

Main Specifications

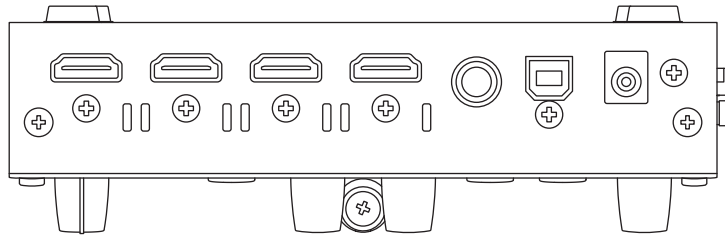
Roland V-02HD: Multi-format Video Mixer

Video		
Video Processing	4:4:4 (Y/Pb/Pr), 10-bit	
Input Connectors	INPUT 1-2	HDMI type A x 2 * HDCP Supported * Multi-format Supported
Output Connectors	PROGRAM OUT	HDMI type A * HDCP Supported
	PREVIEW OUT	* Multi-format Supported
Input Formats	480/59.94i, 480/59.94p, 720/59.94p, 1080/59.94i, 1080/59.94p, 1080/60p, 1080/29.97p, 1080/30p *1 576/50i, 576/50p, 720/50p, 1080/50i, 1080/50p, 1080/25p *2, 1080/23.98p, 1080/24p VGA (640 x 480/60Hz), SVGA (800 x 600/60Hz), XGA (1024 x 768/60Hz), WXGA (1280 x 800/60Hz), SXGA (1280 x 1024/60Hz) FWXGA (1366 x 768/60Hz), SXGA+ (1400 x 1050/60Hz), UXGA (1600 x 1200/60Hz), WUXGA (1920 x 1200/60Hz) * The refresh rate is the maximum value of each resolution. * Conforms to CEA-861-E, VESA DMT Version 1.0 Revision 11. * 1920 x 1200/60 Hz: Reduced blanking * The input interlaced video signal is converted to progressive video signal by internal processing. * 1 FRAME RATE = 59.94 Hz * 2 FRAME RATE = 50 Hz	
Output Formats	480/59.94p, 720/59.94p, 1080/59.94i, 1080/59.94p *1, 576/50p, 720/50p, 1080/50i, 1080/50p *2 SVGA (800 x 600/60 Hz), XGA (1024 x 768/60 Hz), WXGA (1280 x 800/60 Hz), FWXGA (1366 x 768/60 Hz) SXGA (1280 x 1024/60 Hz), SXGA+ (1400 x 1050/60 Hz), UXGA (1600 x 1200/60 Hz), WUXGA (1920 x 1200/60 Hz) HD (1280 x 720/60 Hz), FHD (1920 x 1080/60 Hz) * Conforms to VESA DMT Version 1.0 Revision 11. * The output refresh rates of 800 x 600-1400 x 1050 are 75 Hz when the unit's frame rate setting is 50 Hz. * 1920 x 1200/60 Hz: Reduced blanking * 1 FRAME RATE = 59.94 Hz * 2 FRAME RATE = 50 Hz	
Video Effects	Transition	CUT, MIX (DISSOLVE), WIPE (9 types)
	Composition	PinP (SQUARE, CIRCLE, DIAMOND), KEY (Luminance Key, Chroma Key)
	Visual Effects (14 types)	MOSAIC, WAVE, RGB REPLACE, COLORPASS, NEGATIVE, COLORIZE, POSTERIZE, SILHOUETTE, EMBOSS FIND EDGES, MONOCOLOR, HUE OFFSET, SATURATION OFFSET, VALUE OFFSET
	Others	Flip horizontal, Flip vertical, Still Image Capture, Still Image Playback Output fade (Audio, Video: WHITE or BLACK), Test pattern output
Audio		
Audio Processing	Sampling rate	24 bits/48 kHz
Audio Formats	Linear PCM, 24 bits/48 kHz, 2ch	
Input Connectors	INPUT 1-2	HDMI Type A x 2
	AUDIO IN	Stereo miniature type
Output Connectors	PROGRAM OUT	HDMI type A
	PREVIEW OUT	HDMI type A
	PHONES	Stereo miniature type
Input Level	AUDIO IN	-10 dBu (Maximum: +8 dBu)
Input Impedance	AUDIO IN	45 k ohms
Output Level	PHONES	92 mW + 92 mW (32 ohms)
Output Impedance	PHONES	10 ohms
Audio Effects	Delay, High pass filter, Compressor, Noise gate, Equalizer, Multi-band compressor, Limiter, Test tone output	
Others		
External Connectors	USB	USB B Type (for backup from PC, for remote control from iPad)
	CTL/EXP	1/4-inch TRS phone type
Functions	Preset Memory (8 types), Panel lock function, EDID Emulator, Auto Switching, Auto Input Detect	
Power Supply	AC Adaptor	
Current Draw	1.1 A	
Power Consumption	10.0 W	
Operation Temperature	+0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit	
Dimensions	160 (W) x 108 (D) x 51 (H) mm 6-5/16 (W) x 4-1/4 (D) x 2-1/16 (H) inches	
Weight (excluding AC adaptor)	0.6 kg 1 lbs 6 oz	
Accessories	Startup Guide, AC adaptor, Power cord, Cord hook	
Options (sold separately)	Footswitch	BOSS FS-5U, FS-6, FS-7
	Expression Pedal	EV-5, BOSS FV-500L, FV-500H

* 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

