

### Vegas Button Panel



### Vegas Battery and Water Level Panel



### Vegas Battery and Gas Level Panel



### Vegas Batter Level Panel (without Water or Gas indicator)



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## Overview:

The Vegas Control Panel range allows the user a central or distributed point to check:

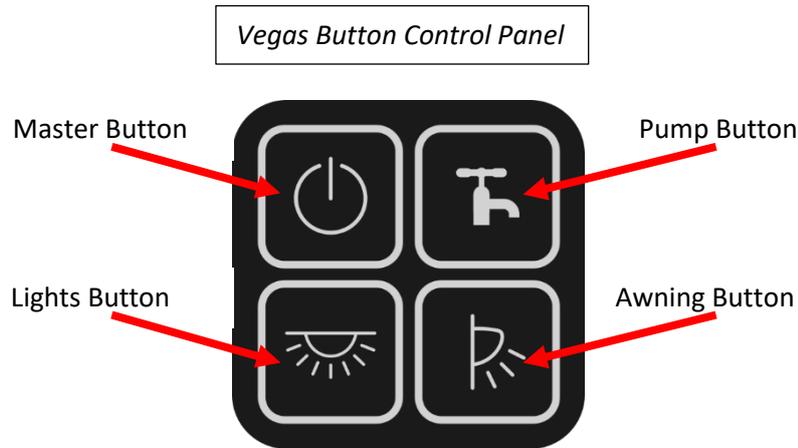
- Leisure vehicle battery voltage
- Water tank level measurement
- Waste tank full status
- LPG tank volume measurement

The Vegas Control Panel range allows the user to:

- Switch on/off all non-essential electrical appliances and accessories
- Switch on/off the light circuits
- Switch on/off the pump system
- Force the pump to run (for purging the pipes)
- Switch on/off the awning light

The Vegas Control Panel range has visual alerts for:

- Waste tank full indication
- Pump running indication



## Master Button

When the Master Button is pressed, the control panel will switch power to all non-essential accessories.

- Some features, such as lights, will need the Master Button to be switched on to work.

## Lights Button

When the Lights Button is pressed, the control panel will switch power to all the interior lights.

- The Master Button must be switched on for this button to affect the lights.

## Pump Button

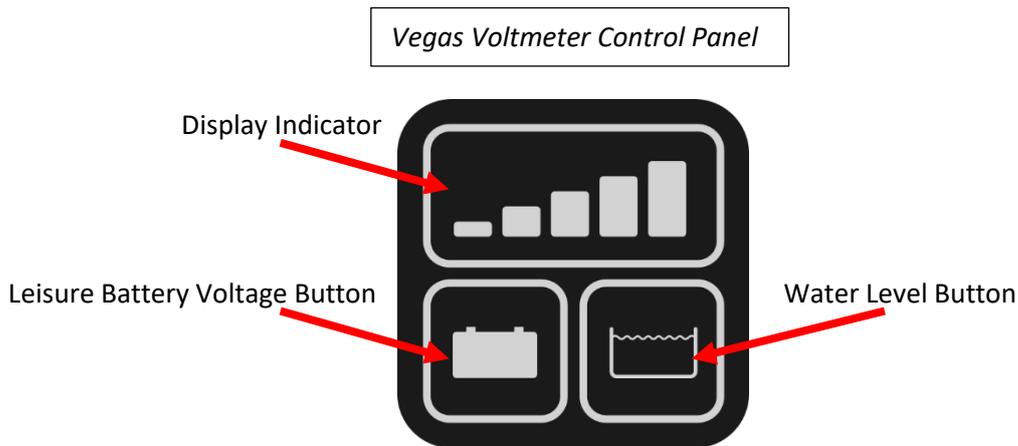
When the Pump Button is pressed, the control panel will switch power to the water pumps.

- Holding down the Pump Button forces the internal pump to run regardless of tank level. This is to purge the water system.

## Awning Button

When the Awning Button is pressed the control panel will switch power to the exterior awning light.

- The Master Button must be enabled to control the awning light.



