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Press Contact:

Robert Clyne
President
Clyne Media, Inc.
(615) 662-1616
Robert@clynemedia.com

Company Contact:

Christian Delfino
VP Professional A/V
Roland Corporation U.S.
(323) 215-2111
Christian.Delfino@roland.com

Roland Announces V-1SDI Video Switcher

Los Angeles, CA, September 9, 2016 — Roland today announces the introduction of its V-1SDI Video Switcher, an easy-to-use, compact and portable switcher that can accommodate 3G-SDI and HDMI audio/video sources with resolutions up to 1080p and features a host of professional compositing effects and DSK (down-stream key) capabilities. The V-1SDI is also playing a key role in “The Future. Redefined.,” Roland’s first-of-its-kind 24-hour streaming online musical instruments festival taking place on September 9, 2016 (#909day) in eight major cities around the world. The V-1SDI is being implemented to switch video at the DJ Stage at the Los Angeles event.

“The new V-1SDI is ideal for both portable and fixed installation applications supporting live events and presentations, as well as small broadcast setups for enterprise video users, K-12 schools and house-of-worship environments. With support for 3G-SDI, the V-1SDI can operate at full 1080p resolution and can take advantage of the longer cable distance of SDI, making this a practical solution in even large spaces,” said Christian Delfino, Vice President of Product Marketing for the Roland Professional A/V Division. “It’s a very flexible four-channel HD video switcher supporting both SDI and HDMI inputs, video FX and audio mixing/FX, making it a complete and versatile portable video switching and mixing solution.”

The Roland V-1SDI provides switching for professional 3G-SDI cameras and playback sources, along with HDMI sources including cameras, smart phones, computers, tablets and Blu-ray players. It has two dedicated 3G-SDI inputs, a third channel input that supports 3G-SDI or HDMI and a fourth channel HDMI input that also includes scaling. Inputs 1 to 3 of the V-1SDI support 1080p/1080i/720p video resolutions with Input 4’s scaler supporting a wider range of video and VESA resolutions. This makes the V-1SDI ideal in a variety of configurations for both all-camera applications and applications that mix cameras, video sources and computer data sources. In addition, it has a 14-channel audio mixer for mixing stereo audio from SDI, HDMI and external stereo audio sources and its dedicated microphone input. The V-1SDI includes two SDI program and preview outputs, an HDMI output and a stereo audio output.

The V-1SDI gives users picture-in-picture and split compositing effects for graphic insets, plus a DSK allowing for switching of input sources underneath overlaid titles and graphics and green screen

capabilities. The V-1SDI also has output fade including audio fade-out and Auto-Scan functions. The 14-channel audio mixer offers three-band parametric EQ, reverb, up to 500ms delay for accurate lip-sync, a compressor/gate on the mic input and level/multiband EQ on the master mix. A headphone output facilitates audio monitoring, and the V-1SDI supports mono or stereo plug-in-powered microphones.

The V-1SDI includes two SDI program and preview outputs, an HDMI output and a stereo audio output. Both the SDI and HDMI preview outputs can be set to a multiview mode, where all inputs are displayed with colored borders indicating the program and preview selections, or in a full-screen mode. The HDMI multiview output also includes audio metering for the audio sources. In addition, the preview output can be used for additional, menu-driven setup control, or as a second output for applications such as a simultaneous webcast or recording output.

The V-1SDI can also be controlled by the companion PC/Mac application when connected by USB and also has RS-232 for integration in third-party control systems.

The V-1SDI features a clean, intuitive control layout with multi-function buttons and knobs and a large T-Fader for key and transition operations. Its rugged construction ensures long-term reliability even under the most demanding conditions of portable and professional use. The Roland V-1SDI High-Definition Video Switcher will be available in October 2016.

To learn more about the V-1SDI, visit <http://proav.roland.com/products/v-1sdi>.

About Roland Professional A/V

Roland's professional A/V division is dedicated to providing solutions in support of audio and video professionals demanding excellence in both performance and functionality. Through the development and support of video and audio products, we endeavor to improve workflow and maximize creative possibilities in a variety of markets including [Broadcast](#), [Corporate](#), [Education](#), [Legal](#), [Live Production](#), [Sports](#), [Theater](#), [Theme Park](#), [Videography](#), [Visual Performance](#), [Worship](#). Roland is headquartered in Los Angeles, California. For more information: <http://proav.roland.com>.