

**SIGNAL MANAGEMENT SYSTEM FRAME - S5000**

The S5000 signal management frame houses up to (10) 5000 Series modular products. It provides access to all modules and power supplies via the removable front door.

All connections to the modules are made via one of the three standard backplane adapters. These adapters are available for modules with AES balanced signals (3-pin screw-terminal blocks), AES unbalanced signals (BNC connectors) and SDI/HD signals (HD-BNC connectors). The standard nature of these adapters allows modules to populate any slot and to mix module functions within an adapter.

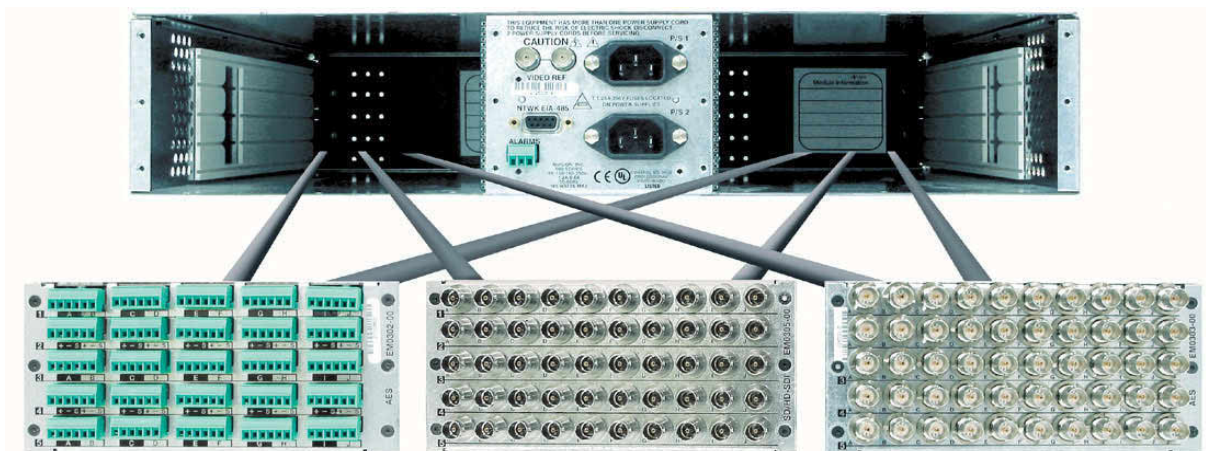
The available communications interface allows modules to report their status or have operating parameters adjusted remotely via the RS-485 port. Up to (32) frames can be controlled via a single serial port.

The S5000 Signal Management Frame houses the Sigma Octastream line of products as well as other digital audio and video signal processing and distribution modules available from Sigma Electronics, Inc.



**REAR CONNECTOR CHOICES:**

- Twisted Pair via plug-in screw-terminal blocks: RP302
- BNC for unbalanced AES audio: RP303
- BNC panel for HD and SD digital video: RP305



## **FEATURES**

- 2RU frame holds 10 modules, each with 10 connectors—ideal for high density applications
- Communications controller for external status and command—allows centralized system management
- Front-to-side airflow allows frames to be stacked without spacing—providing maximum rack utilization
- Quiet running, door mounted cooling fan—excellent cooling, easy replacement
- Module status indicators viewable with door installed—check module health at-a-glance
- All modules and power supplies are hot swappable—no need to power down for service replacement
- Redundant power supply readily fitted—never lose service from power supply failure
- Fully CE and UL compliant—meets international safety and emissions standards
- Door is completely removable—allows full unrestricted access to all modules
- Power supplies positively latch into the frame—ensures resistance to vibration for mobile applications
- Alarm outputs for power supplies—know instantly when a supply fails in redundant operation

## **SPECIFICATIONS**

### **DESCRIPTION**

Type	Rack Mount
Capacity	(10) S5000 Series card slots
Dimensions	3.5" H x 19" W x 14" D

### **INPUTS**

Type	AC mains
Number	Two (2)
Voltage	90-130/180-250VAC autoranging
Connector	3 pin IEC, filtered

### **COMMUNICATIONS**

Optional communications interface card CI5705 for external communication via RS485

### **OUTPUTS**

Type	Alarm
Number	One (1)
Level	Dry contact relay, 30VDC @ 150mA maximum
Connector	3 pin Phoenix

### **POWER REQUIREMENTS**

Internal Supply	P5000 (1 included) $\pm 7$ and $\pm 15$ VDC
Optional Supply	P5000 (request) $\pm 7$ and $\pm 15$ VDC
Max. Consumption	105W