

Kramer DSP-62-AEC 6x2 PoE Audio Matrix with DSP and AEC

DSP-62-AEC is a member of the Kramer XSPerience family of DSP products. DSP-62-AEC is an advanced, professional 6 x 2 audio matrix switcher that includes multi-channel DSP, AEC (Acoustic Echo Cancellation), HDMI de-embedding, and class compliant USB audio interface. The comprehensive and user-friendly graphic interface makes configuring every detail of your audio system intuitive and easy.

Features:

- Advanced Audio Matrix Switcher - Professional, studio grade signal conversion technology, Including the latest generation 32-bit advanced Digital Analog Converter architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. Maintains the quality of the original audio signal with selectable sampling rates up to 96 kHz. Flat frequency response, unmatched sonic performance, excellent signal to noise ratio, and extraordinarily low distortion levels.
- Wide Range of I/O Formats - Includes 2 HDMI inputs, 1 unbalanced & 4 balanced analog audio inputs, 2 balanced analog audio outputs, 1 HDMI output, and 1 bidirectional USB plug & play audio port.
- Reliable PoE (Power over Ethernet) Powering - Accepts power from a remote PoE provider with optional mains powering from connected power adapter.
- Multi-Channel Processing - Provides DSP (Digital Sound Processing) that enables simultaneous processing of all input and output signals.
- Teleconference Optimized - Features AEC (Acoustic Echo Cancellation), that prevents the microphone from picking up the far-end echoed speech, so you only share the audio spoken directly into the microphone.
- Max. Video Resolution - 4K@60Hz (4:4:4).
- Intuitive and Comprehensive Configuration and Control - Via a powerful, user-friendly graphic interface, set volume (gain and attenuation) and DSP per input; execute routing and select line in, mic in, phantom power or line out on each port; configure master level and more. Control signal routing, volume and other basic settings using API commands via RS-232 communication transmitted by a PC, touch screen system or other serial controller.
- Audio De-embedding - De-embeds the audio signal from the HDMI input for routing to any of the outputs.
- Programmable - Supports up to 10 global presets plus 10 mixer snapshot presets.
- Easy, Cost-Effective Maintenance - LED indicators for main power, line in/out, mic in, clipping, and HDMI input selection, enable easy local maintenance and troubleshooting. Local firmware upgrade via the USB type-B port ensures lasting, field-proven deployment.
- Easy Installation - Compact DemiTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter.