

# Main Specifications

Video		
<b>Video Processing</b>	4:4:4 (Y/Pb/Pr), 10-bit	
<b>Input Connectors</b>	INPUT 1-2	HDMI type A x 2 * HDCP Supported * Multi-format Supported
<b>Output Connectors</b>	PROGRAM OUT	HDMI type A * HDCP Supported * Multi-format Supported
	PREVIEW OUT	
	USB STREAM	USB Type-C®
<b>Input Formats</b>	PROGRAM OUT	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 480/60 Hz), SVGA (800 x 600/60 Hz), XGA (1024 x 768/60 Hz) WXGA (1280 x 800/60 Hz), SXGA (1280 x 1024/60 Hz) FWXGA (1366 x 768/60 Hz), SXGA+ (1400 x 1050/60 Hz) UXGA (1600 x 1200/60 Hz), WUXGA (1920 x 1200/60 Hz)
	PREVIEW OUT	* 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
<b>Output Formats</b>	PROGRAM OUT	480/59.94p, 720/59.94p, 1080/59.94i, 1080/59.94p, 1080/29.97p *1 576/50p, 720/50p, 1080/50i, 1080/50p, 1080/25p *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)
	PREVIEW OUT	* 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
	USB STREAM	1080/60p, 720/60p, 640 x 480/60p *1 1080/59.94p, 720/59.94p, 640 x 480/59.94p *2 1080/29.97p, 720/29.97p, 640 x 480/29.97p *3 1080/50p, 720/50p, 640 x 480/50p *4 1080/25p, 720/25p, 640 x 480/25p *5 * Uncompressed format (YUY2) and Compressed format (Motion JPEG) supported. * 1 FRAME RATE (USB OUT) = 60 Hz * 2 FRAME RATE (USB OUT) = 59.94 Hz * 3 FRAME RATE (USB OUT) = 29.97 Hz * 4 FRAME RATE (USB OUT) = 50 Hz * 5 FRAME RATE (USB OUT) = 25 Hz
<b>Video Effects</b>	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, EMOSS 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		
<b>Audio Processing</b>	Sample rate	24 bits/48 kHz
<b>Audio Formats</b>	Linear PCM, 24 bits/48 kHz, 2 ch	
<b>Input Connectors (Analog)</b>	AUDIO IN 1–2	Stereo miniature type x 2, plug-in power supported
<b>Input Connectors (Digital)</b>	USB STREAM	USB Type-C®
	INPUT 1–2	HDMI Type A x 2
<b>Output Connectors (Analog)</b>	PHONES	Stereo miniature type
<b>Output Connectors (Digital)</b>	PROGRAM OUT	HDMI type A
	PREVIEW OUT	
<b>Input Level</b>	AUDIO IN	-15 dBu (Maximum: +3 dBu)
<b>Input Impedance</b>	AUDIO IN	45 kΩ
<b>Output Level</b>	PHONES	92 mW + 92 mW (32 Ω)
<b>Output Impedance</b>	PHONES	10 Ω
<b>Audio Effects</b>	Delay, Reverb, High pass filter, Noise gate, De-esser, Compressor, Equalizer, Voice changer, Multi-band compressor, Limiter, Test tone output	
■ Others		
<b>External Connectors</b>	USB STREAM	USB Type-C® (for backup from PC, for remote control from PC and iPad)
	CTL/EXP	1/4-inch TRS phone type
<b>Functions</b>	Preset Memory (8 types), Panel lock function, EDID Emulator, Auto Switching, Auto Input Detect	
<b>Power Supply</b>	AC Adaptor	
<b>Current Draw</b>	1.4 A	
<b>Power Consumption</b>	12.6 W	
<b>Operation Temperature</b>	+0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit	
<b>Dimensions</b>	160 (W) x 108 (D) x 51 (H) mm 6-5/16 (W) x 4-1/4 (D) x 2-1/16 (H) inches	
<b>Weight (excluding AC adaptor)</b>	0.6 kg 1 lbs 6 oz	
<b>Accessories</b>	Startup Guide, Leaflet "USING THE UNIT SAFELY", AC adaptor, Power cord, Cord hook	
<b>Options (sold separately)</b>	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.