

DTL MiniBloxTM



4410 SDI to composite analogue DAC



Features

- SDI to composite analogue DAC
- Multi-standard output
- 270Mb/s 525/625 SDI input
- 10-bit DAC
- Built in colour bar generator
- Compact and rugged design
- Locking connector for PSU

Control switches

- PAL/NTSC output standard
- Test pattern control

Description

The 4410 is a monitoring quality 270Mb/s SDI to composite analogue converter.

The analogue output is configurable to different types of PAL and NTSC via switches on the end of the unit. These switches also control the output of a built in test pattern.

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

www.miniblox.com

Specifications

SDI input

Standards	SMPTE 259M 270Mb/s 525/625 SDI
Connector	75Ω BNC
Signal level	800mV p-p ±10%
Return loss	>18dB up to 270MHz
Cable equalisation	Automatic up to 100m (Belden 8281)

Analogue output

Standards	PAL (B,D,G,H,I,N or M), NTSC USA or Japan
Connector	75Ω BNC
Signal level	1Vp-p ±10%
DC offset	±100mV
Test pattern	75% colour bars (SDI input required)

Performance

Differential gain	<0.3%
Differential phase	<0.5°
Delay	<10nS
Input	8-bit 4:2:2
Quantization	10-bit DAC

Power

Voltage	6-12V DC
Current	350mA at 6V
Power connector	Locking 2.5mm jack connector (centre +ve)

Other

LED	Shows signal presence
Temperature range	0°C to 40°C
Dimensions	63.5mm x 84mm x 30mm (excluding connectors)
Weight	145g

Ordering information

4410 SDI to composite analogue DAC
4010 1U rack mounting frame for up to 5 units including PSU

4006 Desktop power supply with IEC320 C14 inlet

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

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