

V-1HD

HD Video Switcher

Compact and portable entry model of full HD supported video switcher

1080p
 PROGRESSIVE

HDCP
AUDIO
 EMBEDDING

Rear Panel

Side Panel (Left)

Side Panel (Right)


- Four HDCP supported HDMI inputs
- Switchable output format of 1080p/1080i/720p
- Two HDMI outputs for PROGRAM and PREVIEW
- Four-way multi-viewer
- Various video effects
- RCA stereo and Mic audio input
- 12 channels digital audio mixer
- Dedicated remote control software the V-1HD RCS

Video Effects

The unit features a various of video effects.

● Transition Effects

Four types of MIX effect and 30 types of WIPE pattern are provided for professional switching.

● Filter and Compositing Effects

You can set filter effects separately for the video on bus A and on bus B to change the color tone or the appearance to the entire video. You can also composite the video on bus A and on bus B using picture-in-picture or keying.

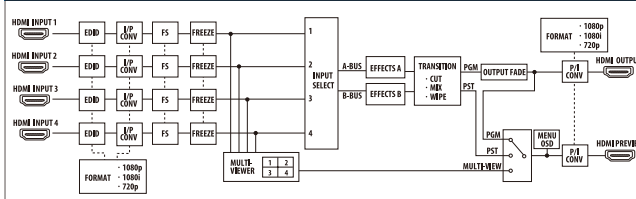
Remote Control

Remote Control is possible with the dedicated software V-1HD RCS installed on a PC or Mac, and also from the dedicated iPad application V-1HD Remote. You can make detailed settings using the application such as changing the video effects and mixing audio.

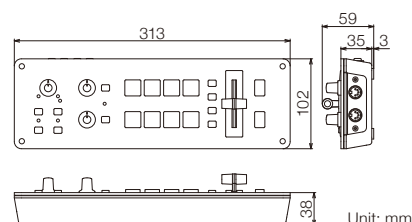
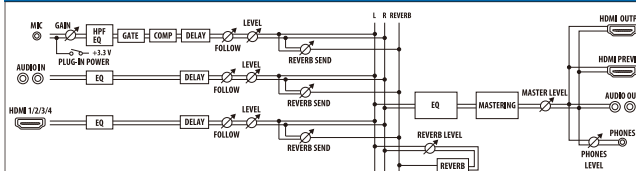
* Free download from the Roland website.



Video Block



Audio Block



SPECIFICATIONS V-1HD

Video	
Processing	4:2:2 (Y/Pb/Pr), 8-bit
Input Connectors	HDMI INPUT 1-4: Type A (19 pins) x 4 * HDCP Supported
Output Connectors	HDMI OUTPUT: Type A (19 pins) * HDCP Supported HDMI PREVIEW: Type A (19 pins) * HDCP Supported
Input Formats	HDMI: 720/59.94p, 720/50p (FORMAT switch=720p) 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p (FORMAT switch=1080i or 1080p) * The input interlaced video signal is converted to progressive video signal by internal processing. * The video signal frame rate is selected by SETUP parameters (59.94 or 50).
Output Formats	HDMI: 720/59.94p, 720/50p (FORMAT switch=720p) 1080/59.94i, 1080/50i (FORMAT switch=1080i) 1080/59.94p, 1080/50p (FORMAT switch=1080p) * The video signal frame rate is selected in SETUP parameters (59.94 or 50).
Effects	Transition: CUT, MIX (DISSOLVE/FAM/NAM/MOSAIC), WIPE (30 types), TRANSFORMER (11 types) Filter and Compositing: NEGATIVE, EMBOSS, COLORIZE, COLORPASS, POSTERIZE, SILHOUETTE, MONOCOLOR, FINDEDGE, FLIP, WH-LUMIKEY@, BK-LUMIKEY@, GR-CHROMAKEY@, BL-CHROMAKEY@, PinP (1/4)@, PinP (1/2)@, SPLIT (H-STRETCH)@, SPLIT (H-CENTER)@, SPLIT (V-STRETCH)@, SPLIT (V-CENTER)@ * @ marked Effects are effected common to A-BUS and B-BUS.
Audio	
Processing	Sampling rate: 24 bits/48 kHz
Input Connectors	Digital: HDMI INPUT 1-4 (19 pins) x 4 Analog: AUDIO IN (RCA pin type) MIC (Stereo mini type, plug-in power supported)

Output Connectors	Digital: HDMI OUTPUT (HDMI Type A 19 pins) HDMI PREVIEW (HDMI Type A 19 pins) Analog: AUDIO OUT (RCA pin type) PHONES (Stereo mini type)
Input Level	AUDIO IN: -10 dBu (Maximum: +8 dBu) MIC: -41~-13 dBu (Maximum: -1 dBu)
Input Impedance	AUDIO IN: 15 k ohms, MIC: 10 k ohms
Output Level	AUDIO OUT: -10 dBu (Maximum: +8 dBu) PHONES: 72 mW + 72 mW (32 ohms)
Output Impedance	AUDIO OUT: 1 k ohms, PHONES: 10 ohms
Effects	EQ, Delay, Compressor, HPF, Gate, Reverb, Mastering effect
Other Jacks	
USB	B Type (for remote control from PC)
MIDI	IN, OUT/THRU
Others	
Other Functions	MEMORY (8 types), FREEZE (input video captured), BPM SYNC (auto transition synchronized to tempo), OUTPUT FADE (WHITE/BLACK)
Power Supply	AC Adaptor
Current Draw	1.5 A
Power Consumption	18 W
Operation Temperature	+0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit
Dimensions	313 (W) x 102 (D) x 59 (H) mm, 12-1/3 (W) x 4 (D) x 2-1/3 (H) inches
Weight	1.2 kg (excluding AC adaptor), 2 lbs 10-2/5 oz
Accessories	Owner's Manual, AC Adaptor, Power Cord, Cord Hook

(0 dBu=0.775 Vrms)