



Professional A/V

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Roland Adds Seven New Expansion Interface Cards for V-1200HD Video Switcher and M-5000 Live Audio Mixing Console

— New cards allow the V-1200HD broadcast and live video production switcher and M-5000 Live Sound Mixing Console to expand I/O with REAC, Dante™, MADI, SDI, Waves SoundGrid®, DVI and SFP protocols —

NAB Show, Las Vegas, NV, April 13, 2015 — Roland is launching several new expansion interface cards at the 2015 NAB Show that significantly extend the audio and video I/O capabilities of both the V-1200HD Broadcast and Live Video Production Switcher—also debuting at the NAB Show—and the M-5000 Live Sound Mixing Console. Roland's new XI-Expansion Interface Cards future-proof the V-1200HD and M-5000 by enabling them to interoperate with any equipment supporting the REAC, Dante™, MADI, SDI, Waves SoundGrid®, DVI and SFP digital audio and video transport protocols.

Previously introduced for use with the M-5000 audio console, the XI-REAC, XI-Dante, XI-MADI and XI-WSG (Waves SoundGrid) cards also expand the flexibility of the new V-1200HD video switcher by enabling it to operate in a wider range of broadcast and live production applications. Similarly, the new XI-SDI, XI-DVI and XI-SFP cards allow de-embedding and embedding of audio directly from or to video signals by the M-5000. Both the V-1200HD and the M-5000 feature two available XI-Expansion Interface card slots.

When used with the M-5000, the XI-SDI, XI-DVI and XI-SFP expansion interface cards add direct audio I/O capabilities for video workflows. The XI-SDI and XI-SFP cards both support 16 audio inputs from embedded SDI audio and outputs at 48 kHz plus video throughput, fixed as through 1 to 2 and 3 to 4. The XI-DVI card provides two audio I/O channels from HDMI signals at 48 kHz plus a single video throughput fixed in a configuration of through 1 to 2.

When installed in an expansion slot in the V-1200HD, the XI-SDI, which features two built-in video scalers, allows 16 channels of audio at 48 kHz to be embedded/de-embedded via each of the four bidirectional BNC terminals. Video handling capabilities of the XI-SDI card may be configured as four inputs, three inputs and one output; two in and two out; one in and three out; or four outputs. Similarly, the XI-DVI card features two built-in scalers and can handle either one video/48 kHz audio input and output, two video/audio inputs, or two outputs, via a pair of bidirectional DVI connections.

The new XI-SFP expansion card adds space for two non-MSA compatible (INF-8074i, rev 1.0) small form-factor pluggable video transceiver modules. The four video signal paths through the card may be configured as four inputs, three inputs and one output; two in and two out; one in and three out; or four outputs. The XI-SFP also features two built-in video scalers and supports 16 bidirectional channels of audio at 48 kHz.

The XI-REAC when used with the M-5000, provides two REAC ports that each handle 40 audio inputs and 40 audio outputs. The XI-Dante card offers a primary and a secondary port, plus a control port, and supports 64 bidirectional audio channels at 48 kHz or 32 bidirectional channels at 96 kHz. The XI-MADI features two sets of connections, each offering BNC and optical connectors, plus a video sync BNC connector. Two sets of 32 bidirectional MADI channels at 96 kHz or two sets of 64 bidirectional channels at 48 kHz are supported. The XI-WSG adds three 48 kHz- or 96 kHz-capable SoundGrid Ethernet ports to the I/O capacity of the M-5000.

When an XI-REAC card is installed in a V-1200HD expansion slot, a single port is available, operating in Slave mode, offering 16 bidirectional audio channels at 48 kHz allowing for bidirectional communication with other Roland REAC enabled devices. The XI-Dante card also supports 16 bidirectional audio channels at 48 kHz. The XI-MADI expansion interface card also adds a single port, and is capable of passing up to 16 bidirectional audio channels at 48 kHz. The XI-WSG card provides a single 48 kHz-capable SoundGrid port.

For more information, visit <http://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, Education, Legal, Live Production, Sports, Theater, Theme Park, Videography, Visual Performance, Worship. Roland is headquartered in Los Angeles, California.

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