## Display Indicator

The Display indicator on the Vegas Voltmeter Panel is used to display the Leisure Battery voltage and the Water level, depending on which button is pressed, also depending on the model it will display sensor alerts

## Display Alerts

- If a waste tank is fitted, the lowest indicator (Red) will illuminate when the waste tank is full.
- When the pump is running the 5<sup>th</sup> indicator (Green) will illuminate to indicate that the pump is currently running.

## Leisure Battery Voltage Button

When the Leisure Battery Voltage Button is pressed, the Display Indicator will illuminate and display the voltage level of the Leisure Battery.

*Note: This will override indicator alerts.*

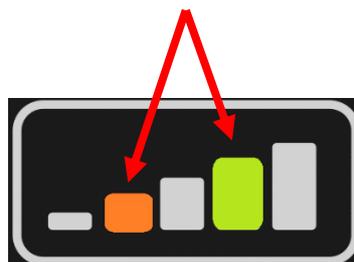
## Water Level Button

When the Water Level Button is pressed, the Display Indicator will illuminate and display the water level reading inside the water tank. The Vegas Voltmeter panel takes a measurement every 8 seconds that the button is held down with the first measurement done as soon as the button is pressed.

If the Water Level Button is released and pressed again within 8 seconds of the last measurement then there will be a delay until a new measurement can be taken. This delay is equal to the time left from the previous measurement and is a maximum of 8 seconds. If more than 8 seconds has passed since the last measurement then it will read and display immediately.

*Note: Holding the Water Level Button overrides indicator alerts.*

**Waiting for 8 second measurement timer to clear**



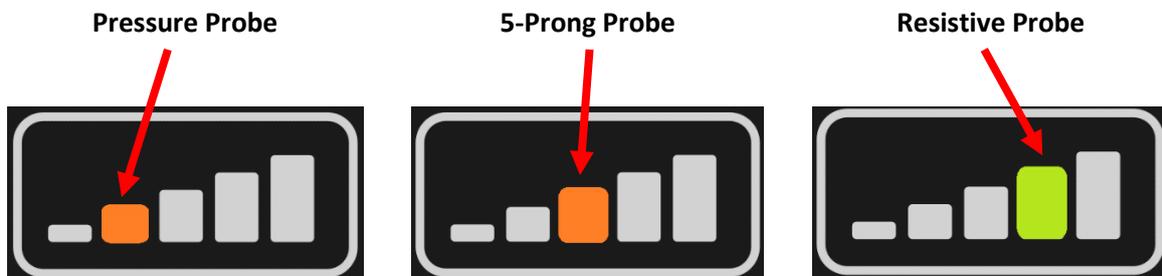
## Water Level Calibration

When the water level system is used for the first time or the water tank has been filled from a new water source it is recommended that the user calibrates the water level system, to calibrate the water level system please follow the points highlighted below:

- Make sure that the water tank has been filled to the desired maximum water level before starting the calibration process.

Use the following steps to calibrate your Control Panel.

- Hold down both the Voltage Button and Water Level Button for 6 to 8 seconds to enter calibration mode.
- When you are in calibration mode, the Display Indicator will light up depending on which water probe you have installed.
- When the panel has entered calibration mode (One of the 3 options below is being displayed) please release the Voltage Button and Water Level Button.



- If you wish to cancel the calibration process, press and hold the Leisure Battery Voltage Button for one second.
  - When the calibration process is cancelled the display will flash two times.
- To start the calibration process, press and hold the Water Level Button for half a second and then release the button.
- If the calibration process was successful, the display will flash three times.
  - If the calibration process is successful, the Control Panel will restart and be ready to use.
- If the calibration process was unsuccessful, the display will flash two times.
  - If the calibration process fails, restart the calibration process again ensuring that the water tank is full.

