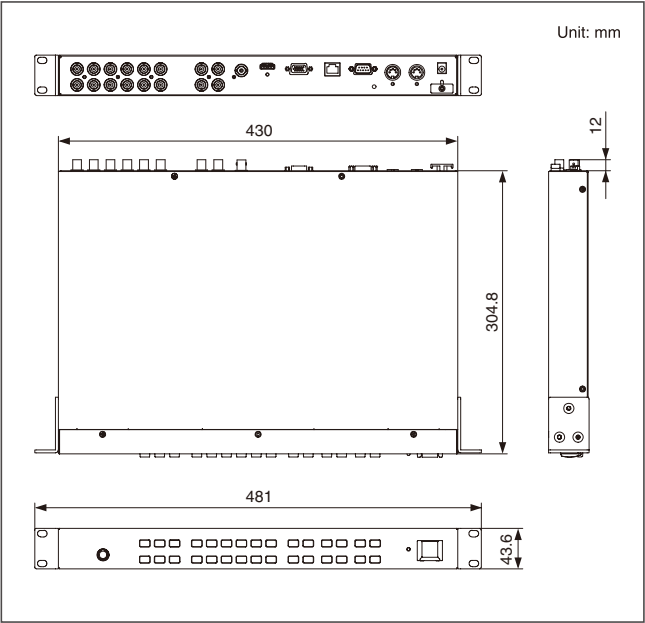


Specifications

Video Format	Composite: NTSC or PAL		Connectors	Output Connectors	HDMI (for MULTI-OUT, MENU) x 1 jack
	HDMI, PC-RGB: 1920 x 1080 (60 / 50 Hz), 1680 x 1050 (60 / 75 Hz), 1600 x 900 (60 / 75 Hz), 1440 x 900 (60 / 75 Hz), 1280 x 1024 (60 / 75 Hz), 1280 x 720 (60 / 50 Hz), 1024 x 768 (60 / 75 Hz) (Progressive Scan)			PC-RGB (for MULTI-OUT, MENU): D-Sub 15pin type x 1 jack	
			Other Connectors	Ethernet 10 / 100Base-TX RJ45 type x 1 jack	
				RS-232C DB-9 type x 1 jack	
		MIDI IN 5-pin DIN type x 1 jack			
Sampling Rate	4:2:2 (Y:B-Y:R-Y), 8-bit, 13.5 MHz (ITU-R BT.601)			MIDI OUT / THRU 5-pin DIN type x 1 jack	
				Mouse PS/2 type *Not bundled.	
Input / Output Level and Impedance	Composite: 1.0 Vp-p, 75 ohms		Power Supply	AC Adaptor (Accessory)	
	PC-RGB: 0.7 Vp-p, 75 ohms (H, V : 5V TTL)		Current Draw	2 A	
Connectors	Video Input	Composite: BNC type x 12 jacks	Dimensions	481 (430 without rack mount bracket) (W) x 320 (D) x 44 (H) mm, 19 (16-15/16 without rack mount bracket) (W) x 12-5/8 (D) x 1-3/4 (H) inches	
	Output Connectors	Composite (for MATRIX OUT): BNC type x 4 jacks			
			Composite (for MATRIX OUT Preview): BNC type x 1 jack	Weight	3.0 kg, 6 lbs 10 oz (without AC Adaptor)

[MONITOR] XGA (1024x768 pixels) or greater, HDMI or Analog RGB input is required.  
[HDMI OUTPUT Connection] Audio is not supported. HDMI version is 1.2. Supports EDID when the setup is AUTO.  
[RGB OUTPUT Connection] Manual pixel rate setup is needed.  
[Aspect Ratio] In MULTI-OUT, display aspect and each input aspects can be adjusted individually. MATRIX OUTPUT has no aspect adjustment function.

Dimensions



Video Mixers/Switchers

Innovative 8-channel Video Mixer with DSK

- 8 video inputs including 2 separate PC/RGB inputs
- Simple panel layout
- Downstream Keyer for seamless mixing under title/graphics

LVS-800

Video Mix/Live Switcher

RGB COMPOSITE S-VIDEO



Powerful Eight Input Video Mixer

- 8 video inputs including built-in scan converter for RGB input
- Various video effects and transitions
- DV quality full digital processing

V-8

8-Channel Video Mixer

RGB COMPOSITE S-VIDEO



An All-in-One Multi-Format Live Video Switcher

- Built-in monitor, scalers and Multi-format inputs and outputs
- DSK, Key Composition and PinP are controlled using simple operation.
- Various video equipments can be connected.

