

OCTASTREAM AES AUDIO MANAGEMENT

The OctaStream AES Audio Management System is a complete system for management of your digital audio signals. Consisting of delay modules (DA5315) and mixer/router modules (DA5320) housed in the S5000 Signal Management Frame and controlled by the OCP1000 control panel, the OctaStream System has the power and flexibility you need.



SYSTEM FEATURES

- Adjust delays on 8 channels (4 AES) of digital audio
- Independently adjust input gain and phase on each channel
- Swap channels across AES input pairs
- Provide constant AES outputs and conceal input errors
- Mix signals, from up to eight sources, separately, for each output
- Control basic functions via individual module controls
- Configure all parameters on a PC via included GUI
- Control operating functions via remote control panel with offline program capability
- Accepts inputs from balanced (RP302 Backplane) or unbalanced (RP303 Backplane) audio sources

MODEL NUMBERS

S5000 Signal Management Frame

CI5705 Communications Interface Module

OCP1000 Control Panel

DA5315 Delay Module

DA5320 Mixer/Router Module

OTHER OCTASTREAM PRODUCTS

DA5325 Sample Rate Converter

Prices and Specifications are subject to change without notice.



OCP1000 Control Panel

CONTROL PANEL FEATURES

- Menu-driven control structure
- Controls operation of mixer/router and delay modules
- 8 fixed function/8 redefinable function buttons
- Bypass mode available for programming off-line
- Engineering functions secured by password
- Salvo operations can be performed
- Single panel control of multiple systems
- Eight configurations can be stored for recall
- Variable brightness LED display
- Interface to system via RS422 (9-pin D-sub)
- Expansion panels added via 10Base-T (RJ45) port
- Powered by standard 9VDC/300mA power supply

SYSTEM SPECIFICATIONS

INPUTS

Type	AES3 digital audio
Number	Four (4) AES pair per module
Resolution	24 bit
Sample Rate	28.8kHz - 96kHz
Connector	75 ohm BNC - unbalanced 3-pin Phoenix - balanced

OUTPUTS

Type	AES3 digital audio
Number	Four (4) AES pair per module
Connector	75 ohm BNC - unbalanced 3-pin Phoenix - balanced

MECHANICAL

Frame	
Dimensions	2RU, 3.5"H x 19"W x 14"D
Capacity	Ten (10) S5000 Series modules
Control Panel	
Dimensions	1.7"H x 19"W x 3"D

PERFORMANCE

Delay

Increments	10 msec
Maximum Total	10 sec
Display Units	seconds, fields
Field Rates/Sec.	30, 29.97, 25, 24, 23.98

Mixer

Type	Additive, non-additive, compensating
Channels Available	8
Max.# Channels Mixed	8
Gain Range	-60dB to +12dB

COMMUNICATIONS

Input to Frame	9-pin D Sub, RS422/485
Between Control Panels	10Base-T, RJ45

POWER

Control Panel	9VDC, 300mA ext. supply
Frame	
Internal Supply	±7VDC and ±15VDC
Max. Consumption	105W

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