

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.

2 March 2009



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.



MiniBlox™

4020 2U rack mounting frame

2U rack mounting frame for up to 14 units with single or dual power supplies

User Manual

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Latest information available at:

www.miniblox.com

DTL MiniBlox™ - solutions in a box

General description

The 4020 2U rack mounting frame holds up to 14 MiniBlox units with single or dual power supplies.



Features

- Holds up to 14 MiniBlox units
- Central single or dual redundant power supplies
- Power supply status shown by LEDs on front panel
- Power supplies operates worldwide

Installation & operation

Installing MiniBlox units into frames

To install or remove MiniBlox modules first undo the thumbscrews on the frames front panel, remove the panel (it can be left attached by the earth strap), then loosen the identification/retention strip and slide forward.

Units can then be inserted or removed. Connect and operate MiniBlox units in accordance with the User Manual supplied for each unit.

Return the identification/retention strip to next to the modules and tighten the thumb screws.

Room is provided to loop cables from the front on the unit over the bank of modules. Holes are provided for fixings cable ties.

Installing power supplies into frames

Power supplies which are fitted at the rear of the frame are retained by metal brackets. To install (or remove) power supplies firstly remove the two fixings on the appropriate bracket then lift off. The DC connector on a flying lead should be connected (or removed) from the appropriate socket on the frame.

Installing frame into equipment rack

Frames should be offered up to an equipment bay and secured by appropriate bolts through the mounting ears.

Fixings on each side at the rear of the frame can be used to give additional support if required.

An earth stud is provided which is located centrally at the rear of the frame.

Attach a suitable mains cord (not supplied) to each internal power supply then connect to a mains supply.

Operation

When operated with a single power supply the front panel mounted LED on the appropriate side should light green. When operated with dual power supplies both LEDs should be green. If a power supply fails the appropriate LED will go out. (There is also an LED on the power supply itself which should be green when operating correctly.) With dual supplies the second one will automatically take over in the case of a failure.

Specifications

Frame	
Holds	Up to 14 MiniBlox units
Power supply	
Number	1 or 2
Input connectors	IEC320 C14
Input voltage	100-240VAC
Input frequency	47-63Hz
Input current	1.9A
Standards	All major international standards including CE and UL
Temperature range	0°C to 40°C at maximum load
Other	
Dimensions	88mm (2U) x 478mm (19") x 430mm
Weight	Frame 1Kg - power supply 750g
<i>We reserve the right to change technical specifications without prior notice. E&OE.</i>	