

## 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:

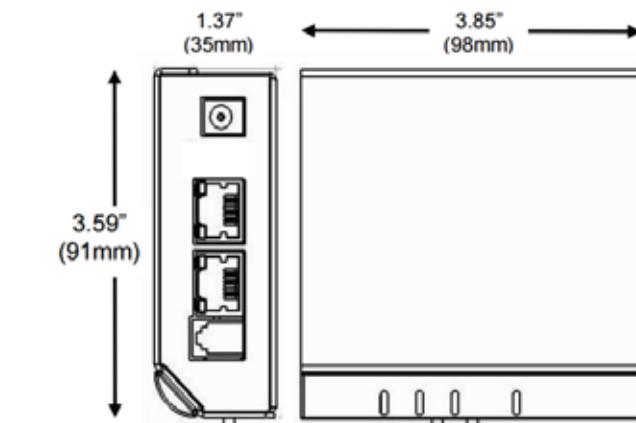
- **Class D amplifier for clear, crisp audio, 20 or 40 watts available**
- **Power individual or zones of speakers**
- **Durable industrial design with DIN rail or surface mount options**
- **Multicast Protocol enables seamless, low-bandwidth audio**
- **Short circuit and thermal protection**
- **Deploy 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](http://www.DigitalAcoustics.com) to learn about software products to complete your IP audio system.

