

SupriMAX



Multiple IP Audio Codec

SupriMAX is a Multiple IP Codec in a 3U rack, which can house up to 14 IP audio modules. These IP audio modules are based on **Suprima** technology; this offers the possibility to increase the number of channels over IP provided by **Suprima**.

SupriMAX supports individual remote control of each IP audio module via embedded web server or centralized management via CCS Management Software application.

Key Features

- Configurable and scalable system.
- Modular design: Up to 14 audio IP modules.
- Hot-swappable.
- Redundant power supply.
- AES/EBU User Bit channel transportation over IP.
- Widest range of industry-standard coding algorithms.
- AES/EBU transparent mode over IP: Transportation of data signals such as Dolby E.
- Meets the initial standard for IP compatibility of the EBU group: SIP/SAP/SDP/RTP.
- Easy configuration to optimize link for low delay, jitter and utilization.
- Call facilities: Auto-redial, call scheduler and log systems.
- Automatic detection of the encoding mode.
- Independent encoder/decoder operation.



IP MODULE SPECIFICATIONS

Analog audio

- Stereo I/O
- 24 bits A/D y D/A converters
- Electronically balanced

Digital Audio

- Stereo I/O.
- AES/EBU. Up to 24 bits. Automatic rate adaption.
- Transparent mode over IP to send data instead of audio, such as Dolby E
- External clock input.
- AES/EBU U-Bit channel transportation over IP

Audio Compression

- PCM (16, 20 & 24 bits)
- G722
- G711 A/ μ Law
- MUSICAM[®] Layer II
- MPEG 1/2 Layer III
- MPEG AAC LC & LD
- Enhanced and Standard apt-XTM

LAN

- 10/100BaseTx Ethernet, connector RJ45
- Supports TCP/UDP/IP Multicast & Unicast
- SNMP, DNS, RIP, SNTTP, HTTP, IGMP, ICMP
- SIP/SAP/SDP/RTP comprising EBU standard draft

GPIO & Ancillary Data

- 4 contact closure inputs
- 4 open collector outputs
- User configurable. Remote contact closures
- 1 RS232 port for aux. data
- RJ45 connectors on front panel

Alarm System

- Monitoring of system parameters, link and decoder.
- Notification via e-mail, SNMP traps and GPO.
- NVRAM memory to store alarm information.

Dimensions

- W: 19"; H: 5.252" (3U); D: 14.3".

Power Supply

- Universal AC 110-220 VAC with option for a redundant power supply.