









AC50 Control Panel



AC75 Control Panel



AC50 and AC75 Operation (when fitted to SG product)

<i>Symbol</i>	<i>Function</i>	<i>Description</i>
	12v Power On / OFF	<p>This switch turns on (or off) the 12-volt power to all circuits.</p> <p>Note: as this switch works in conjunction with a relay (that uses around 40mA to operate), it should only be used for relatively short periods of time while using the caravan (i.e. when going out for the day).</p> <p>For long-term isolation of the 12 volt power, please place the Car / Van selector switch on the ESM2004 power supply unit in the centre (Off) position (i.e. during storage).</p>
	Entry light	This switch operates the internal entry light (usually the first light within the caravan).
AC50 Only 	Water Pump	<p>This switch turns on power to the water pump ready for use. It can be used to turn off the pump over night to avoid any noise from the pump (down on, up off).</p> <p>Note: A green indicator lamp will illuminate within the bottom left corner of the battery gauge when the pump motor is running.</p>
AC75 Only  	Dual Pumps	<p>In caravans with an onboard water tank, the pump switch will be a two-way switch with a centre off position. This allows the selection of either the internal pump (switch up – Tap symbol) or external pump (switch down – Water container symbol).</p> <p>Note: A green indicator lamp will illuminate within the bottom left corner of the battery gauge when the internal pump motor is running.</p>
	Battery Level test	<p>This switch is used to display the battery voltage level. Press and hold the switch to display the battery level on the gauge.</p> <p>The green region indicates a battery with a good charge, the yellow region indicates a battery with an adequate charge, and the red region indicates a battery that requires charging.</p>
	Water Level test	<p>This switch is used to display the fresh water level within the onboard water tank. Press and hold the switch to display the water level on the gauge.</p> <p>The gauge indicates the water level on an 'Empty - ¼ - ½ - ¾ - Full' scale, with empty being on the left.</p>
		<p>When using the optional remote control unit, please ensure the control panel '12v Power' switch is in the ON position and the 'Entry light' switch is in the OFF position for correct operation of the remote control (as the remote control operates in parallel with the control panel switches). The remote control button [I] controls the Entry Light and button [II] controls the 12v Power.</p> <p>If you do not wish to use the remote control, or the remote battery is flat / remote has been lost, you can of course return to manual operation by using the switches on the control panel. If the power has been turned off using the remote control and then the remote has been lost / battery become flat you will need to carry out the following to reset the caravan: Place the Car / Van selector switch on the ESM2004 power supply unit in the centre (OFF) position and turn the charger switch to the OFF position, wait 5 seconds and then turn the charger & Car / Van selector switch back on.</p> <p>The UH**** number on the back of the remote control is the remote code number. Please keep a record of this number in case you need to order a replacement or additional remote control.</p>

AC50 and AC75 Connection Data

Note: Pins 1 & 10 are not used on the AC50 panel

OUTPUT				
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

View looking at mating face of control panel connector (or rear face of harness connector).

1	External Pump	9	Water Level Signal
2	Internal Pump	10	Water Level Sensor Feed
3	Pump Switch Feed	11	Negative Supply
4	Awning / Entry Light	12	Spare
5	12v Supply	13	Spare
6	Spare	14	Spare
7	Power / EMC Relay Feed	15	Spare
8	12v Supply	--	