

DTL MiniBloxTM



4411 SDI to component analogue DAC



Features

- SDI to component analogue DAC
- Component YUV & RGB output
- 270Mb/s 525/625 operation
- Compact and rugged design
- 10-bit DAC
- Pedestal control
- Built in colour bar generator
- Compact and rugged design
- Locking connector for PSU

Description

The 4411 is a monitoring quality 270Mb/s SDI to component analogue converter.

Dip switches on the end of the unit select the input standard, output format and the addition of pedestal. In addition the final switch controls output of the built in colour bars test pattern.

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

Control switches

- YUV/RGB output control
- 525/625 output control

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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	525/625 component YUV and RGB
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	175g

Ordering information

4411 SDI to component 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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