

# DTL MiniBlox™

## 4401 SDI re-clocking DA



### Features

- Supports all data rates up to 360Mb/s
- 4 re-clocked outputs
- SMPTE 259M compatible
- Automatic input cable equalisation over 350m at 270Mb/s
- Locking connector for PSU
- Compact and rugged design

### Description

The 4401 distribution amplifier is suitable for all SDI data rates up to 360Mb/s. It has automatic input cable equalisation and provides 4 re-clocked outputs.

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

[www.miniblox.com](http://www.miniblox.com)

### Specifications

<b>SDI input</b>		<b>Performance</b>	
Standards	SMPTE 259M - 143Mb/s NTSC, 177Mb/s PAL, 270 Mb/s 525/625 components and the 360Mb/s wide screen formats	Rise/fall time	0.75nS to 1.5nS (amplitude 20% & 80%)
Connector	75Ω BNC	Jitter	<0.15UI
Signal Level	800mV p-p ±10%	<b>Power</b>	
Return loss	>15dB to 270MHz	Voltage	6-12V DC
Cable equalisation	>350m automatic at 270Mb/s (Belden 8281)	Current	250mA at 6V
<b>SDI outputs</b>		Power connector	Locking 2.5mm jack connector (centre +ve)
Standards	As input	<b>Other</b>	
Connector	75Ω BNC	LED	Shows power & signal presence
Signal level	800mV p-p ±10%	Temperature range	0°C to 40°C
DC offset	<500mV	Dimensions	63.5mm x 84mm x 30mm (excluding connectors)
Return loss	>15dB to 270MHz	Weight	175g

### Ordering information

4401 SDI re-clocking DA

4006 Desktop power supply with IEC320 C14 inlet

4010 IU rack mounting frame for up to 5 units (includes power supply)

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

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