

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

VIDEO	
Video Processing	4:2:2 (Y/Pb/Pr), 8-bit
Input Connectors	<p>SDI IN 1--4: BNC type x 4 * Conforms to SMPTE 424M (SMPTE 425M-AB), 292M</p> <p>HDMI IN 5--6: HDMI type A x 2 * HDCP Supported * Multi-format Supported</p> <p>RGB/COMPONENT/COMPOSITE IN 6: HD DB-15 type x 1 * Select either HDMI or RGB/COMPONENT or COMPOSITE for the INPUT 6 connector. * Multi-format Supported</p>
Output Connectors	<p>SDI OUT 1--2: BNC type x 2 * Conforms to SMPTE 424M (SMPTE 425M-AB), 292M</p> <p>HDMI OUT 1--3: HDMI type A x 3 * HDCP Supported</p>
Analog Input Level, Impedance	<p>RGB: 0.7Vp-p, 75ohms (H, V:5VTTL) COMPONENT: 1.0Vp-p, 75ohms(Bi-level sync/Tri-level sync) COMPOSITE: 1.0Vp-p (Y), 0.286Vp-p (C: NTSC), 0.3Vp-p (C: PAL), 75ohms</p>
Input formats	<p>SDI IN 1--4: Conforms to SMPTE 296M, SMPTE 274M 720/59.94p, 720/50p(SYSTEM FORMAT = 720p) 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p(SYSTEM FORMAT = 1080i or 1080p) * The input interlaced video signal is converted to progressive video signal by internal processing. * The video signal frame rate can be selected at the SYSTEM menu (59.94 Hz or 50 Hz).</p> <p>HDMI IN 5--6, RGB/COMPONENT/COMPOSITE IN 6: 480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p, VGA (640 x 480, 60 Hz), SVGA (800 x 600, 60 Hz), XGA (1024 x 768, 60 Hz), WXGA (1280 x 800, 60 Hz), SXGA (1280 x 1024, 60 Hz), FWXGA (1366 x 768, 60 Hz), SXGA+ (1400 x 1050, 60 Hz), UXGA (1600 x 1200, 60 Hz), WUXGA (1920 x 1200, 60 Hz) * The refresh rate is the maximum value of each resolution. * Conforms to VESA DMT Version 1.0 Revision 11. * 1920 x 1200, 60 Hz: Reduced blanking * The input interlaced video signal is converted to progressive video signal by internal processing. * The video signal frame rate can be selected at the SYSTEM menu (59.94 Hz or 50 Hz).</p>
Still Image	<p>Bitmap File (.bmp) * Maximum 1920 x 1080 pixels, 24-bit color, uncompressed. * It can be stored up to 2 files in the internal memory.</p>

Output formats	<p>SDI OUT 1--2: Conforms to SMPTE 296M, 274M</p> <p>HDMI OUT 1--2:  720/59.94p, 720/50p (System Format = 720p)  1080/59.94i, 1080/50i (System Format = 1080i)  1080/59.94p, 1080/50p (System Format = 1080p)</p> <p>* The video signal frame rate can be selected at the SYSTEM menu (59.94 Hz or 50 Hz).</p> <p>HDMI OUT 3 (MULTI-VIEW): 1080/59.94p, 1080/50p  HDMI OUT 3 (SCALER): 480/59.94p, 576/50p,  720/59.94p, 720/50p, 1080/59.94p, 1080/50p,  SVGA (800 x 600, 60 Hz)(*1), XGA (1024 x 768, 60 Hz)(*1),  WXGA (1280 x 800, 60 Hz)(*1), SXGA (1280 x 1024, 60 Hz)(*1),  FWXGA (1366 x 768, 60 Hz)(*1), SXGA+ (1400 x 1050, 60 Hz)(*1),  UXGA (1600 x 1200, 60 Hz), WUXGA (1920 x 1200, 60 Hz)</p> <p>* Select either MULTI-VIEW or SCALER for the HDMI OUT 3 connector.  * The video signal frame rate can be selected at the SYSTEM menu (59.94 Hz or 50 Hz).  * 1920 x 1200, 60 Hz: Reduced blanking  (*1) Output refresh rate is 75 Hz when frame rate is set to 50Hz.</p>
Video Effects	<p>Output Mode: PGM-PST, DISSOLVE, MATRIX  Transition: CUT, MIX (DISSOLVE/FAM/NAM)(*1), WIPE (30 types)(*1)  Composition: PinP (SQUARE, CIRCLE, HEART, DIAMOND)(*1), SPLIT (4 types)(*1), DSK (Luminance Key, Chroma Key)(*1)  Other: Flip horizontal, Still Image Capture, Still Image Playback, Test pattern output, Input Freeze  (*1) These effects depend on Output Mode</p>
AUDIO	
Audio Processing	Sampling rate: 24 bits/48 kHz
Audio formats	<p>SDI IN: Linear PCM, 24 bits/48 kHz, 2 ch (Conforms to SMPTE 299M)  SDI OUT: Linear PCM, 24 bits/48 kHz, 8 ch (Conforms to SMPTE 299M)  HDMI IN, HDMI OUT: Linear PCM, 24 bits/48 kHz, 2 ch</p>
Input Connectors	<p>SDI IN 1--4: BNC type x 4  HDMI IN 5--6: HDMI Type A x 2  AUDIO IN 1--4: 1/4-inch TRS phone type  AUDIO IN 5--6: RCA phono type</p>
Output Connectors	<p>SDI OUT 1--2: BNC type x 2  HDMI OUT 1--3: HDMI type A x 3  AUDIO OUT: XLR type, RCA phono type  PHONES: Stereo 1/4-inch phone type</p>
Input Level	<p>AUDIO IN 1--4: -60--+4 dBu (Maximum input level: +22 dBu)  AUDIO IN 5--6: -10 dBu (Maximum input level: +8 dBu)</p>
Input Impedance	<p>AUDIO IN 1--4: 28 k ohms (HEAD AMP GAIN: 0--+23 dBu), 5 k ohms (HEAD AMP GAIN: +24--+64 dBu)  AUDIO IN 5--6: 15 k ohms</p>
Output Level	<p>AUDIO OUT: +4 dBu (XLR type, Maximum input level: +22 dBu), -10 dBu (RCA phono type, Maximum input level: +8 dBu)  PHONES: 92 mW + 92 mW (32 ohms)</p>
Output Impedance	<p>AUDIO OUT: 600 ohms (XLR type), 1 k ohm (RCA phono type)  PHONES: 10 ohms</p>
Audio Effects	Auto Mixing, EQ, Delay, Compressor, HPF, Gate, Reverb, Multi-Band Compressor, Limiter
OTHERS	
Other Connectors	<p>USB MEMORY port (for USB flash drive): USB A type  TALLY/GPIO: DB-25 type (Female)  RS-232: DB-9 type (Male, for remote control)  RS-422: DB-9 type (Female, for VISCA control)  CONTROL: RJ45, 100BASE-TX (For remote control)</p>
Other Functions	<p>Preset Memory (8 types)  Panel Lock Function  EDID Emulator  Smart Tally  Remote Camera Control</p>

Display	Graphic LCD 128 x 64 dots
Power Supply	AC Adaptor
Current Draw	2.6 A
Power Consumption	31.0 W
Operation Temperature	+0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit
Dimensions	481 (W) x 333 (D) x 44 (H) mm 18-15/16 (W) x 13-1/8 (D) x 1-3/4 (H) inches
Weight (excluding AC adaptor)	3.6 kg 7 lbs 15 oz
Accessories	Owner's manual AC adaptor Power cord Rubber Foot x 4