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Roland Announces V-1200HD a 2 M/E Broadcast and Live Production Switcher with Hybrid Engine

Los Angeles, CA. – Roland’s Professional AV division announces a brand new 2 M/E video switcher, set to debut at the NAB show 2015 in Las Vegas April 13 – 16. Roland’s popular video switchers such as the V-800HD, VR-50HD, and V-1600HD are known for accepting multiple formats and outputting in one format ideal for live production and corporate presentations. The new Roland V-1200HD features a new “hybrid” engine that combines a 4:2:2 / 2 M/E switcher with a 4:4:4/10-bit multi-format processor presentation switcher. M/E modes are selectable and a configurable bussing structure allows up to six video layers of composition and two independent [auxiliary](#) video outputs ideal for broadcast applications. The multi-format [processor](#) enables RGB 4:4:4/10-bit processing best suited for computer formats with full scaling that allows for splitting content across two screens. A 4K switching mode simulates a routing switcher by combining four SDI inputs or output to achieve a single 4K source. Installing the XI-SDI expansion card enables 4K routing of up to three inputs and two outputs. The V-1200HD’s revolutionary “Hybrid” [engine](#) and affordable price point makes it ideal for many markets including broadcast, streaming, corporate events, worship, education, and production rental.

The Roland V-1200HD features 16 assignable cross-points with 10 SDI and 4 HDMI inputs and 6 SDI and 2 HDMI outputs as standard. Two HDMI inputs are equipped with scalars to handle multiple formats from [3G, HD, SD](#) and VESA computer resolutions. The V-1200HD features two XI-Card expansion slots on the rear of the switcher to expand video and audio I/O using XI Expansion cards which include the new SDI, DVI-I, SFP as well as XI-Cards that were recently introduced for Roland’s M-5000 Live Audio Console that include Dante, MADI, and Roland’s REAC digital audio protocol. The XI-Cards allow the V-1200HD to be flexible in both audio and video configurations found in live production and broadcasting applications. Additionally the XI-Card options ensures that the Roland V-1200HD not only supports current audio and video protocol standards but is future proof in new format standards.

The flexibility of the V-1200HD extends to the user interface. The V-1200HD can be controlled by the V-1200HDR Control Surface; a dedicated controller with touch screen, T-bar, and control knob switches and buttons. The “touch and turn” feature ensures precise operational control when adjusting mixing parameters. The V-1200HD also has two HDMI inputs for display of the V-1200HD multi-view outputs on the built-in touch screens. The V-1200[HD](#) RCS is a dedicated software application that controls all of the mixing parameters from a computer to use in conjunction with either the V-1200HDR or on its own. For more complex mixing configurations the V-1200[HD](#) RCS software application can control up to four V-1200HD units simultaneously on one network. You



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can separate operating functions by using a multi-person team. For example video camera switching can be done by the V-1200HDR controller and projector-output switching via the V-1200RCS software.

The V-1200HD also supports control of up to four PTZ cameras that support the VISCA protocol using RS-422 with scene storage for direction, zoom, and pan positioning useful for live production and broadcast studio applications. The powerful digital audio processing engine enables a total of 92 input/output channels from SDI, HDMI and can embed and de-embed analog or digital audio. The on-board digital audio mixer supports up to 16 channels of audio.

The Roland V-1200HD Switcher will make it's international debut at NAB 2015 in Las Vegas on the Roland Booth #C2635

For more information visit <http://proav.roland.com/v1200hd>

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, Education, Legal, Live Production, Sports, Theater, Theme Park, Videography, Visual Performance, Worship. Roland is headquartered in Los Angeles, California.

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