

Paging

High Power Paging Amplifier

IP Amplifier endpoints for Paging Speaker & Horn interface



Description:

Digital Acoustics High Power Paging Amplifiers (**IP7-SS20 & IP7-SS40**) are flexible, high-power amplifiers that can be paired directly with 8 ohm speakers, or to 70V distribution lines (with transformer).

These amplifiers provide the ultimate flexibility in designing and deploying a comprehensive paging and notification system for any building environment including: Education, Retail Spaces, Warehouses, Corporate Office Areas, Campus, Parking and more.

Features:

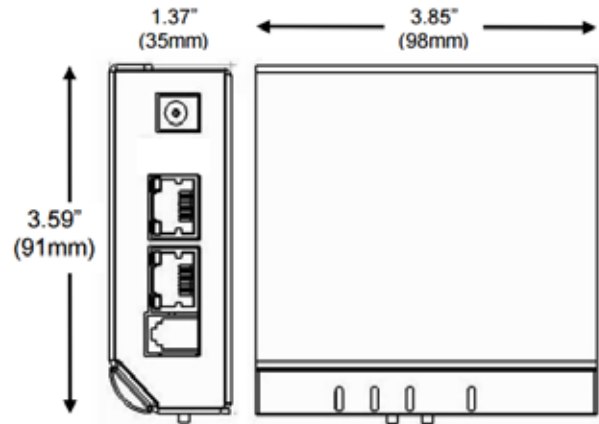
- Class D amplifier for clear, crisp audio, 20 or 40 watts available
- Power individual or zones of speakers
- Durable industrial design with DIN rail or surface mount options
- Multicast Protocol enables seamless, low-bandwidth audio
- Short circuit and thermal protection
- Deploy with TalkMaster™ Focus, VoIP telephones, custom software, or third-party applications
- Single CAT 5/5e/6 cable installation
- Powered by external 24VDC power source
- Simple configuration and flexible installation
- USB and Ethernet support for setup and diagnostics

Hardware Specifications:

Network Protocols TCP, UDP, RTP, SIP, ICMP, IGMP Multicast
Network Interface 10/100 Base-T Ethernet, Auto-MDIX
Core Technology ICC-512 50 MIPS System on a Chip
IP Address Assignment Static, DHCP
Audio Sample Rate 8k Voice - 22k Background Music
Audio Protocol 8-bit PCM/G.711 uLaw
Audio Latency <200ms Auto-Adaptive
Audio Out (8 ohms) 20 watts (IP7-SS20) or 40 watts (IP7-SS40)
Power Voltage 24VDC (both) or 24VAC (SS20 only)
Power Wattage 50 (IP7-SS20) or 60 (IP7-SS40)
Diagnostics LED Status, Temperature and Power Monitoring
Programming Flash programmable via USB, Ethernet
Fault-Management Advanced Fail-Forward™ fault detection
Connector I/O 3.81mm DIN Pluggable, RJ45, USB-B
Temperature (°C) -30~70 (Operating), -40~85C (Storage)
Size 3.85 x 3.59 x 1.37 in (98 x 91 x 35 mm)

Connection Modes:

TalkMaster™ Focus Endpoint
SIP 2.0 Endpoint
Hybrid TalkMaster™ Focus/SIP 2.0 Endpoint
Direct Mode
Singlewire Informacast



Visit www.DigitalAcoustics.com to learn about software products to complete your IP audio system.

