



RV Smart Signal Converter Owner's Manual

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RV Smart Signal Converter



The RV Electronics X duty smart adapter is designed to easily convert the RVE range of sensors to either EU 0-180 ohm or US style 240-33 ohm output for use in different systems.

The unit will automatically detect if it is connected to either standard or programmable sensors and adjust the output signal to suit.

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Installation

- The standard/ non-programmable sender harness will have 5 pin connections to suit the standard senders.
- The programmable sender harness will have 3 pin connections to suit the RVE float sender.

- Install the smart adapter box in the desired location, making sure the sender cables and output/power wires will reach the senders and display unit.

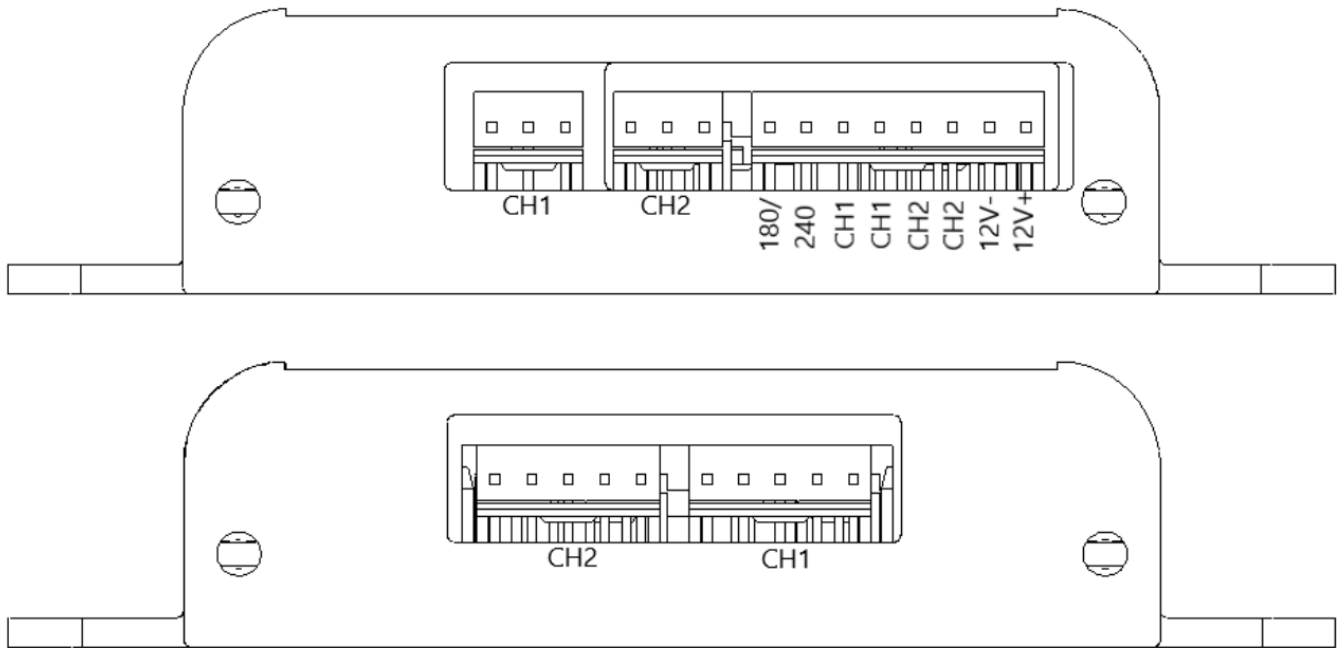
Wiring

- Ensuring the power supply has suitable protection with a fuse of 5A, connect the necessary wires to your display unit. Looking at the wire side of the harness plug, the left output is CH1 and the right is CH2.

WIRE CONNECTION	WIRE COLOUR
12V +	
12V -	
CH2	
CH2	
CH1	
CH1	
0-180 OHM/ *	
240-30 OHM *	

*For EU 0-180 output leave connected,
For US 240-33 cut and cover bare end

PINOUT DIAGRAM



Set Display Parameters

- To system is factory set to 0-180ohm EU style output but can be changed by cutting the joined purple and green. Make sure you cover the bare ends.
- Plug the senders into the signal converter before connecting power. On power up the converter will identify what senders are connected and output the correct signal.
- Configure the input parameters on your display to match the output of the signal converter This may be necessary if the sender does not make a full sweep. (eg: a shallow tank would only need 50-130 ohm)

CUSTOMERS SUPPORT




MADE IN AUSTRALIA BY
RV ELECTRONICS PTY LTD

SSC **SMART SIGNAL
CONVERTER**

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Documents / Resources

	<p>RV Smart Signal Converter [pdf] Owner's Manual X duty smart adapter, Smart Signal Converter, Signal Converter, Converter</p>
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References

- [RV Electronics – RV Electronics Pty Ltd](#)
- [User Manual](#)

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