

Roland Edirol VR-50 AV Mixer



The Roland VR-50 integrates an audio mixer, video switcher, multi-viewer touch screen and USB video/audio streaming into a stand-alone device.

Physical

Size of unit	434 x 306 x 149mm
Item weight	5.3kg
Size of unit cased	530 x 560 x 240mm
Cased weight	15.5kg
Quantity in case	1



Electrical

Rated Power	600w
Input Power	24v
Power connection	External power supply

Mounting Options

Desktop only

Inputs/Outputs

Number of inputs	4 (assignable)
Input Connector	SDI(4)/HDMI(4)/Analog RGB(4)
Supported input resolutions	Up to 1080p @ 60Hz
Number of outputs	3 (assignable)
Type of Output	PGM/AUX/Multi View
Output Connector	SDI(2)/HDMI(3)
Supported output resolutions	Up to 1080p @ 60Hz

Parameters

Audio Formats	SDI-Liner pcm, 24 bit, 48khz, 2 ch
Audio Formats	HDMI-Liner pcm, 24 bit, 48khz, 2 ch
Audio Formats	USB-audio linear pcm,16bit, 48khz, 2ch
Vision Formats	Up to 1080p @ 60Hz
Number of layers/PnP	-
Preview	Yes
Still	Yes

Environmental

IP Rating	-
Cooling	Fan
Max operating temperature	0 - 40°

Accessories

None

Compatibility

- SDI**
480/59.94i, 576/50i, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p
* Conforms to SMPTE 274M, SMPTE 296M, ITU-R BT.601-5.
- HDMI:(*2)**
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 1024×768/60Hz(*1), 1280×720/60Hz(*1), 1280×800/60Hz(*1), 1280×1024/60Hz(*1), 1400×1050/60Hz, 1920x1080/60Hz
- HDMI(MULTI-VIEW Output):(*2)**
1080/59.94p
- 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
- RGB:(*2)**
1024×768/60Hz(*1), 1280×720/60Hz(*1), 1280×800/60Hz(*1), 1280×1024/60Hz(*1), 1400×1050/60Hz, 1920x1080/60Hz
- Composite**
NTSC, PAL

Information Links

Manufacturer Link	Roland
User Manual	User Manual