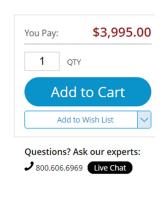
Roland V-40HD Multi-Format Video Switcher B&H # ROV40HD • MFR # V-40HD







Video: 4:4:4 Y/Pb/Pr, 10 bits (output signal processing is 4:2:2,

8 bits)

Audio: 24 bits / 48 kHz, 2 channels

Processing

HDMI 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, 640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz

The video signal frame rate must match with the unit's frame rate setting

Conforms to VESA DMT version 1.0 revision 11 1920 x 1200/60Hz: reduced blanking

Input Formats HDMI audio:

Linear PCM, 24 bits / 48 kHz, 2 channels

RGB/ Component:

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, 640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz

The video signal frame rate must match with the unit's frame rate setting

Conforms to VESA DMT version 1.0 revision 1.1

Conforms to VESA DMT version 1.0 revision 11 1920 x 1200/60Hz: reduced blanking

Composite:

NTSC, PAL

HDMI 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, 640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1200/60 Hz

The output refresh rates of $640 \times 480 - 1400 \times 1050$ are 75 Hz when the unit's frame rate setting is 50 Hz Conforms to VESA DMT version 1.0 revision 11 1920 x 1200/60Hz: reduced blanking

HDMI audio:

Linear PCM, 24 bits / 48 kHz, 2 channels

RGB/ Component:

480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94p, 1080/50p, 640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1200/60 Hz

The output refresh rates of 640 x 480 - 1400 x 1050 are 75 Hz when the unit's frame rate setting is 50 Hz Conforms to VESA DMT version 1.0 revision 11 $1920 \times 1200/60$ Hz: reduced blanking

Output Formats

	Composite: NTSC, PAL
	Preview (HDMI): Video: 1920 x 1080/60 Hz (fixed) When input is selected, the sources are displayed with a reduced frame rate Audio: linear PCM, 24 bits/48 kHz, 2ch
	4x HDMI Type A 4x RGB/Component on HD DB-15
	4x Composite on BNC 1x 1/4" TRS phone type balanced/unbalanced pair
	1x Tally on HD DB-15 (max input: 12 V/200 mA, open collector type)
	2x MIDI on 5-pin DIN (In / Out / Thru)
	1x RS-232C on 9-pin D-sub
Inputs	1x USB type A (host, for USB storage)
	2x HDMI Type A (output 1 / 2)
	2x RGB/Component on HD DB-15 (output 1 / 2)
Outputs	1x Composite on BNC 1x Preview on HDMI Type A
	Signal level: 0.7 Vp-p(H,V:5VTTL)
RGB / Component	Impedance: 75 ohms
	Signal level:
	1.0 Vp-p (luminance)
	0.286 Vp-p (chroma, NTSC)
	0.3 Vp-p (chroma, PAL)
	Impedance:
Composite	75 ohms
Audio Effects Delay	0.0 to 12.0 frames

OdBu	0.775 Vrms
Power	DC 12 V, 2.6 A
Dimensions	12.5 x 10.5 x 4.3" (31.7 x 26.7 x 11 cm)
Weight	7.5 lb (3.4 kg)