

Pioneer *sound.vision.soul*

4-Channel Audio Visual Mixer

96 kHz/24-bit Sound

11" LCD Touch Panel Screen

Innovative Audio Visual Effects

Full Video Adjustment Control

MIDI Assignable

Illuminated Rear Display

19" Rack Mountable



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SVM-1000

See the Sound - Hear the Vision - Affect the Soul

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Pioneer
PRO DJ

SVM-1000

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Powered by Pioneer's unique Multiple Video Blending Technology, the SVM-1000 is a revolutionary solution for synchronised audio/video mixing.



Imagine a world-class, installation-grade mixer like the DJM-800 but with four channels for audio and/or visuals and you are partway there... In fact, the SVM-1000 can replace at least two video mixers, an audio mixer, a visualiser and monitor screens – and control the whole show smoothly and synchronously. Boasting studio-quality sound and the highest performance video circuitry, the SVM-1000 is the missing link for all professional DJs, VJs and DVJs, and even allows audio-only DJs to add visuals synchronised to their sets via the built-in visualiser.

Developed with input from leading DJ and VJ artists, the SVM-1000 works perfectly in both audio and audiovisual set-ups. Central among the mixer's controls is the 11-inch touch screen, which offers instant access to a massive range of effects, monitoring and control parameters.

The beat-synced and touch-sensitive effects can be applied to the audio, the visuals or to both synchronously, while use of the Fader AV Sync, Video Solo Mode and Video EQ buttons in conjunction with the touch screen opens up yet another world of mixing possibilities. The SVM-1000 is fully MIDI assignable via USB and sports video inputs for live cameras or any video source. You can even create a visual show from text messages and JPEG images.

As the perfect partner for Pioneer's DVJ-1000 (DVD/CD) decks, the SVM-1000 ensures that compelling AV sets can be mixed, manipulated and enjoyed live every time.



Typical Configuration

SVM-1000 + 2 x DVJ-1000 + HDJ-1000

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Pioneer's multiple video blending technology gives the SVM-1000 power to simultaneously mix up to four channels of sound and video in full brightness. Synchronised control of sound and video using fader and equalisers on each channel opens up vast possibilities for DJs and VJs. Wipe and Luminance effect options available for use with the Cross Fader, for example, can establish a new paradigm of performance.



A Feast of Effects

A comprehensive AV Effects section is accessible through the touch screen. This is capable of 30 effects and so myriad combinations are always to hand. Each effect is selected via an animated icon, allowing DJs to instantly touch and affect the best effect for their sets.

AV Beat Effects detect the tempo/BPM (beats per minute) of the music and affect both audio and video in time with the beat. There is a choice of 12 Beat Effects: Delay, Echo, Pan, Trans, Filter, Flanger, Phaser, Reverb, Robot, Chorus, Roll and Rev Roll – and then a submenu of additional effects, including Inverse, Edge and Hue.

AV Touch Effects allow users to touch/affect the visuals directly as they appear on the panel. Touch and affect from a selection of 12: Ripple, Lens, Spot, Radiation, Cube, Block, Kaleido, Twist, Zoom, Drop, Blur and Distortion.

Text Effects automatically detect the tempo of the track and display text messages in sync with the beat. Messages can be inputted via the built-in keyboard or an external USB keyboard, and there are six different Text Effects: Random, Zoom, Block, Rotation, Crush and Slide.

		Audio Effects	Video Effects
AV Beat Effects	Filter	A filter effect is applied to audio in sync with the beat. 	
	Phaser	A phase effect is applied to audio in sync with the beat. 	
AV Touch Effects	Ripple	A phase effect is applied according to volume when touched.	 original image (effect appears at the location touched)
	Lens	Sound pitch is lowered when touched.	 original image (effect appears at the location touched)
AV Text Effects	Zoom	Sound pitch returns from high to original pitch in sync with the beat. 	
	Crush	Effect is applied as if the input sound is crushed in sync with the beat. 	

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Visualise it!

Built into the body of the SVM-1000 is an easy-to-use visualiser. This allows video to be created internally – with no external video source required. Touch Effects or Beat Effects can then be applied through the touch screen.

JPEG Viewer

There is also a JPEG Viewer function available, which lets users call upon up to eight JPEG images from SD cards or USB memory sources for use in the mixer's Still Image Sampler. By applying effects to still images, or by mixing these with video or other stills, this function further expands the creative range of an AV performance. It also allows looped JPEGs, such as logos of the event/venue/sponsors and DJ branding, to play out automatically.



Advanced digital audio & video systems

The SVM-1000 achieves supreme quality sound through its digital sampling system. Digitised by a 96 kHz/24-bit sound A/D converter, the analogue signal input passes through the shortest signal route to reach the digital mixing stage. The mixing is then carried out by 32-bit DSP (digital signal processing) – without any deterioration of the sound quality – and this produces the finest possible sound. The mixer also has a rigid chassis for minimising vibration and maximising sound quality, while a dual-shield structure eliminates digital noise and a high performance power section boosts bass for a clear and powerful club sound.

For maximum impact video-wise, the SVM-1000 incorporates a high performance integrated video circuit. The video signal's input through the ADC is processed with 600 MHz/32-bit/4800 MIPS (million instructions per second = 1 million command executions per minute) to ensure full dynamic range and minimise unnecessary noise. This results in accurate, high-quality images – even when visual effects, which are known to cause image deterioration, are employed.

Commanding attention with an illuminated, club conscious design and intuitive Channel Symmetric Layout, the SVM-1000 is the ultimate, state-of-the-art solution for synchronised AV mixing.

Inputs		
Audio		
PHONO	RCA pin jack	2
DVD/LINE	RCA pin jack	4
MIC 1 (on front panel)	XLR/ Phone jack combination socket	1
MIC 2 (Rear)	Phone jack (6.3mm)	1
Digital Coaxial	Digital RCA pin jack	2
Video		
DVD In	Composite	4
Video In	Composite	4
S-Video	S-Video Inputs	4
Front Panel Connectors	Composite	2
Sync Signal	BNC	4
Data		
USB (front panel) (Keyboard/Images)	USB-A	1
SD Card (on front panel) (Images/text)	SD Card Reader	1
Outputs		
Audio		
Master	XLR (Balanced)	1
Booth	RCA	1
Record	RCA	1
Digital (SP/DIF) Digital (SP/DIF)	Digital RCA pin jack	1
Booth Monitor	Phone jack (6.3mm)	1
MIDI		
USB	USB-B	1
MIDI*	SP DIN	1
Video		
Master	Component	1
	RCA Composite	1
	BNC Composite	1
	S-Video	1
Monitor	Composite	1
	S-Video	1

*Allows connection and control of external MIDI equipment, such as DJ/VJ application software.



Specifications

Power Consumption	58W
Dimensions (W x D x H)	500 mm x 412 mm x 202mm
Weight	12.8 kg
Sampling Rate	96 kHz
A/D, D/A Converter	24-bit
Frequency Response	20 Hz - 20 kHz
Total Harmonic Distortion	0.005% or less
Signal-to-Noise Ratio	105 dB (LINE)
Head Room	19 dB



Online brochures also available for:



DVJ-1000



CDJ-1000MK3



CDJ-800MK2



CDJ-400



CDJ-200



DJM-1000



DJM-800



DJM-700



DJM-400



EFX-1000



HDJ-1000



Range Brochure



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