DTL MiniBlox™

4600B Balanced AES-EBU audio DA

Description

The 4600B Balanced AES-EBU audio DA accepts and automatically equalises one balanced input and provides four balanced outputs and one unbalanced output.

It is housed in an extremely compact and rugged aluminium case ideally suited to both studio and portable applications.

Features

- Balanced AES3 110Ω input

- Four balanced AES3 110Ω outputs

- One unbalanced AES3-id 75Ω output

- Automatically equalises over 250m of audio cable

- Supports data rates from 32 to 192kHz

- Transformer coupling on input and outputs for good common mode and isolation performance

- Compact and rugged design

- Locking connector for PSU

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Specifications

Input		Unbalanced output	
Type	Transformer coupled	Number	One
Standard	110Ω AES3-2003	Standard	75Ω AES3-id (SMPTE 276M)
Connector	9 way D type socket	Connector	BNC
Return loss	>40dB (0.1 to 6MHz)	Return loss	>32dB (0.1 to 6MHz)
Signal level	2-7V p-p	Level	1V p-p ±10%
Max cable length	>250m	**Power**	
Sample Rate	32 – 192 kHz	Voltage	6-12V DC
Balanced outputs		Current	150mA at 6V
Number	Four transformer coupled	Power Connector	Locking 2.5mm jack connector (centre +ve)
Standard	110Ω AES3-2003	**Other**	
Connector	9 way D type socket	LED	Green for AES lock, red AES out-of lock
Return loss	>32dB (0.1 to 6MHz)	Temperature range	0˚C to 40˚C
Signal level	2-7V p-p	Dimensions	63.5mm x 84mm x 30mm (excluding connectors)
		Weight	150g

Ordering information

4600B	Balanced AES-EBU audio DA	4006	Desktop power supply with IEC320 C14 inlet
4010	1U rack mounting frame for up to 5 units including PSU		

We reserve the right to change technical specifications without prior notice. E&OE.