



## Features

- ◆ 12 x 12, dual-output switching matrix for composite digital video signals
- ◆ Stand-alone operation, or married audio/video switching with a BVS-A1212 analog audio routing switcher
- ◆ Component video switching capability
- ◆ RS-422A control

## Overview

The BVS-V1212 is 12 x 12 routing switcher for NTSC/PAL composite analog video signals. All 12 matrix outputs are duplicated and a monitoring output is also provided. Control can be from an optional BKS-R1210 remote control panel or, for example, from an LMS (Library Management System). The router can control a BVS-A1212 analog audio routing switcher for married A/V switching.

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

The BVS-V1212 mounts into a standard 19-inch rack and is 2U high

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# ANALOG VIDEO ROUTING SWITCHER



**Rear Panel**

## Specifications

### Inputs/outputs

Video signal input	VIDEO IN connectors (BNC type) (12) 1.0 Vp-p
Video signal output	VIDEO OUT connectors (BNC type) (12 pairs)
Video signal output (for monitoring)	BNC type (1 pair)
Reference video signal input	REF IN connectors (BNC type) (2), one for loop-through connection, 1.0 Vp-p
Reference video output	REF OUT connectors (BNC type) (8)
Remote control signal input	D-sub 25-pin (1) D-sub 9-pin (2), one for loop- through connection; conforming to RS-422A standard
AC power input	3-pin connector (1)

### Performance

DG (1 Vp-p, 10 to 90% APL)	Less than 0.2%
DP (1 Vp-p, 10 to 90% APL)	Less than 0.2°
Frequency response	±0.1 dB (100 kHz to 6 MHz) ±0.3 dB (6 MHz to 12 MHz)
Crosstalk	-50 dB (at 5 MHz, worst case)
Signal-to-noise ratio	More than 70 dB (5 MHz low-pass)
Input return loss	Primary input: More than 42 dB (at 5 MHz) Reference video input: More than 42 dB (at 5 MHz)

### Crosspoint delay scatter

	Between two inputs: within ±0.75° (at 4.43 MHz)
	Between two outputs: within ±1.5° (at 4.43 MHz)
Switching transient	Less than 100 mVp-p
Switching step	Within ±30 mV
K factor (2T pulse)	Less than 0.5%
Tilt (line and field)	Less than 1%
Output gain stability	±0.1 dB
Output return loss	More than 42 dB (at 5 MHz)

### General

Power requirements	100 to 240 V AC, 50/60 Hz
Power consumption	15 W
Current consumption	0.3 A
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)
Mass	7.1 kg (15 lb 10 oz)
Dimensions	424 x 88 x 350 mm (w/h/d) (16 3/4 x 3 1/2 x 13 7/8 inches)

### Supplied accessories

AC power cords (2)
AC plug adapter (1)
Plug holder (1)
Unit harness (D-sub 25-pin) (1)
Extension harness (20-pin) (1)
Extension board (1)
Operation manual (1)
Maintenance manual (1)

## Ordering Information

- \* BVS-V1212 Analog Video Routing Switcher
- \* BKS-R1210 Remote Control Panel
- \* BKS-R3280/R3281 Single Status Display Units
- \* BKDS-RS1690 Backup Control Board
- \* BKDS-PV3291 Backup Power Supply Unit
- \* RCC-5G (5 m)/10G (10 m)/30G (30 m) 9-pin Remote Control Cables
- \* RMM-30 Rack Mount Rail