



Paging

## High Power Paging Amplifier

IP Amplifier endpoints for Paging Speaker & Horn interface



### Description:

Digital Acoustics High Power Paging Amplifier (**IP7-SS40**) is a flexible, high-power amplifier that can be paired directly with 8 ohmspeakers, or to 70V distribution lines (with transformer).

This amplifier provides 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:

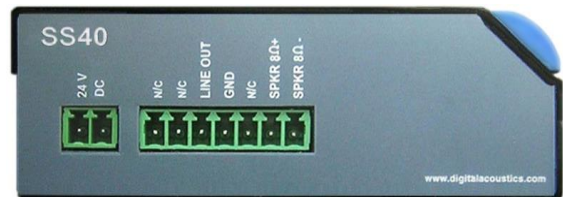
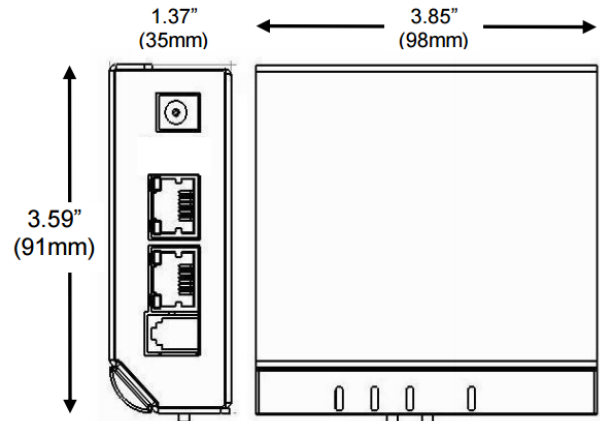
- Class D amplifier for clear, crisp audio, 40 watts available
- Power individual or zones of speakers
- Durable industrial design with DIN rail or surface mount options
- Multicast Protocol enables seamless, low-bandwidth audio
- Short circuit and thermal protection
- Deploy with TalkMaster™ Focus, 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)** 40 watts (IP7-SS40)  
**Power Voltage** 24VDC  
**Power Wattage** 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.kintronics.com](http://www.kintronics.com) to learn about software products to complete your IP audio system.

