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Press Contact:

Public & Investors Relations Group
Personnel & Corporate Affairs Dept.
Roland Corporation

koho@roland.co.jp

<https://www.roland.com/>

Roland Pro A/V Introduces Its V-02HD Multi-format Video Mixer

The Roland V-02HD is an ultra-compact two-input switcher and video production problem solver for a wide range of production settings including livestreaming and presentations



Hamamatsu, Japan, November 08, 2018 — Roland Professional A/V is introducing the versatile and powerful V-02HD multi-format video mixer, which combines a simple switcher, high-quality scaler, input expander, and inline video effects/composition and audio solution in one portable unit. This ultra-compact “micro-switcher,” designed for solving challenges in livestreaming and video production workflows, fits into most equipment cases and camera bags making it easy to have on hand for every production and also conveniently attaches to standard video mounts and tripods.

As a simple switcher, Roland’s V-02HD can provide a professional cross-dissolve switchover between sources while maintaining hi-res “pixel-accurate” display resolution with deep 10-bit 4:4:4 color space. It can also transform a two-camera shoot into an easily managed one-person production, providing stress-free, reliable recording or livestreaming. The unit accepts the outputs from two HDMI cameras and enables seamless switching to a connected recorder or livestreaming encoder. Simple two-button operation means that even a first-time user can accomplish professional switching of multiple sources, and hands-free switching is possible using an optional footswitch.

Not all HDMI-equipped devices are compatible, but the V-02HD matches them to the resolution of the receiving device and then resizes them to fit the associated display by offering both input and output scalers as well as HDCP/Multi-format support. The V-02HD accepts SD, HD and computer resolutions ranging from 1080/59.94p down to 640 x 480/ 60 Hz VGA.

Transition, composition and visual effects tools may be applied in real time from the intuitive front panel controls. Fourteen visual effects and five composition effects are included, with adjustable parameters to fine-tune the results. Operators can use the onboard composition effects to add titles, apply the Key effect for green screen work or create a separate inset window with the PinP capability. In case of an input source problem or if content is not yet ready or able to be shared, the V-02HD can store a still image for immediate display.

The V-02HD mixes 2-channel audio from sources with HDMI de-embedding along with one stereo analog input for external sources via a 3.5mm jack. The unit supports analog and 24-bit/48 kHz Linear PCM digital audio with embedding to the HDMI outputs for recording or livestreaming as well as analog output to a dedicated audio mixer or other device, or for headphone monitoring, through a second 3.5 mm jack.

Onboard audio processing includes three-band EQ, high-pass filter, compressor, noise gate, multi-band compressor, limiter and delay, and there is a test tone output. A built-in effects library offers presets for managing common production scenarios such as interviews, ambient sound recording and the elimination of wind noise when filming outdoors. These tools even work with inline HDMI signals, allowing audio issues to be addressed without leaving the digital domain.

To learn more about the V-02HD multi-format video mixer, visit <https://proav.roland.com>.

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](#), and [Worship](#).

For more information: <https://proav.roland.com>.

About Roland Corporation

Roland Corporation is a leading manufacturer and distributor of electronic musical instruments, including keyboards and synthesizers, guitar products, electronic percussion, amplifiers, audio and recording products, vocal products and professional audio and video products. With more than 40 years of musical instrument development, Roland sets the standard in music technology for the world to follow. For more information, visit [Roland.com](https://roland.com).