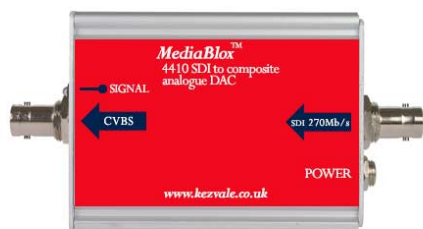


# MediaBlox™

## 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.

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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    | 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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