

P/Ns:**SPKR-IPSystem-1****SPKR-IPSystem-1-VP****Paging****Box Wall Speaker**

IP-Enabled 8" Wall Speaker

**Description:**

Digital Acoustics Box Wall Speaker (**SPKR-IPSystem-1**) is a highly rugged, completely self-contained unit with a powerful 8-watt amplifier designed for use in virtually any indoor environment.

This cost effective wall speaker is ideal for business or institutional settings, to provide clear audio PA, General Announcements and Mass Notification. For example, in an educational environment, these speakers can easily be installed in classrooms, corridors, dining areas, common rooms and gyms, providing an effective solution for all PA requirements.

Features:

- **Integrated 8-Watt IP Audio Amplifier**
- **Power-over-Ethernet (PoE)**
- **Multicast Protocol enables seamless, low-bandwidth audio**
- **Enabled for half duplex 2-Way / Talk-back (speaker is also used as a microphone)**
- **Deploy with TalkMaster™ Focus, VoIP telephones, custom software, or third-party applications**
- **Single CAT 5/5e/6 cable installation**
- **One SPKR-IPSystem-1 can be used for paging and two-way talk back for rooms up to 40'x40'**
- **Also available in a heavier vandal resistant housing with security screens behind the face plate protecting the speaker. Suitable for outdoor use (SPKR-IPSystem-1-VP)**

Hardware Specifications:

SPEAKER

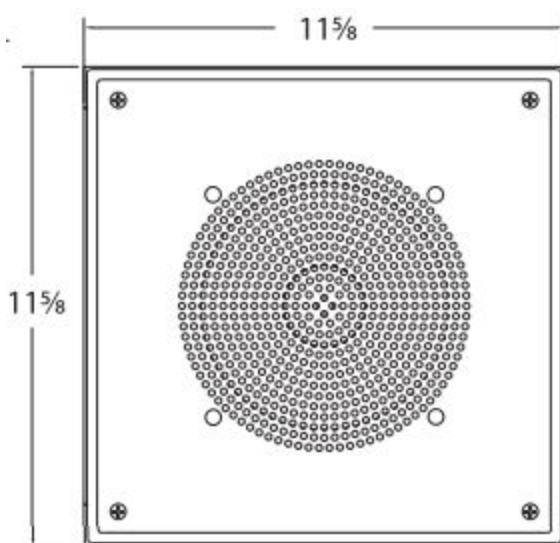
Speaker Type and Size 8 ", 8 ohm
Speaker Power Rating 15 Watts
Magnet Type and Weight BeFe Ceramic 5 oz. Nominal
Sensitivity 92 dB SPL at 1 Watt 1 Meter
Maximum SPL 101 dB SPL, 8 Watts 1 Meter
Dispersion 90 degrees Included Angle
Frequency Response 65 Hz - 17 kHz (EIA 462A)

Integrated IP7-FX

Network Protocols TCP, UDP, RTP, SIP, ICMP, IGMP Multicast
Network Interface 10/100 Base-T Ethernet, Auto-MDI(X)
Core Technology ICC-512 50 MIPS System on a Chip
IP Address Assignment Static, DHCP
Transport Bandwidth Nominal 64kbps
Audio Protocol 8-bit PCM/G.711 uLaw
Audio Latency <200ms Auto-Adaptive
Speaker Out 8 Watt
Power PoE (15.4W), 802.3af standard
Diagnostics LED Status, USB, Temperature and Power Monitoring, Remote (reporting over Ethernet)
Programming Flash (USB), Ethernet
Fault-Management Advanced Fail-Forward™
Connector I/O 3.81 MM DIN Pluggable, RJ45, USB-B, RJ10
Temperature (°C) -30~70 (Operating), -40~85C (Storage)
Size 4.12 x 11.62 x 11.62 in (105 x 296 x 296 mm)
Part Nbrs
- SPKR-IPSystem-1 (Indoor)
- SPKR-IPSystem-1-VP (Vandal Resistant, Outdoor)

Connection Modes:

TalkMaster™ Focus Endpoint
SIP 2.0 Endpoint
Hybrid TalkMaster™ Focus/SIP 2.0 Endpoint
Direct Mode
Singlewire Informacast
- Add -IC to SKU for InformaCast Support



Dimensions are in Inches

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

