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V-60HD

HD VIDEO SWITCHER

3G bps 1080/60p WUXGA 1080/60p AUDIO 8 CH SMART TALLY

* Headphones, microphones, video recorders are not included
* 4K is not supported

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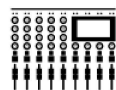
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Plug-n-Play Production Switcher with Audio for Live Event and Streaming

Live event production and streaming continues to grow and the demand for more features requires a sophisticated feature set. The V-60HD simplifies your set-ups and combines the best of both worlds that includes SDI inputs for camera sources and scaled HDMI inputs for data, computer, tablet and other video sources. The combination of powerful audio features that include multi-channel embedded audio, XLR and RCA analog inputs, de-embedded audio from digital SDI or HDMI sources plus a variety of video connections with a Program and Aux Bus makes the V-60HD ideal for a variety of live event production and streaming applications.



Roland V-60HD HD Video Switcher



Video

Cut, Mix with cross dissolve and NAM, FAM transitions. Use up to 30 different wipe patterns. Time based corrected and frame synched provides seamless transitions between 6 video sources and 2 still images instead of buses.

-
- 4 SDI Inputs (with de-interlacer)

- 1 1 Multiview Outputs – Program, Preview, plus 8 video sources with Audio meters
- 2 2 HDMI Inputs (scaled)
- 3 1 RGB shared with HDMI input 6 (scaled)
- 4 2 SDI Outputs – Assignable to PGM, PVW, AUX
- 5 2 HDMI Outputs – Assignable to PGM, PVW, AUX
- 6 1 Multiview Outputs – Program, Preview, plus 8 video sources with Audio meters
- 7 LAN – Remote control and Smart Tally
- 8 RS-232 – Remote control
- 9 USB Port – Still Image Upload, Saving Program Files



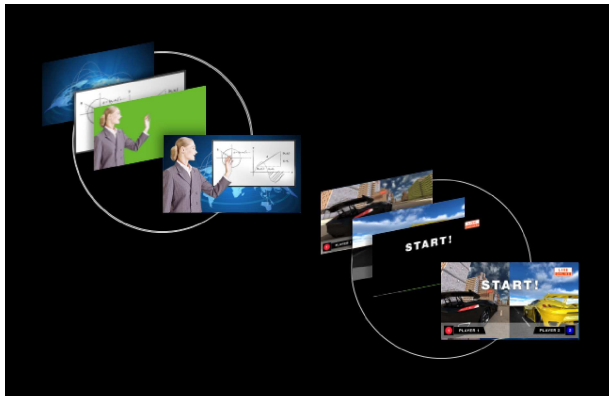
Professional user interface

Professional broadcast cross point buttons with PGM/PST LED color indicators. Rugged T-Bar, DSK quick edit knobs for key level and gain. Two dedicated PinP and Split buttons with knobs for center framing of Split and PinP placement. Change transition type using either mix or two preset wipe buttons with dedicated transition dissolve time knob. Front panel 3-inch LCD display with quick access menu navigation to adjust switcher parameters.



Video composition

Professional broadcast cross point buttons with PGM/PST LED color indicators. Rugged T-Bar, DSK quick edit knobs for key level and gain. Two dedicated PinP and Split buttons with knobs for center framing of Split and PinP placement. Change transition type using either mix or two preset wipe buttons with dedicated transition dissolve time knob. Front panel 3-inch LCD display with quick access menu navigation to adjust switcher parameters.



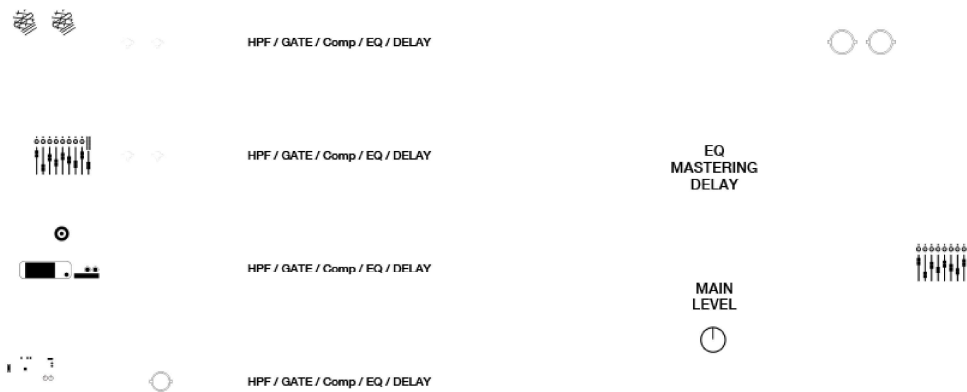
AUX bus

A dedicated AUX bus can be assigned to any of the four discreet SDI or HDMI outputs providing seamless switching from the 8-input channels (4 SDI, 2 HDMI or 1 RGB and 2 Still Images). Dedicated AUX layer cross-point buttons ensures quick operation and seamless switching.



AUDIO

The V-60HD features an 18-channel audio mixer which includes four XLR/TRS Combo jacks with 48v phantom power, RCA stereo Pair, plus audio de-embed from the six video inputs.

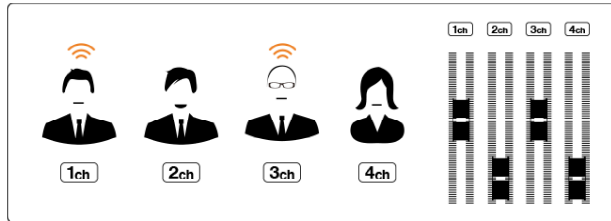


Audio Mixer with preamp and dynamics (compressor)

The V-60HD powerful preamp and dynamics effects include a high-pass filter, gate, compressor, 3-band EQ, delay and ability to select audio follows video channel so audio passes through when a specific video source is selected. Dynamics can be adjusted from the onscreen menu or accessed through the powerful Remote-Control Software for Windows or Mac.

Auto mixing

The included Auto-Mixing function ensures the correct mix for multiple panel participants at conferences by automatically adjusting levels across multiple audio sources. A priority weighting assignment that is channel specific can be set giving the moderator or priority audio channel a higher volume level while using the Auto-Mixing function allowing the operator to focus on video switching and production.



Discreet Multi-Channel Audio Embedding

Assign up to eight analog audio inputs a separate audio embed channel on SDI 1 and 2 outputs to ensure a separate mix pre-effect (dry) or post effect (wet) for correcting audio problems post live event. This feature is additionally useful for multi-language events to record the voice-over or language translation on its own audio channel to a separate master.



SMART TALLY

Roland's unique and proprietary wireless tally system uses a wireless LAN router connected to the V-60HD to send tally information to iOS or Android devices on the network.



REMOTE CONTROL

An easy-to-use software application V-60HD RCS for Mac or PC provides setup and control information for the Roland V-60HD through a network port. Copy, store and recall memory (backup) and preset settings. The free RCS application is expected to release early Q2 2018.

The V-60HD is equipped with an RS-232 port for control and operation remotely from a touch panel or other programmable interface device.



- > Block diagram
- > Dimensions



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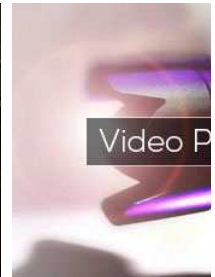
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