

FEATURES

- Balanced/Unbalanced I/O options
- Configurable I/Os 2 to 4 / 1 to 8
- A/B Changeover
- Equalising & re-clocking

DISTRIBUTION OF ONE OR TWO DIGITAL AUDIO DATA STREAMS TO THE AES/EBU FORMAT



The V1630 DA module provides distribution of either one or two digital audio data streams to the AES/EBU format. The unit is configurable for use as a 2 in / 4 out or 1 in / 8 out DA by means of jumper links on the module PCB. A single rear module type accommodates both configurations. Alternative rear module types are available for balanced (110 Ohm) or unbalanced (75 Ohm BNC) interconnections. The inputs are auto-sensing with respect to the AES sample rate. The equaliser in either channel can be enabled/disabled to optimise the performance depending on input cable length.

All outputs are reclocked. Channel status and synchronisation data are transmitted unmodified. When configured for 2 inputs each channel is fully independent of the other with respect to frequency, phase and sample rate. Error LEDs on the front panel indicate loss or corruption of the AES input. Loss of an input will cause the respective outputs to blank i.e AES silence is not produced. This allows downstream equipment to detect loss of its audio input.

Technical Specification

Digital Audio Inputs (1/2)

Sampling 32, 44.1 or 48kHz (channel independent)
 Format AES-3
 Impedance Options 75 unbalanced BNC
 AES-3id (1995)
 Or 110 balanced screw-terminal
 AES-3 1992 (selected option must be same as output(s))
 Cable Source Length Up to 250m

Digital Audio Outputs (8)*

Sampling 32, 44.1 or 48kHz (channel independent)
 Format AES-3
 Impedance Options 75 unbalanced BNC
 AES-3id (1995)
 Or 110 balanced screw-terminal
 AES-3 1992 (selected option must be same as output(s))
 Cable Source Length Up to 250m

* Because of rear panel space limitations, when this unit is configured for 2 inputs and the unbalanced 75 BNC rear module is used then the second input or B channel has only 3 outputs.

Ordering Information

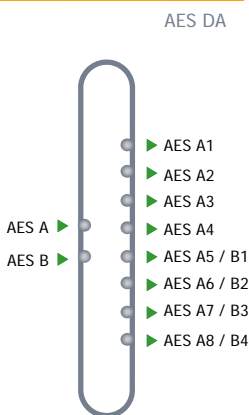
V1630	AES DA
V1628	SDI to PAL/NTSC/YPbPr/YC

All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify the type required when placing order:

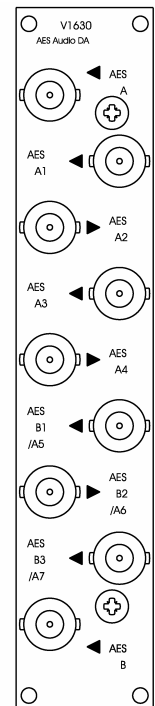
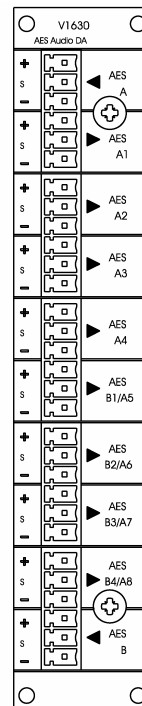
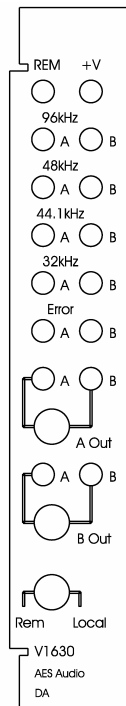
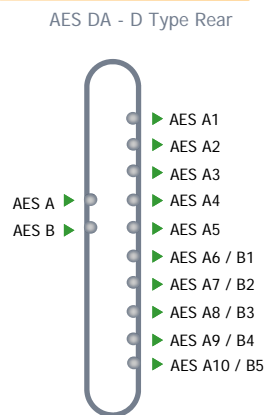
V16AR3D	3RU (balanced)
V16AR3C	3RU (unbalanced)
V16AR1D	1RU (balanced)
V16AR1C	1RU (unbalanced)

Special versions of rear module are available on request, including D Type connectors for audio signals.

V1630 AES DA



V1630 AES DA - D Type Rear



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