

BALBOX Serial Digital Video Routing Switch



FEATURES

- 8 serial digital video
- 2 re-clocked serial digital video outputs
- Local route selection
- Remote route selection through GPI
- Integral mains power supply

The *BALBOX* SVRS010 is a simple 8x1 switcher for serial digital video signals. There are two SDI outputs.

Automatic cable equalisation is provided on all inputs for up to 250m of Belden 8281 or similar quality coaxial cable.

Local control may be through a small rotary switch to route one of the eight inputs to the output, or the unit may be controlled remotely with GPI signalling.

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

The SVRS010 is housed in a robust steel case, and may be combined with other *BALBOX* units, notably the AES/EBU switchers and the RS422 data switchers in a simple 1U tray.

SPECIFICATION – SVRS010

SDI INPUTS

No. of inputs: 8
Input signal: 270Mb/s serial NRZI to SMPTE RP250M and EBU Tech 3267
Impedance: 75ohm terminating
Return loss: >15dB, 10MHz to 270MHz
Input equalization: automatic up to 250m of Belden 8281 cable or similar

SDI OUTPUTS

No of outputs: 2, identical
Output: 270 Mb/s serial NRZI to SMPTE RP259M and EBU Tech 3267
Impedance: 75ohm
Return loss: >15dB, 10MHz to 270MHz
Output level: 800mVp-p +/-20mV across 75ohm termination

CONTROLS

A six position DIP sets the operating mode:

Switch 1: Local/GPI Control
Switch 2-6: not used

Rotary switch (0-7): local route selection

GPI port: 9way sub-miniature D-type socket

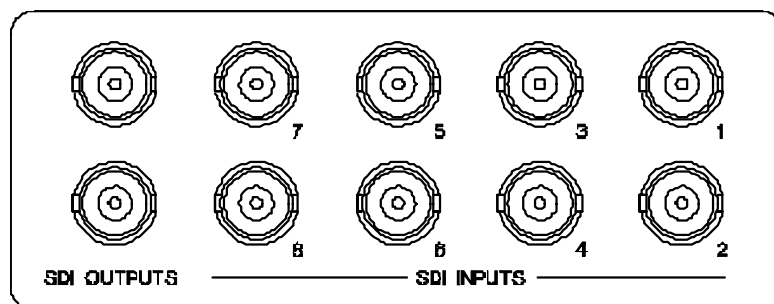
INDICATOR

A green LED illuminates to indicate power on.

INSTALLATION DATA

Package: Standard *BALBOX* housing, with ten 75ohm BNC signal connectors and one 9 way sub-miniature D-type socket for GPI control
Size: 190 x 103 x 42.4mm.
Weight: 950g.
Mains supply: 90 – 250Vac
Consumption: <15VA

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



Rear Connectors

ORDER CODE

SVRS010
BOXRACK

DESCRIPTION

BALBOX Serial Digital Video Routing Switch.
Tray to hold up to 4 *BALBOXes* in 1U 19" rack.
