

BALBOX Serial Video Distribution Amplifier SDI and ASI signals



FEATURES

- 2 inputs, 4 outputs per input
- Configurable to 1 input, 8 outputs
- All outputs reclocked
- Automatic cable equalisation on input
- ASI compatible
- Integral mains supply
- Signals from 144 to 360 Mb/s

The *BALBOX* SVDA010 provides a versatile serial video distribution amplifier in a compact, rugged standalone unit.

The SVDA010 deals with both SDI and ASI signals.

All outputs are reclocked to ensure optimum signal integrity and maximum cable length capability.

It is configured as two 1x4 distribution amplifiers.

The user may change the configuration, however, to a single 1x8 distribution amplifier – simply by selection on a DIP switch.

The unit has an integral mains power supply (universal 90 to 250Vac range) with filtered IEC power connector for safe and reliable installation.

The SVDA010 will find application in temporary and small installations, but also where space is at a premium, such as in OB trucks. It is possible to combine a number of *BALBOX* units using a simple 1U tray – the *BOXRACK*.

SPECIFICATION – SVDA010

INPUTS

Input signals	SDI – 144, 177, 270, 360 Mb/s to EBU Tech 3267
Input impedance:	ASI – 270 Mb/s 75ohm terminating.
Return loss:	>15 dB, 10 MHz to 270 MHz
Line standard:	625/50 or 525/60

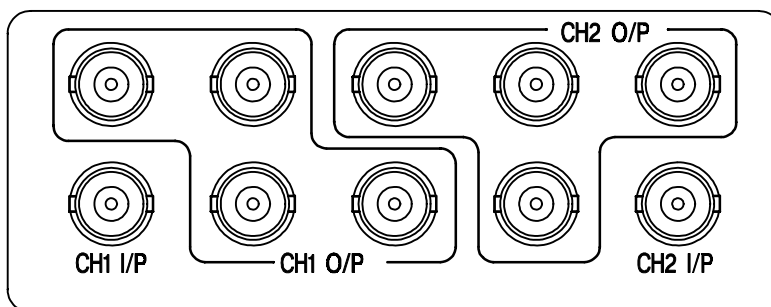
OUTPUTS

Outputs	SDI – 144, 177, 270, 360 Mb/s or ASI – 270 Mb/s (as input)
No of outputs:	8 total, configured as 4 + 4
Output impedance:	75 ohms
Output return loss:	>15 dB, 10 MHz to 270 MHz

INSTALLATION DATA

Package:	Standard <i>BALBOX</i> housing, with 75 ohm BNC signal connectors 184 x 103 x 42.4mm
Weight:	950g.
Mains supply:	90 – 250Vac
Consumption:	<10VA

Refer to *BALBOX* data sheet for information on 1U tray -**BOXRACK**



Rear Connectors

ORDER CODE

SVDA010

BOXRACK

DESCRIPTION

Standalone Serial Video Distribution Amplifier.

Tray to hold 4 **BALBOXES** in 1u 19" rack
