

Roland V-800HDMKII 8-Channel Multi-Format Video Switcher

VIDEO PROCESSING	
Processing	4:4:4 (Y/Pb/Pr, RGB), 10-bit
SUPPORTED FORMATS	
Video	480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p * SDI and Composite input can input the same frame rate as a setup menu setting.
PC	640 x 480/60 Hz (*1), 800 x 600/60 Hz (*1) (*3), 1024 x 768/60 Hz (*1), 1280 x 768/60 Hz (*1), 1280 x 1024/60 Hz (*1), 1366 x 768/60 Hz (*1), 1400 x 1050/60 Hz (*1), 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz (*2) * Conforms to VESA DMT Version 1.0 Revision 10 *1 Output refresh rate is 75 Hz when frame rate is set to 50 Hz *2 Reduced blanking *3 When Reference is set to External, the resolution of 800 x 600 and refresh rate of 60 Hz are no longer compliant with the VESA standard. This means that display on some devices may not be possible in this situation.
Still Image	Windows Bitmap File (.bmp) * Maximum 1900 x 1200 pixels, 24-bit per pixel, uncompressed
INPUT/OUTPUT LEVEL AND IMPEDANCE	
Composite	1.0 Vp-p, 75 ohms
Analog HD/RGB	0.7 Vp-p, 75 ohms (H, V : 5 VTTL)
INPUT CONNECTORS	
3G/HD/SD-SDI	BNC type x 4 * Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C
DVI-I/HDMI	DVI-I type x 4 * Select DVI-A or DVI-D/HDMI using switch per channel
Analog Video (HD)	Component (Mini D-sub 15-pin type) x 4 * Combined use with Analog RGB
Analog Video (SD)	Composite (BNC type) x 4 * Select Composite or SDI using menu per channel
Analog RGB	Mini D-sub 15-pin type x 4 * Combined use with Analog Video (HD) * Select DVI-D/HDMI or Analog RGB using menu per channel
OUTPUT CONNECTORS	
3G/HD/SD-SDI	BNC type x 2 * Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C
DVI-D/HDMI	DVI-I type x 2, HDMI x 1 (for multi-view monitor)
Analog Video (HD)	Component (Mini D-sub 15-pin type) x 1 * Combined use with Analog RGB
Analog Video (SD)	Composite (BNC type) x 1 * Combined use with Analog Video (HD) * Does not synchronize with Reference Input.
Analog RGB	Mini d-sub 15-pin type x 1 * Combined use with Analog Video (HD)
OTHER CONNECTORS	
Tally	Mini D-sub 15-pin type x 2 * Input (max) : 12 V, 200 mA Open collector Type
Reference	BNC type (IN, THRU) * Black Burst (Sync to frames), Bi-Level, Tri-Level
MIDI	5 pin DIN type (IN, OUT/THRU)
RS-232	D-sub 9 pin type x 1
USB port (host)	A type x 1 (for USB memory)
EFFECTS	
Transition	Mix, Cut, Wipe (9 patterns)
Composition	PinP, DSK, Chrominance Key, Luminance Key, External Key

Others	Output Fade, Output Freeze
OTHERS	
Power Supply	AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)
Power Consumption	75 W/0.7 A (115 V, 117 V) 75 W/0.4 A (220 V, 230 V, 240 V)
Operation Temperature	+0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit
Accessories	Owner's Manual, Power cord, Rack-mount angle x 2
SIZE AND WEIGHT	
Dimensions	482 (W) x 275 (D) x 116 (H) mm 19 (W) x 10-7/8 (D) x 4-5/8 (H) inches * When rack mount angles are fitted.
Weight	5.5 kg 12 lbs 3 oz