

Visual Control V-4

4-CH VIDEO MIXER/EFFECTS



V-4 4-channel Video Mixer

Real-time video mixing brings video to life. In an increasing world of video and audio convergence, the V-4 leads the way for live performance with video. Designed for installs or portable applications, the V-4 is perfect for VJ's, nightclubs, stages, theaters, worship and conferences.

Features

- 4-Channel Video Mixer With 3 Outputs For Up to Three Screens
- V-Link for Integrated MIDI Control of Video
- Built-in Digital Video Effects for Realtime Visuals Including Live Cameras
- Over 200 Transition Effects for Live Mixing
- Beat Synchronization Between Audio and Video
- Modular T-Bar Design for Side-to-Side or Up-and-Down Fades

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V-4 Rear Panel

V-4

Video Mixer / Switcher with 4ch input

V-4 is equipped with four composite (RCA Pin) inputs plus two S-video (Y/C) inputs. V-4 offers scene transition of the four video sources with Dissolve, Wipes (with a total of about 200 variations), and Switching. The V-4 outputs the same video source to all the three jacks (Composite x 2, S-video x 1), for simultaneous monitoring and displaying, without resorting to external distribution boxes.

Professional Video Quality

The input video sources are processed completely in the digital domain, and give professional video quality (13.5MHz, 8-bit, 4:2:2, DV quality). Ideal for use on large screens, and because the V-4 internal processing is digital there is no quality loss.

Independent 2-channel TBC / Frame Synchronizer

The input sources go through independent 2-channel TBC (Time Base Correction) circuits to correct the time code, independent 2-channel Frame Synchronizers are also applied to the two sources at this stage. These processes enable smooth transitions and Dissolves, and ensuring stable images all the time.

Independent 2-channel Digital Effects

V-4 features independent 2-channel Video effects that include a rich selection of digital effects (refer to spec sheet). The V-4 also features composition effects such as Picture-in-Picture, Chroma-key, and Luminance-key. The effects are recallable by a single button press.

Professional-use T-Bar Video Fader

Professional-use T-Bar cross fades for quick and intuitive operation. A V-4 innovation is that you chose to attach the fade however you like, either, vertically as standard for video mixer, or horizontally as a DJ mixer fader. The fader resolution has over 100 steps and offers extremely smooth transitions. Its metal body as well as its fader is strong and durable to be used in your active performance.

Easy Operation

V-4 is designed for its functions and operations to be clear from the front panel. Because it is simple to use its easy-to-use operation will enhance your realtime performance. Most of the V-4 functions can be selected and controlled without resorting to the manual.

Preview Function and On-Screen Menu

The preview function is controlled by the source selection button, and enables the user to monitor each of the input sources 1-4 or the output source before transition, to a single preview monitor, no more multiple preview monitors! You can control V-4's major functions (Ex. Effect selection, MIDI input setting, etc.) from the dedicated preview screen using the convenient On-Screen Menu. This is separate from the output to the main outs, so you can view it anytime you want.

Convenient User Memory Function

V-4's User memory function allows you to memorize and conveniently recall the panel settings, such as effect assignment to each button. The memory is saved even while the power is off, so you can store the frequently-used setting. Maximum eight configurations.

Synchronization between Audio and Video / Connection with MIDI Equipment

The V-4 features video transition/effects that can be synchronized with MIDI. The BPM (beat per minute) of transition/effects can be made to follow the beat of a music track by hitting the tap button (TAP function). The functions of V-4 can also be controlled via MIDI equipment such as a MIDI keyboard controller. If you have the optional DV-7PR, various visual performances become even more creative by mixing the DV-7PR's numerous video clips with the V-4's visual effects, all with realtime transitions and composition.



On Screen Menu

Specifications	
Internal processing	
Format:	ITU601, NTSC or PAL format
Sampling:	13.5MHz, 4:2:2 (Y:B-Y:R-Y) / 8-bit
Frame Synchronizer:	Individual 2-channel (Individual 2-channel TBC : Time Base Correction)
Transition	
	Dissolve, White fade, Black fade Wipe (about 200 patterns)
Effects	
Composite effects:	Chroma-key, Luminance-key
Individual 2-channel effects:	Colorize, Strobe, Picture-in-Picture, Mirror, Multi-screen, Negative, Still (Field freeze or Frame freeze), Solarise, Color filter
Video input	
S-Video (Y/C):	2 channels (Mini DIN 4-pin type)
Composite:	4 channels (RCA pin type)
Video output	
S-Video out (Y/C):	1 channels (Mini DIN 4-pin type)
Composite out:	Output : 2 channels (RCA pin type) Preview out : 1 channel (RCA pin type)
Control	
MIDI:	MIDI IN x 1, MIDI OUT x 1 (Remote control through MIDI equipment)
TAP:	BPM setting
Power supply	
AC Adaptor:	DC 9V (Model : PSB-1U, 117V/230V/240V)
Dimensions:	
	290(D) x 225(W) x 75(H) mm, 3(D) x 8-7/8(W) x 11-7/16 (H) inches
Weights:	
	2.2 kg/4 lbs 14 oz
Accessories	
	AC Adaptor, Owner's manual

* All specifications and appearances are subject to change.

