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A/D & D/A CONVERTER

Housed in a 19° rack mounting case just 1U high, the Compulite Analogue to DMX and DMX to Analogue Converter is available in a variety of different formats to suit your requirements. All units are fitted with 25-pin D type connectors for analogue connection, 5 pin XLR for DMX input and output and a fused IEC socket for mains inlet.

Available in versions from 24 to 144 channels the Converter can be supplied as either an A/D converter, D/A converter or for combined conversion. In the latter version if a signal is present on both the analogue and DMX inputs then the output will represent a combination of the two inputs on highest takes precedence (HTP) basis.

In the event of DMX input failing on the D/A converter, the user can select either the output to fade to blackout in 4 seconds or to retain the last valid DMX state.

The Analogue inputs and outputs are switchable positive or negative 10 volts. Analogue outputs are capable of supplying 15mA at + 10 volts DC or 3mA for the 10 Volt version.

The front panel DIP switches perform the following facilities:

<i>Dip Switch Number</i>	<i>ON</i>	<i>OFF</i>
1	Fade to blackout on DMX input failure	Hold last valid state on DMX input failure.
2	18 outputs per connector	24 outputs per connector
3	Negative	Positive
4	DMX input only	Analogue & DMX input
5	Negative input	Positive IN
6,7	Curve	No Curve

Test Mode : When DMX address is set to ZERO, the D/A converter assumes TEST mode in which all channels sweep from 0% to 50%.

Analog out pin assignment : 25 pins D-Type, pins 1-24 channels 1-24; pin 25-GND.

Power input : 85-260VAC 50/60HZ , 1A.