



BRS-200

Small SD/HD Video Switcher

The BRS-200 switcher offers user-friendly operability and exquisite system flexibility for live productions and presentations. The BRS-200 can be used for either standard-definition (SD) or high-definition (HD) system configurations. The BRS-200 is an ideal tool for many applications, such as event and live staging, conferences, concerts, broadcast operations, and much more.

Note: Please note that users will need to select either SD-SDI or HD-SDI input.

Features

Multi viewing function

The BRS-200 comes equipped with a multi viewing function, allowing a single monitor to display all input signals, PGM and PVW via SDI and/or DV-I outputs. This feature minimizes the number of displays required, and allows users to check all pictures at the same time on the same monitor.

Users have a choice of sixteen, ten, or four split-screens depending on the type of operation and the scale of the system.

Tally indicators are available: red frame for PGM out, amber square for PVW out, and blue square for controlled camera.

Rich Selection of Inputs and Outputs

The BRS-200 system offers four SDI inputs/outputs and one DVI output as standard. When a different input configuration is required, a variety of

optional boards are available, allowing users to configure the system exactly as required.

With the addition of optional boards, the BRS-200 provides a maximum of eight SDI and one DVI-I inputs, and four SDI and two DVI-I outputs. With these multiple inputs and outputs, the BRS-200 enables image sources to be recorded on a recorder and to be played out, for example, on two monitors and one projector simultaneously.

Camera Remote Control Capability

The BRS-200 can also control the BRC Series cameras from a remote location. Pan/tilt/zoom, iris, and focus can all be controlled using its joystick and dials. This versatile functionality helps contribute to a highly efficient one-man operation.

Camera & Switcher presets.

The BRS-200 is able to store up to 99 camera presets and 99 switcher snapshots. This makes operation easy in a live environment.

Benefits

Flexible input and output configuration

Standard features for minimum configuration and optional boards for various configuration for SD & HD operation

DVI Output

The BRS-200 is capable of providing a DVI output for use with low cost monitors

Pre-programmed wipes

The BRS-200 has a selection of pre-programmed wipes that can be used to provide a professional finish to any production.

Visca Control.

The BRS-200 has Visca camera control that provides full PTZ control of any Visca enabled camera connected to the BRS-200.

Technical Specifications**--System--**

Video formats	HD (1080/59.94i, 1080/50i) SD (480/59.94i, 576/50i)
Video processing	YCbCr 4:2:2, 10 bit

--Inputs/Outputs--

Video input	HD-SDI x 4: BNC SD-SDI x 4: BNC
Video input (option)	HD-SDI x 4: BNC SD-SDI x 4: BNC DVI-I x 1 (SXGA, WXGA, XGA) DVI-I x 1 (SXGA, WXGA, XGA) Analogue composite x 1: BNC, S-video x 1: 4-pin mini DIN Analogue composite x 1: BNC, S-video x 1: 4-pin mini DIN
Reference input	Analogue black burst or Tri-level sync.: BNC, with Loophrough: BNC Analogue black burst: BNC, with Loophrough: BNC
Video output	HD-SDI (PGM x 2, AUX x 2) : BNC SD-SDI (PGM x 2, AUX x 2) : BNC DVI-I x 1 (WUXGA, HDTV, SXGA, WXGA, XGA) DVI-I x 1 (SXGA, WXGA, XGA)
Video output (option)	DVI-I x 1 (WUXGA, HDTV, SXGA, WXGA, XGA) DVI-I x 1 (SXGA, WXGA, XGA)
Reference outputs	Analogue black burst or Tri-level sync.: BNC Analogue black burst: BNC

--Image effect--

Effect	Transition: CUT, MIX, WIPE (Fader, AUTO) P in P (AUTO)
DSK	Chroma key, Luminance key, Linear Key (Split)

--Interface--

Remote	RS-422 x 1: D-sub 9-pin (for switcher control from external devices)
GPI/TALLY output	12 ports (selectable for I/Os), D-sub 15-pin x 1
VISCA camera control	VISCA RS-232C x 1: Mini DIN 8-pin VISCA RS-422 x 1: 5-pin contact connector (for BRC Series camera control)
LAN	100BASE-T: RJ-45 (for the transfer of still images, snapshot data, and camera preset positions)

--General--

Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	RP: 85 W (without optional boards), 135 W (with optional boards) CP: 15 W
Operating temperature	5 to 40°C
Dimensions	RP: 430 x 44 x 430 mm (17 x 1 3/4 x 17 inches) (without protrusions) CP: 424 x 70 x 222 mm (16 3/4 x 2 7/8 x 8 3/4 inches) (without protrusions)
Mass	RP: 7.5 kg (17 oz) (without optional boards) 8.0 kg (18 oz) (with optional boards) CP: 4.3 kg (9 oz)