

6432E-128-U

64x32 Unbalanced Digital Audio Matrix Switcher



6432E-128-U

Analog Audio Features

- **Frame Sizes** - 64x64 or 128x128
- **Front Loading & Hot-Swappable I/O Modules**
- **Operate As Stand-Alone Audio Or Companion Audio Routers for Yosemite, Ponderosa or Viper Video Frames** - Stand Alone operations requires the optional serial control module.
- **Mono / Stereo Analog Audio** - Analog frames can be configured as mono or stereo. Stereo configurations may require 2 audio frames depending on I/O requirements.
- **AES/EBU Digital Audio** - Can be ordered as AES-3 balanced audio on terminal block adapters or AES-3id unbalanced audio on BNC connectors.

6432E-128-U

TECHNICAL SPECIFICATIONS

Mono Audio

Dynamic Range	90dB ref. +24dBu
Crosstalk	>80dB @ 1KHz >60dB @ 10KHz
IM & THD	≤ 0.05% +24dBu
Max. Source Level	+24dBu
Impedance	> 10KΩ balanced
Connector Type	Lockable 5-pin terminal block
Max. Source Level	+24dBu
Impedance	150Ω balanced
Frequency Response	20Hz to 20KHz +/-0.1dB
Connector Type	Lockable 5-pin terminal block

AES-3 Digital Audio

Data Rates	32KHz - 96KHz
Jitter	<0.025 UI p-p
Max Distance	100m
Cable	STP (Shielded Twisted Pair)
Audio Level	6V p-p for 110Ω systems
Return Loss	-30dB @ 6MHz
Minimum Input	1V p-p
Connector Type	lockable 5-pin terminal block converter panels for 110Ω systems
Audio Level	6V p-p for 110Ω systems
Return Loss	<-30dB @ 5MHz
Connector Type	Lockable 5-pin terminal block converter panels for 75Ω systems

AES-3id Digital Audio

Jitter	<0.025 UI p-p
Max Distance	100m
Audio Level	1V p-p for 75Ω systems
Return Loss	<-30dB @ 6MHz

6432E-128-U

AES-3id Digital Audio

Minimum Input	1V p-p
Connector Type	BNC converter panels for 75Ω systems
Audio Level	1V p-p for 75Ω systems
Return Loss	<-30dB @ 5MHz
Connector Type	BNC converter panels for 75Ω systems
Data Rates	32KHz - 96KHz

Control Features

Serial	2 General Purpose 9 pin-D each switchable RS-232 or RS-422 9600, 38400, 115200 baud
Protocols	SVS host, simple Kramer, and select others
Redundant Control Processor	Optional
Control Panels (Optional)	Supports SCP programmable control panels, XY & single bus control panels

General

Redundant Power Supply	Standard
Storage Temperature	-40° to +150° F
Operating Temperature	30° to 100° F ambient
Humidity	10% to 90 % non-condensing
Warranty	7 years
64x64 Audio Frames	3RU
128x128 Audio Frame	5RU
64x64 Audio Frames	19"w x 5.25"h x 19"d
128x128 Audio Frames	19"w x 8.75"h x 19"d
Power	90 VAC->240 VAC 50/60 HZ (<150 Watts) auto-detecting