Roland XS-62S 6-Channel HD Video Switcher (1U Rack Mount)

RACKMOUNT SWITCHER FOR LIVE PRODUCTION AND FIXED INSTALLATIONS WITH PTZ CAMERA CONTROL

The XS-62S is a compact 1U rack mount, compact 6-channel video switcher with audio mixer and PTZ camera control capabilities for both permanent installs and on-site events. This powerful, integrated solution supports a wide range of applications including presentation and performance and special event venues, corporate AV conferences, classrooms for e-learning and more. The XS-62S is a great space saving unit that is easy to control from the front panel buttons and menu screen, or from a PC or Mac using realtime remote control software (RCS).

APPLICATIONS

Live Production Studio

Content creation is a challenge for many companies looking to more efficiently produce product presentations, town hall meetings, and trainings. The XS-62S makes it easy to create content with an all-in-one switching and audio mixing system that streamlines the production process.

The XS-62S is easy to use from either the front panel controls or remote control software from a PC or Mac. Programmable presets allow one-touch recall of preset camera positions and angles, and the audio auto mixer takes care of audio mixing in the background, so the operator can focus on switching video. The XS-62S is the perfect size for installation into small spaces and portable enough to be used in multiple areas of a corporate office or other facility.

Performance Venue / Church

XS-62S is the ideal solution for hotel meeting rooms and banquet halls, houses of worship and live performance venues. The XS-62S Matrix Mode makes it easy to send different content to 2 to 3 screen destinations, from a single switcher all while mixing program audio and controlling PTZ remote cameras. PGM / PST Mode works as a traditional switcher complete with cross-dissolve switching and Aux bus delegation for sending different video to a secondary destination such as a presenter's confidence monitor or additional presentation screens. Performance venues will benefit greatly from the built-in auto mixing function. The auto-mixing function automatically balances incoming audio sources such as microphones from a discussion panel, making it easy for the operator. The XS-62S's audio processing also includes advanced effects such as EQ, dynamics and delay for mixing of vocal speech along with music and other audio embedded in video sources. These effects will provide improved sound quality for streaming applications, recording and sound reinforcement.

Live Streaming and Video Conference

The XS-62S is also suitable for live streaming and web conferencing systems. In this type of application, you could be using multiple PTZ cameras and PCs. With the XS-62S this can easily be operated by a small team or even a single person. PTZ camera control eliminates the need for individual camera operators, since everything can be controlled from the XS-62S while video is being switched by the same operator. The XS-62S's audio capabilities make it easy to connect 4 microphones, mixing audio from computers and other video sources.

Features:

VIDEO

The XS-62S video switcher can seamlessly switch 6 inputs including 3G-SDI, HDMI and Analog (RGB, Component and Composite) sources along with 2 still images stored in internal memory. Three video switching modes can be selected, allowing a wide range of applications from the XS-62S.

Professional user interface

The professional broadcast quality crosspoint buttons are back lit with brightness control for use in bright daylight or dark performance spaces. A dedicated menu screen and volume knobs for adjusting audio are both easy to access from the front panel . The XS-62S is designed for direct control and intuitive operation for any events.

Switching mode

The XS - 62S has multiple switching modes to best suit the app

Video composition

In addition to traditional Square or Rectangle shapes, the PinP function can select Circle, Heart or Diamond shapes. With the DSK function, you can overlay titles, lyrics, logos etc on top of composited video. Both luminance key (black / white) and chroma key (blue / green) fucntions are available.

Multi-view output

XS-62S can preview all six video inputs and two still images, PGM and PVW to a single preview monitor via the Multi-view output. In addition, you can display the menu on the Multi-view display, so you make setting changes without changing your focus from the preview display.

AUDIO

The XS-62S features a 18-channel audio mixer which includes four TRS jacks, RCA stereo Pair, plus audio de-embed from the six video

inputs.

Audio Mixer with preamp and dynamics (compressor)

The XS-62S 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 all 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 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 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 XS-62S to send tally information iOS or Android devices on the network.

PTZ CONTROL

Achieve multiple camera angles for fixed installations by controlling up to six PTZ cameras using VISCA protocol. Save and recall seven position settings for each camera.

REMOTE CONTROL

An easy-to-use software application XS-62S RCS for Mac or PC provides setup and control information for the Roland XS-62S through a network port. Copy, store and recall memory (backup) and preset settings. The XS-62S is equipped with an RS-232 and LAN port for control and operation remotely from a touch panel or other programmable interface device.