

Specification

Input	
Standard	75Ω AES3-id (SMPTE 276M)
Connector	BNC
Return loss	>40dB (0.1 to 6MHz)
Signal level	1V p-p ±20%
Max cable length	>610m
Sample Rate	32 – 192 kHz
Outputs	
Number	Four
Standards	75Ω AES3-id (SMPTE 276M)
Connector	BNC
Return loss	>32dB (0.1 to 6MHz)
Level	1V p-p ±10%
Power	
Voltage	6-12V DC
Current	150mA at 6V
Power connector	Locking 2.5mm jack connector (centre +ve)
Other	
LED	Green for AES lock, red AES out-of lock
Temperature range	0°C to 40°C
Dimensions	63.5mm x 80mm x 30mm (excluding connectors)
Weight	250g
<i>We reserve the right to change technical specifications without prior notice. E&OE.</i>	

DTL MiniBlox™



User Guide



4600U Unbalanced AES-EBU audio DA

Provides four unbalanced outputs

www.miniblox.com

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DTL MiniBlox™ - solutions in a box

General description

The 4600U unbalanced AES-EBU audio DA accepts and automatically equalises one unbalanced input and provides four unbalanced outputs.

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

Main features

- Unbalanced AES3-id 75Ω input
- Four unbalanced AES3-id 75Ω outputs
- Automatically equalises over 610m of cable
- Supports data rates from 32 to 192kHz
- Compact and rugged design
- Locking connector for PSU

Installation and operation

The unit is simple to use and install.

- Connect the unbalanced input and output to the BNC sockets detailed on the front of the unit.
- Apply power to the unit either via the locking power connector from the external power supply or 1U rack frame, or by sliding into the 2U rack mounting frame with central power supplies.
- The LED then shows green when the AES is locked or red if out-of-lock.
- The mounting bracket supplied can be used to install the unit. The bracket should first be fixed vertically to any surface. The MiniBlox can then be lowered onto the dovetail part of the bracket with the front endplate uppermost to retain it.

EU declaration of conformity

We certify that this apparatus conforms to the requirements of the EMC and Low Voltage Directives. Emissions EN55103-1, susceptibility EN55103-2 and safety EN60950-1 2002.

15 July 2005



Warranty

DTL Broadcast Ltd warrants this unit against defects in materials and workmanship for a period of one year from the date of shipment. At its option, the company will repair or replace products that prove to be defective during the warranty period, provided they are returned to the company with advance notification and with freight prepaid. Repairs may only be conducted by an authorised representative of the company. As a result any unauthorised repair or attempted repair will automatically void the warranty.

When a distributor supplies the company's products, that distributor should be approached initially if there are any warranty problems.

The company makes no other warranties, express or implied, as to the merchantability, fitness for a particular purpose, or otherwise. The company's liability for any cause, including breach of contract, breach of warranty, or negligence, with respect to products sold by it, is limited to repair or replacement by the company, at its sole discretion. This remedy is exclusive. In no event shall the company be liable for any incidental or consequential damages, including loss of profits.