V-1600HD

Multi-Format Video Switcher

HD-SDI SD-SDI DVI-D HDMI RGB  
COMPONENT COMPOSITE S-VIDEO STILL IMAGE



# MVS-12

## MULTI-VIEWER/SWITCHER

## Roland Systems Group

Roland Systems Group, a member of the worldwide group of Roland companies, is dedicated to the support of audio and video professionals demanding excellence in both performance and system design. Through the development and support of video and audio products, we endeavor to improve workflow and maximize creative possibilities.

**Ensuring high quality while protecting the environment: Roland is ISO9001 and ISO14001 certified**  
At Roland, several group companies have obtained ISO9001 certification. In addition, in January 1999, Roland also received ISO14001 international environmental management system certification. We're actively seeking ways to maintain harmony with the environment. (ISO=International Standardization Organization: an organization for the promotion of standardization of international units and terms. They provide different categories of certification: ISO9001 Series certification is a product quality certification for products that undergo a certain level of quality control from the design stage to the after service stage; ISO14001 Series certification is for environment-related standards. Each member of the Roland Group is striving to obtain certification.)



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# Roland

## Multi-Viewer with Simple Matrix Switcher for Convenient Video Monitoring



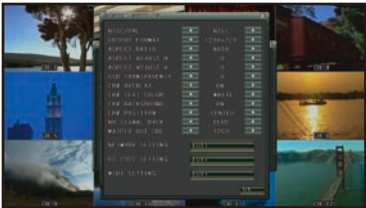
Easily monitor and distribute input sources.  
View all sources on a single HD display.

MULTI-VIEWER/SWITCHER

MVS-12

INTUITIVE OPERATION


Quick setup and operation with a mouse. Rearrange screen structure with simple drag and drop motion. Select video source with a click of the mouse.



●Setup MENU also supports mouse operation.

MATRIX SWITCHER

Using the built-in Matrix Switcher function, 12 video sources are assignable to 4 different outputs. Use as a simple switcher.



MULTI-VIEW

There are four layout patterns to choose from. Aspect ratios, background color and source names can be selected from the MENU.

■10 Screen Layout

■9 Screen Layout


■12 Screen Layout

■4 Screen Layout

MEMORY & CONTROL

Four display setups can be saved and recalled from the 4 front panel memory buttons. In addition, the MVS-12 can be controlled from a PC via LAN or RS-232C.

Multi-Viewer Display



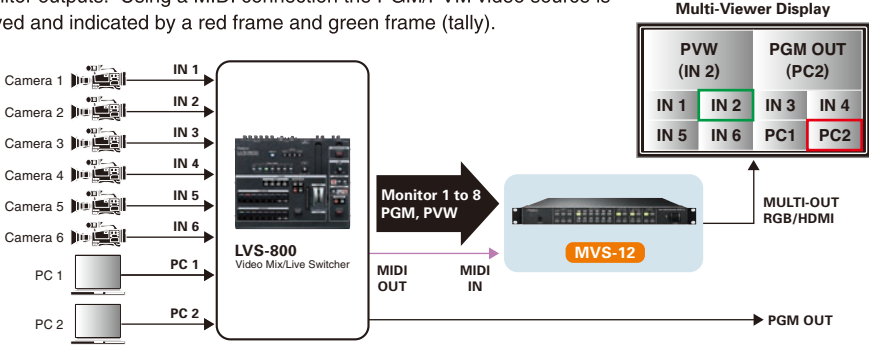


MULTI-SOLUTIONS

Multi-viewer and Matrix switcher function enables system expansion.

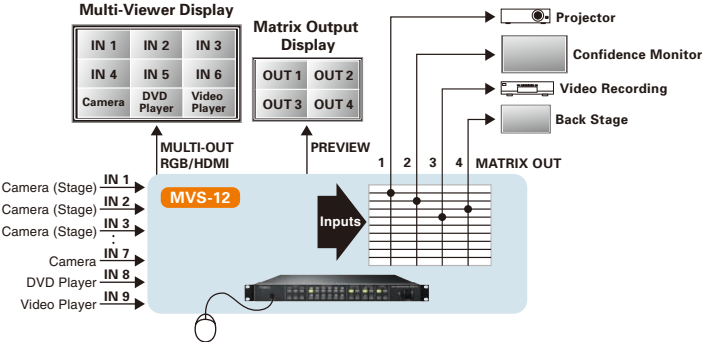
Monitoring for Switcher

The MVS-12 is a perfect companion for the LVS-800 allowing you to preview all monitor outputs. Using a MIDI connection the PGM/PVM video source is displayed and indicated by a red frame and green frame (tally).



Monitoring for Video Installation

Video sources can be distributed to up to four different locations.



Expansion of SD Inputs

The Matrix Switcher function enables the V-1600HD mixer to access additional SD inputs. By connecting a MIDI cable and using the V-LINK function, the V-1600HD can directly select any video source from the MVS-12.

