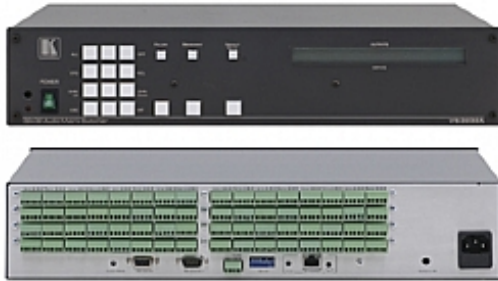## VS-3232A

32x32 Balanced Stereo Audio Matrix Switcher

The VS−3232A is a high−performance matrix switcher for balanced stereo audio signals. The unit can route any or all inputs to any or all outputs simultaneously.

FEATURES

- **Standalone or VS-3232V(xl) Companion Switcher.**
- **Audio-Follow-Video** - When connected to the VS−3232V(xl).
- **Zero Cross Detection and Soft Mute.**
- **Digital Input Sampling and Routing** - Ensures zero crosstalk and high−quality audio.
- **Communication Protocols** - Kramer 2000 and Sierra ASCII.
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed. Front Panel Lockout.
- **Take Button** - Executes multiple switches all at once.
- **Level Adjustment** - Input level: +/− 20dB for each input; output volume: 0 to −100dB for each output.
- **S/N Ratio** - >100dB at +20dBu/1kHz.
- **Linearity** - Better than 0.1dB from −25dBu to +20dBu.
- **THD & Noise** - <0.03%.
- **Frequency Response** - Flat between 20Hz to 20kHz.
- **Flexible Control Options** - Front panel, RS−232 (K− Router™ Windows®−based software is included), RS−485, Ethernet and IR remote (included).
- **Worldwide Power Supply** - 100−240V AC.
- **Standard 19" Rack Mount Size** - 2U. Rack "ears" included.

VS-3232A

TECHNICAL SPECIFICATIONS

INPUTS:	32 balanced stereo audio on 5−pin detachable terminal block connectors.
OUTPUTS:	32 balanced stereo audio on 5−pin detachable terminal block connectors.
INPUT IMPEDANCE:	>10kΩ (AC coupled).
INPUT LEVEL:	Nominal: 0.0dBu (775mV).
MAX.INPUT LEVEL:	21dBu @<0.05% THD+N at unity gain.
OUTPUT IMPEDANCE:	50Ω unbalanced, 100Ω balanced.
TOTAL INPUT-OUTPUT GAIN ERROR:	0.5dB channel to channel.
MAX. LEVEL:	600Ω load: >20dBu @0.02% THD+N at unity gain.
Hi-Z LOAD:	21dBu @0.05% THD+N at unity gain.
INPUT LEVEL ADJUSTMENT:	−20dB to +20dB (default 0dB).
OUTPUT LEVEL ADJUSTMENT:	0 to −100dBu at the following steps: 0.5dB steps from 0dBu to −40dBu; 1.0dB steps from −40dBu to −70dBu; 2.0dB steps from −70dB to −100dBu.
FREQUENCY RESPONSE:	20Hz to 20kHz (±0.1dB).
THD + NOISE:	<0.03% @1kHz at nominal level "A" weighting.
S/N RATIO:	>90dB at maximum output (21dBu), "A" weighting.
CROSSTALK:	<80dB @1kHz, fully loaded.
STEREO CHANNEL SEPARATION:	80dB @1kHz.
CONTROLS:	18 selector switches, RS−232, RS−485, remote IR, Ethernet.
INDICATORS:	Multi−character display on the front panel.
POWER CONSUMPTION:	100−240V AC 50/60Hz, 70VA max.
DIMENSIONS:	19” x 7” x 2U W, D, H, rack−mountable.
WEIGHT:	3.5kg (7.8lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null−modem adapter, Windows® based Kramer control software, Windows® based Ethernet Configuration Manager and Virtual Serial Port Manager, infrared remote control transmitter, rack "ears".
OPTIONS:	External remote IR receiver cable; 15m extension cable.