SV-552

SummitView™ BrainBox™ Processor/Switcher & Room Controller

CV	DVI	ETH	INFRA RED	MIC	RS-232	RS-485	TP	VGA

HDTV COMPATIBLE	SPKR	RELAY	K-NET	USB

The SummitView™ SV-552 processor/switcher is the heart of the system for audio and video signal distribution and room control. From one or more wall plate room controllers, the SV-552 switches up to six audio and video sources to a large screen display in their native formats, amplifies the audio to a pair of speakers, and controls room facilities such as lights and a screen.
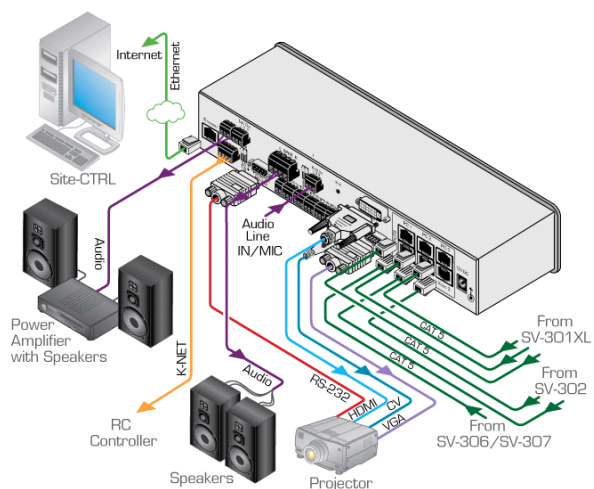
SV-552

FEATURES

- **Video Inputs** - 6 RJ-45 from 6 wall plates via CAT 5: 3 computer graphics video, 2 composite & 1 DVI/HDMI.
- **Video Outputs** - 15-pin HD (for computer graphics video), RCA (for composite video) & DVI/HDMI with embedded audio.
- **Audio Inputs** - Unbalanced stereo audio (from the composite, computer graphics video and embedded audio from the DVI & HDMI wall plate input modules).
- **AUX Audio Input** - Mixes an additional audio source (line or mic). Phantom power (if required).
- **Audio Outputs** - 1 stereo speakers, 1 monitor, 1 line & 1 embedded audio on the DVI output for HDMI signal only.
- **De-Embeds HDMI & DVI Audio.**
- **Flexible Control Options** - SummitView™ controllers via K-NET™ channel. Also supported: Ethernet, 10V volume control and front panel switching.
- **K-NET™ Control Channel** - Provides power and control data to the wall plate controllers over a single cable.
- **Power Connect™ System** - The SV-552 provides power to the wall plate input units via the CAT 5 cables.
- **Control Ports** - Control AV equipment with 2 RS-232, 1 RS-485, 1 IR, 2 relays, and Ethernet ports.
- **Kramer Site-CTRL™ Compatible** - For network remote control and management using Kramer Site-CTRL software over the Ethernet port.
- **Remote Volume Control** - Adjusts volume (line & speaker) from an RC-63 or other compatible controller.
- **Internal Clock** - Schedules recurring tasks, define system shutdown timer for economic operation, and more.
- **USB Port** - For programming.
- **Mounting Options** - RK-551 19" rack adapter or mounts in SV-1 mounting kit above the ceiling mount projector.

TECHNICAL SPECIFICATIONS

INPUTS:	6 CAT 5 on RJ-45 connectors, 1 AUX stereo on a 3-pin terminal block, 2 CV video, 3 PC (XGA), 1 HDMI/DVI.
OUTPUTS	1 speaker stereo on a 4-pin terminal block; 1 projector (XGA) on a 15-pin HD computer graphics video connector; 1 composite video on an RCA connector; 10kΩ volume; 2 relays on terminal block connectors (36V AC or DC, 2A, 60V AC maximum on non-inductive load), RS-232, and RS-485 3-pin terminal blocks; IR OUT on 2-pin terminal block; 1 DVI output with embedded audio; 1 line out, 1 monitor out for audio.
MAX. OUTPUT LEVEL:	Video: CV 2.6Vpp; XGA 2.2Vpp; Audio: 7W per channel into 4Ω; Lineout: 5.8Vpp @max volume, tone controls zeroed.
BANDWIDTH (-3dB):	Video: CV AND Y/C: 85MHz, XGA and Y, Pb, Pr 135MHz; Audio: 20Hz to 20kHz.
DIFF. GAIN:	0.5%.
DIFF. PHASE:	0.2Deg.
K-FACTOR:	0.4%.
S/N RATIO:	Video: 62dB; Audio: 60dB.
CONTROLS:	IR, RS-232, RS-485, Ethernet, K-NET.
COUPLING:	Video: DC; Audio: Input: AC; Output: DC.
AUDIO THD + NOISE:	0.7%.
AUDIO 2nd HARMONIC:	0.2%.
POWER SOURCE:	12V DC, 5A desktop power adapter.
DIMENSIONS:	27.78cm x 7.65cm x 4.36cm (10.94" x 3.01" 1.72") W, D, H.
WEIGHT:	0.65kg (1.43lbs) approx.
ACCESSORIES:	Power supply, rack "ears".
OPTIONS:	RK-551 (for installing on a 19" rack as opposed to mounting inside the SV-1).