

V-60HD | HD VIDEO SWITCHER

H/PGM-CTR

PinP: This adjusts the horizontal display position of the inset screen.
Split: This adjusts the vertical and horizontal position of the video displayed above or on the left.

V/PST-CTR

PinP: This adjusts the vertical display position of the inset screen.
Split: This adjusts the vertical and horizontal position of the video displayed below or on the right.

PINP 1, PINP 2 SPLIT

This switches PinP or split video composition on and off. When the feature is turned on, the button lights up.

AUDIO INPUT LEVEL

These adjust the volume level for AUDIO IN 1–5/6.

MASTER OUTPUT

This adjusts the volume level for master out.

MASTER OUTPUT LEVEL METER

This displays the volume level for master out.

MENU

This switches between displaying or hiding the menu. The menu appears on the unit's built-in display and on the multi-view monitor (p. 10) connected to the MULTI-VIEW connector.

VALUE

Turning: This selects a menu item or changes a setting value.
Pressing: This accepts the selected menu item or applies changes to a setting. It also executes operations.

MIX, WIPE 1 WIPE 2

These select video transition effects. The selected button lights up.

DSK

This switches DSK composition on or off. When on, the [DSK] button lights up.



AUX/MEMORY

CROSS-POINT

These select the video to output.

CUT/AUTO

These make the preset video (the video to output next) the final output.

AUDIO INPUT LEVEL

These adjust the volume level for AUDIO IN 1–5/6.

RS-232 CONNECTOR

A remote-control device (such as a computer that supports RS-232) can be connected here to remotely control the V-60HD.

SDI OUT 1 AND 2 CONNECTORS, HDMI OUT 1 AND 2 CONNECTORS

This outputs the results of video mixing (the final-output video), preview video (the video to be output next), or AUX-bus video. Connect them to devices such as projectors, video recorders, or external displays.

DC IN JACK

Connect the included AC adapter to this jack.

CONTROL PORT

You use "V-60HD RCS" dedicated software to operate the V-60HD remotely from a connected computer.

MULTI-VIEW CONNECTOR

This outputs the input/output video list, the audio level meter, and the OSD menu. You connect a multi-view monitor here.

HDMI IN 5 AND 6 CONNECTORS RGB/COMPONENT IN 6 CONNECTOR

These connectors input video signals from video cameras, video recorders, and other video equipment.

SDI IN CONNECTORS

These connectors input video signals from video cameras, video recorders, and other video equipment.



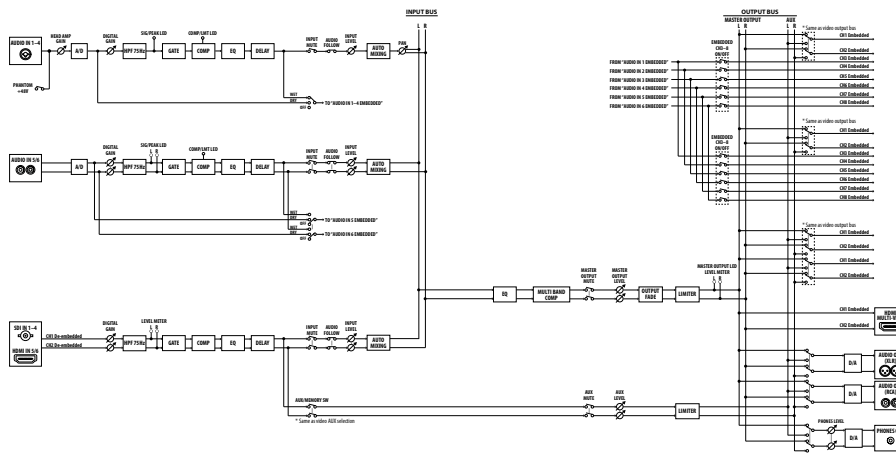
Plug-n-Play Production Switcher with Audio for Live Event and Streaming

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

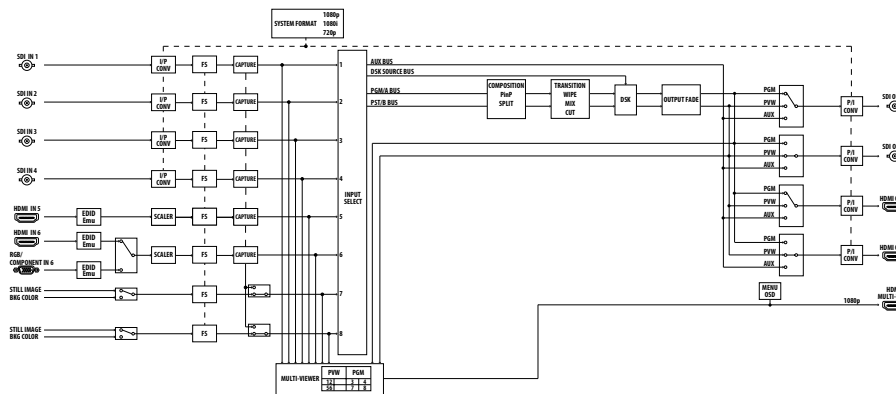


BLOCK DIAGRAM

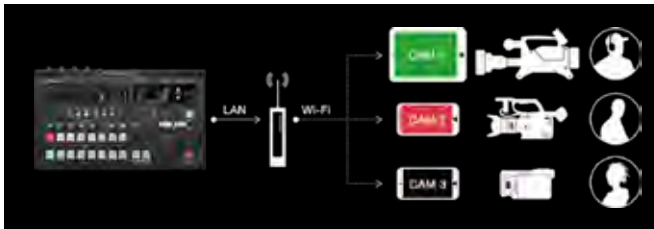
AUDIO



VIDEO



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



AUDIO

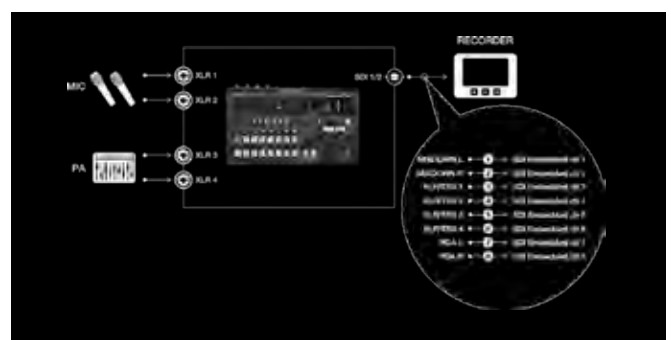
Audio Mixer with preamp and dynamics

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.

Discrete Multi-Channel Audio Embedding



Assign up to eight analog audio inputs a separate audio embed channel on SDI 1 and 2 outputs, for a separate mix pre-effect (dry) or post-effect (wet) for correcting audio problems post live event.