

Main Specifications

Roland V-1HD: HD Video Switcher

■ Video		
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 (FORMAT switch = 1080i or 1080p)
		1080/59.94p, 1080/50p (FORMAT switch = 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).
Video Effects	Transition	CUT, MIX (DISSOLVE/FAM/NAM/MOSAIC), WIPE (30 types), TRANSFORMER (11 types)
	EFFECTS	NEGATIVE, EMBOSS, COLORIZE, COLORPASS, POSTERIZE, SILHOUETTE, MONOCOLOR, FINDEGE, FLIP, WH-LUMIKEY@, BK-LUMIKEY@, GR-CHROMAKEY@, BL-CHROMAKEY@, PinP (1/4)@, PinP (1/3)@, 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		
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	1k ohms
	PHONES	10 ohms
Audio Effects	EQ, Delay, Compressor, HPF, Gate, Reverb, Mastering effect	

■ Other Connectors	
USB	B Type (for remote control from PC)
MIDI	IN, OUT/THRU

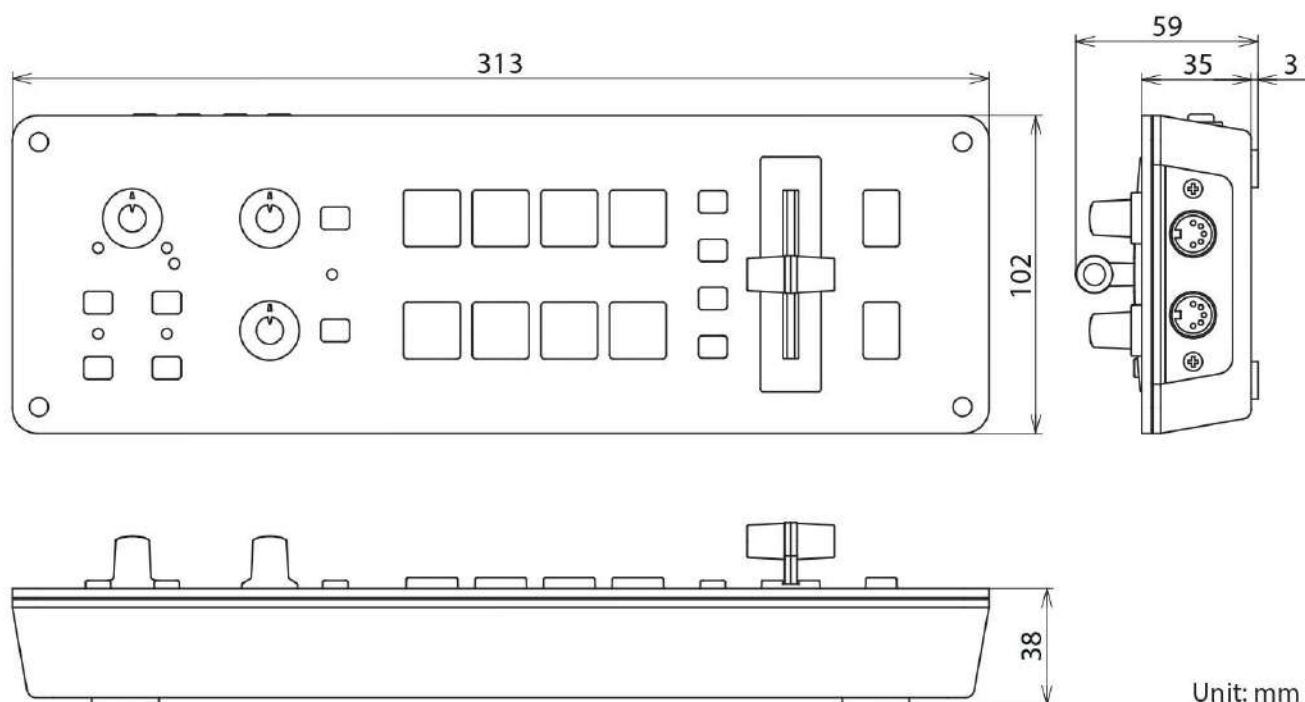
■ Other Functions	
MEMORY (8 types), FREEZE (input video captured), BPM SYNC (auto transition synchronized to tempo), OUTPUT FADE (WHITE/BLACK/AUDIO)	

■ Others	
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
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

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

Dimensions



Unit: mm