

Appendices

Main Specifications

Video																																																											
Video Processing	4:2:2 (Y/Pb/Pr), 8-bit																																																										
Input Connectors	INPUT 1-3	HDMI type A x 3 * HDCP supported																																																									
	INPUT 4	HDMI type A * HDCP and multi-format supported																																																									
Output Connectors	OUTPUT 1, 2	HDMI type A x 2																																																									
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* 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.																																																											
	Still Image	Bitmap file (.bmp): Maximum 1920 x 1080 pixels, 24-bit color, uncompressed PNG file (.png): Maximum 1920 x 1080 pixels, 24-bit color * It can be stored up to 4 files in the internal memory. * PNG alpha channel not supported																																																									
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Video Effects	Transition	CUT, MIX (DISSOLVE/FAM/NAM), WIPE (8 types)																																																									
	Composition	PinP (SQUARE, CIRCLE, DIAMOND), SPLIT (2 types), Keyer (Luminance key, Chroma key) DSK (Luminance key, Chroma key)																																																									
	Other	Flip horizontal, Flip vertical, Still image capture, Still image playback Output fade (Audio, Video: WHITE or BLACK), Test pattern output																																																									

Appendices

■ Audio		
Sample rate	24 bits/48 kHz	
Audio formats	Linear PCM, 24 bits/48 kHz, 2 ch	
Input Connectors	INPUT 1-4	HDMI Type A x 4
	AUDIO IN 1-2	XLR-3-31 type (balanced, phantom power DC 48 V, 14 mA Max)
	LINE IN	RCA phono type
	MIC/AUX IN	Stereo miniature phone type (PLUG-IN power)
Output Connectors	OUTPUT 1-3	HDMI Type A x 2
	AUDIO OUT L, R	1/4-inch TRS phone type
	PHONES	Stereo miniature phone type
Nominal Input Level	AUDIO IN 1-2	-60 to +4 dBu (Maximum input level: +24 dBu)
	LINE IN	-10 dBu (Maximum input level: +10 dBu)
	MIC/AUX IN	-51 to -10 dBu (Maximum input level: +10 dBu)
Input Impedance	AUDIO IN 1-2	10 k Ω
	LINE IN	15 k Ω
	MIC/AUX IN	10 k Ω
Nominal Output Level	AUDIO OUT L, R	+4 dBu (Maximum output level: +24 dBu)
	PHONES	72 mW + 72 mW (32 Ω load)
Output Impedance	AUDIO OUT L, R	600 Ω
	PHONES	10 Ω
Audio Effects	Delay, High pass filter, De-esser, Compressor, Noise gate, Equalizer, Limiter, Reverb, Test tone output	
■ Others		
Other Connectors	USB MEMORY	USB A type (for USB flash drive)
	USB	USB B type (for remote control)
	RS-232	DB-9 type (male, for remote control)
	TALLY	DB-9 type (female, for TALLY output)
Other Functions	Preset memory (8 types), Panel lock function, EDID emulator, Auto switching, Auto input detect	
Power Supply	AC Adaptor	
Current Draw	2.1 A	
Power Consumption	25.2 W	
Operation Temperature	+0 to +40 degrees Celsius	
	+32 to +104 degrees Fahrenheit	
Dimensions	316 (W) x 121 (D) x 65 (H) mm	
	12-1/2 (W) x 4-13/16 (D) x 2-9/16 (H) inches	
Weight (excluding AC adaptor)	1.4 kg	
	3 lbs 2 oz	
Accessories	Startup Guide, Leaflet "USING THE UNIT SAFELY," AC adaptor, Power cord	

* 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.