



HARDWARE DATASHEET

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 gymnasiums, 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-MDIX

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

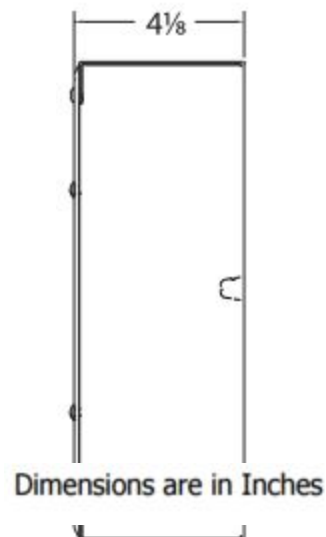
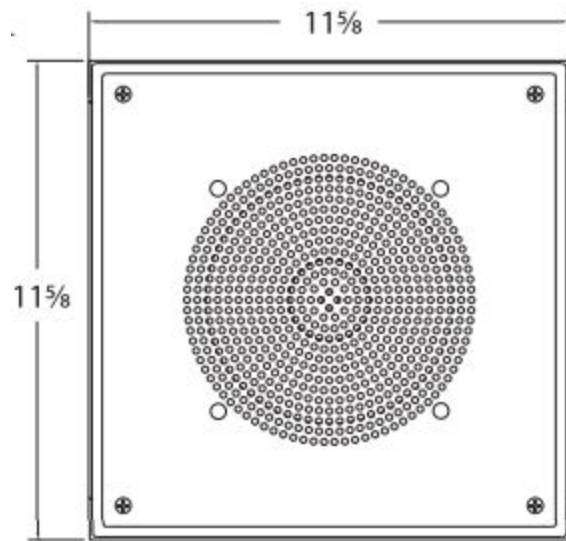
SIP 2.0 Endpoint

Hybrid TalkMaster™ Focus/SIP 2.0 Endpoint

Direct Mode

Singlewire Informacast

- Add -IC to SKU for InformaCast Support



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

