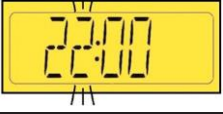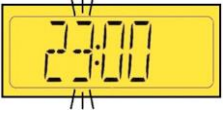
NOTE….the Tacho only logs hours where an Engine Speed in excess of 400 r/min is displayed. Below this figure no hours will be logged.

The Tacho needle will not Zero, when the Key is switched off. However, at the next switch on it will fall to Zero.

2. Setting the unit (UNIT) and alarm threshold (Warn)

	1. Ensure Battery Isolator is ON 2. Ensure Panel Keyswitch is OFF 3. Press & Hold the BLUE Button
	Turn the Keyswitch to the Run (first) position Release the BLUE Button
UNIT	
	Press and hold the BLUE Button
24h	By briefly pressing the Mode key, you can switch between 24h and 12h (AM/PM) clock format.
	Press and hold the BLUE Button
UNIT	
	Press the BLUE Button briefly
WARN	This sets a Speed Warning, which is indicated by a RED illuminated Triangle on the Tachometer face. To avoid warnings set the alarm to 0000
	Press and hold the BLUE Button
0000	Set alarm threshold is displayed; the first digit flashes.
	Press the BLUE Button briefly
1000	The flashing digit increases by 1. If the flashing digit is "9", the display returns to "0"
	Press and hold the BLUE Button
1000	The next lower digit flashes.
	Press the BLUE Button briefly
1100	The flashing digit increases by 1. If the flashing digit is "9", the display returns to "0"
	Continue until the complete alarm threshold is set.
	Press and hold the BLUE Button
WARN	Turn the Keyswitch to the OFF/STOP position. This saves the unit and the alarm threshold in the display.

In operation

1. Display indicator selection

		1. Ensure Battery Isolator is ON 2. Turn the Keyswitch to the Run (first) position or start the engine.
Total operating hours	`h 000123`	This *displays Total Running Hours. Hours are logged providing the Tachometer is reading more than 400 r/min. Should the Tachometer have condensation inside, then the LED Display may disappear. Running Hours will continue to be logged. Once dried out the Display will return.*
		Press the BLUE Button briefly
Trip hours	`h T 12.5`	This is equivalent to a Mileage Trip in a vehicle, and logs the Running Hours since the engine was last started. This will be lost when the Key is switched off.
		Press the BLUE Button briefly
Time	`12:03`	The display can be set to show Time, but once the Key is switched off will revert to zero when next switched on, if *switched* off for more than a few hours.
		Press the BLUE Button briefly
On-board voltage	`V 13.4`	This display*s Voltage at the Starter Battery*.

2. Resetting the day counter

	1. Ensure Battery Isolator is ON 2. Turn the Keyswitch to the Run (first) position
	Press the BLUE Button repeatedly until the trip hours are displayed
`h T 12.5`	
	Press and hold the BLUE Button
`h T 0.0`	
	Trip is now deleted.

3. Setting the clock	
	1. Ensure Battery Isolator is ON 2. Turn the Keyswitch to the Run (first) position or start the engine
	Press the BLUE Button repeatedly until the time is displayed
	Press and hold the BLUE Button
12:00	Set time is displayed; the first digit flashes.
	Press the BLUE Button briefly
22:00	The flashing digit increases by 1. If the flashing digit is "9", the display returns to "0"
	Press and hold the BLUE Button
22:00	The next lower digit flashes.
	Press the BLUE Button briefly
23:00	The flashing digit increases by 1. If the flashing digit is "9", the display returns to "0"
	Continue until the correct time is set
	Press and hold the BLUE Button
23:00	*Clock is set.* *Important: If the Keyswitch is turned to the OFF/STOP position for more than a few hours, the clock will evert to Zero.*

4. Setting the brightness	
	1. Ensure Battery Isolator is ON 2. Turn the Keyswitch to the Run (first) position
	Press the BLUE Button repeatedly until the on-board voltage is displayed
V 13.4	
	Press and hold the BLUE Button
ILL 5	Press the BLUE Button repeatedly until the desired brightness is reached. The brightness can be set between 0 (OFF) and 10 (max).
ILL 9	
	Press and hold the BLUE Button
V 13.4	The desired brightness is now permanently set.