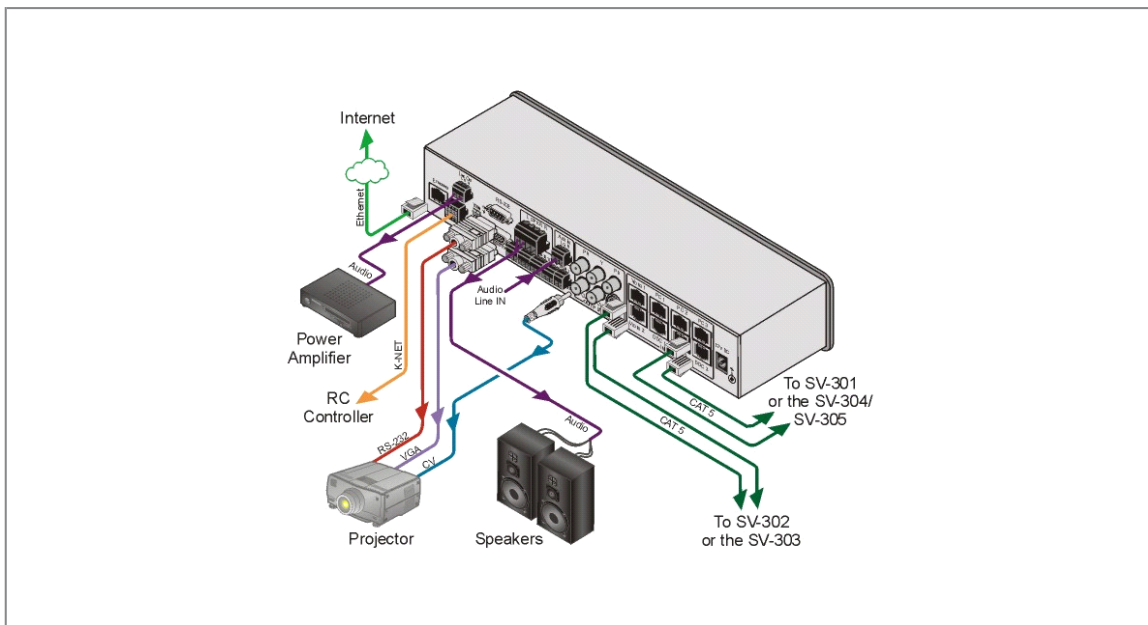## SV-551

SummitView™ Brainbox Processor/Switcher & Room Controller

The SummitView™ SV-551 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-551 switches up to five 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-551

FEATURES

- **Video Inputs** - 5 total; 8 RJ-45 from 5 wall plates via CAT 5, 3 computer graphics or component video, 3 DDC and 2 composite or s-Video.
- **Video Outputs** - 15-pin HD (for computer graphics video), 3 RCAs (for component video), 2 RCAs (for 2 composite video) and 4-pin (for s-Video).
- **Audio** - S/PDIF or unbalanced stereo audio (from the wall plate input module) is output (with optional tone control) to a balanced amplified stereo audio speaker output and audio line out on a terminal block connector.
- **AUX Audio Input** - Mixes an additional audio source such as a microphone at line level.
- **Audio Outputs** - 1 stereo speakers & 1 monitor.
- **Flexible Control Options** - SummitView™ controllers (RC-62 & RC-63) 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-551 provides power to the wall plate input units via the CAT 5 cable.
- **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** - Schedule recurring tasks, define system shutdown timer for economic operation, and more.
- **1 USB** - For programming.
- **Mounting Options** - RK-551 19" rack adapter or mounts in SV-1 mounting kit above the ceiling mount projector.

TECHNICAL SPECIFICATIONS

INPUTS:	1 AUX stereo on a 3-pin terminal block; 2 video (CV and Y/C); 3 PC (XGA and Y, Pb, Pr); 3 DDC (external display) on RJ-45 connectors.
OUTPUTS	1 speaker stereo on a 4-pin terminal block; 1 projector (XGA) on a 15-pin HD computer graphics video connector; 1 Y, Pb, Pr on 3 RCA connectors; 2 composite video on RCA connectors; 1 s-Video on a 4-pin connector; 3 DDC (bidirectional, inputs/outputs, as required) on RJ-45 connectors; 10V 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.
MAX. OUTPUT LEVEL:	Video: CV and Y/C: 3.3Vpp; XGA and Y, Pb, Pr 1.4 to 2Vpp; Audio: 2x10W on 4Ω speaker.
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, a pair of detachable rack "ears" and shelf.
OPTIONS:	RK-551 (for installing on a 19"