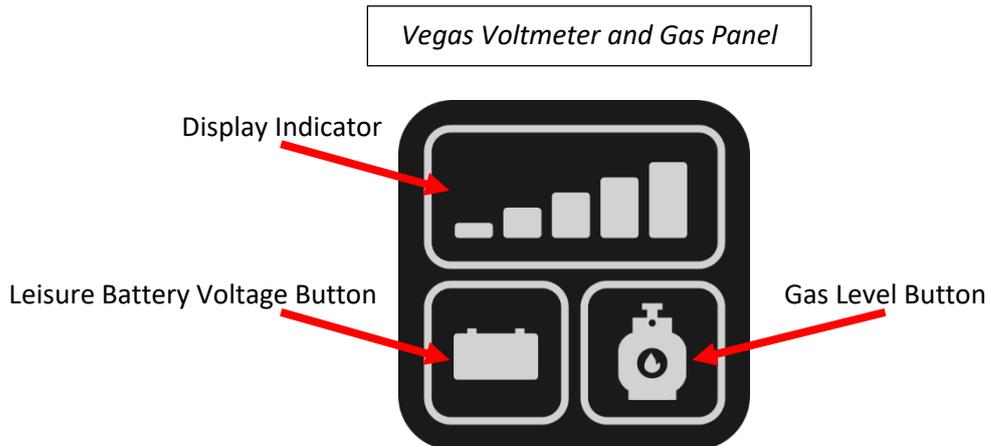
*Note: If the calibration process fails and the display flashes 2 times the value is still saved as its calibration value.*

Re-calibrating when using a new water source:

If the Vegas Control Panel is being used with the BCA Resistive Water Probe the control panel should be re-calibrated at full when the water tank is filled up with water from a new water source.

This is because different water sources have different resistivity values due to the dissolved compounds present in drinking water (Water Hardness/Softness).

If the resistance of the water currently in the tank is different from the resistance of the water the control panel was calibrated against then the control panel may display incorrectly.



## Display Indicator

The Display indicator on the Vegas Voltmeter with Gas Level Panel is used to display the Leisure Battery voltage and the LPG level, depending on which button is pressed.

## Display Alerts

- If a waste tank is fitted, the lowest indicator (Red) will illuminate when the waste tank is full.
- When the pump is running the 5<sup>th</sup> indicator (Green) will illuminate to indicate that the pump is currently running.

## Leisure Battery Voltage Button

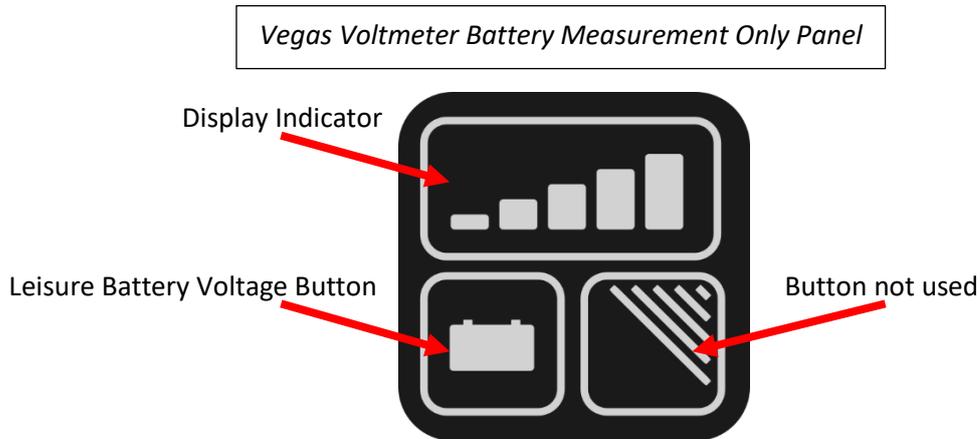
When the Leisure Battery Voltage Button is pressed, the Display Indicator will illuminate and display the voltage level of the Leisure Battery.

*Note: This will override indicator alerts.*

## Gas Level Button

When the Gas Level Button is pressed, the Display Indicator will illuminate and display the gas level reading inside the gas tank.

*Note: This will override indicator alerts.*



### Display Indicator

The Display indicator on the Vegas Voltmeter Panel is used to display the Leisure Battery voltage.

### Display Alerts

- If a waste tank is fitted, the lowest indicator (Red) will illuminate when the waste tank is full.
- When the pump is running the 5<sup>th</sup> indicator (Green) will illuminate to indicate that the pump is currently running.

### Leisure Battery Voltage Button

When the Leisure Battery Voltage Button is pressed, the Display Indicator will light up and display the voltage level of the Leisure Battery. The button on the right of the panel is not used on this panel.

*Note: This will override indicator alerts.*

### Unused Button

The right-hand button on this panel is unused, pressing this button will not cause anything to happen.