



Features

- ◆ 12 x 12, two-channel, switching matrix for analog audio signals
- ◆ Transformer I/O
- ◆ Stand-alone operation, or married audio/video switching with a BVS-V1212 analog video routing switcher
- ◆ Parallel/serial control

Overview

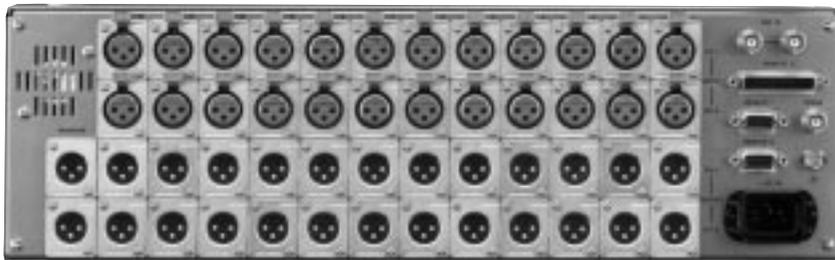
The BVS-A1212 analog audio routing switcher connects up to 12, two-channel analog audio signals to the same number of outputs. A monitoring output is provided.

Control can be from an optional BKS-R1210 remote control panel or, for example, from an LMS (Library Management System). The router can also be controlled from a BVS-V1212 analog video routing switcher for married A/V switching.

Router data is maintained in memory with a 24-hour backup.

The BVS-A1212 mounts into a standard 19-inch rack and is 3U high.

ANALOG AUDIO ROUTING SWITCHER



Rear Panel

Specifications

Inputs/outputs	
Audio signal input	XLR 3-pin, female connectors (12 for each of channels 1 and 2)
Audio signal output	XLR 3-pin, male connectors (12 for each of channels 1 and 2)
Audio signal output (for monitoring)	XLR 3-pin, male connectors (1 for each of channels 1 and 2)
Reference video signal input	REF IN connectors (BNC type) (2), one for loop-through connection 1.0 Vp-p, 75 Ω
Remote control signal input	D-sub 25-pin connector (1) D-sub 9-pin connectors (2), one for loop-through connection; conforming to RS-422A standard
AC power input	3-pin connector (1)
Performance	
Input impedance	20 kΩ/600 Ω (selectable with an internal switch), balanced
Recommended operation level	0 to +8 dBm
Gain adjustable range	-0.3 dB to +11.6 dB
Common mode rejection	More than 90 dB (at 60 Hz)
Output	Output transformers incorporated; balanced
Output impedance	600/150/37.5 Ω (selectable with an internal switch) (actual output impedance: 140/35/9 Ω)
Recommended load	600 Ω (output 600 Ω)
Maximum output level	+30 dBm (at output 600 Ω, load 600 Ω)
Total maximum output power	13 W
Frequency response	±0.2 dB (at 20 Hz to 30 kHz)
Distortion	Less than 0.01% (+30 dBm at 1 kHz) Less than 0.1% (+24 dBm at 50 Hz to 30 kHz)
Crosstalk	Less than -90 dB (+30 dBm at 20 Hz to 2 kHz, at worst) Less than -80 dB (+30 dBm at 20 Hz to 20 kHz, at worst)
Signal-to-noise ratio	More than 125 dB (+30 dBm; 30 kHz lowpass filter)
General	
Power requirements	100 to 240 V AC, 50/60 Hz
Power consumption	30 W
Current consumption	0.6 A
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)
Mass	15.6 kg (34 lb 6 oz)
Dimensions	424 x 132 x 350 mm (w/h/d) (16 3/4 x 5 1/4 x 13 7/8 inches)
Supplied accessories	
AC power cord	(1)
Plug holder	(1)
Unit harness (D-sub 25-pin)	(1)
Operation manual	(1)
Maintenance manual	(1)

Ordering Information

- * BVS-A1212 Analog Audio Routing Switcher
- * BKS-R1210 Remote Control Panel
- * BKDS-RS1690 Backup Control Board
- * BKDS-PA3291 Backup Power Supply Unit
- * RCC-5G (5 m)/10G (10 m)/30G (30 m) 9-pin Remote Control Cables
- * RMM-30 Rack Mount Rail