

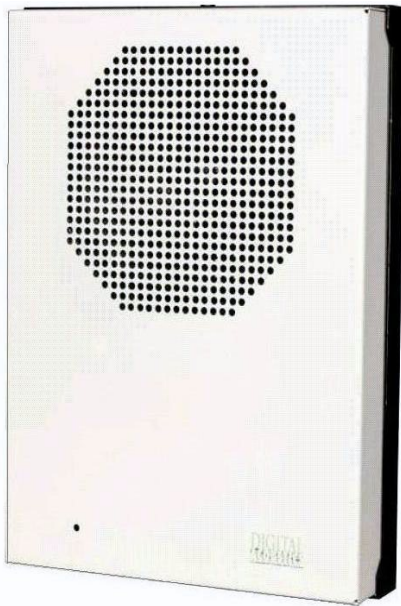


**DIGITAL
ACOUSTICS**

Paging & Intercom

Low-profile Two-way Wall Speaker

IP-Enabled 5" Speaker, Paging and Full Duplex Talk-Back and Acoustic Echo Cancellation



Description:

The Digital Acoustics Low-profile, Two-way Wall Speaker (**SPKR-IP5-FD**) is a completely self-contained unit with a powerful 8-watt amplifier and built-in microphone and echo-cancellation for clear two-way audio. The speaker is designed for PA, General Announcements and Emergency Notification for indoor environments.

These Two-way Wall Speakers are simple to install (connect to your existing Ethernet network) and provide a cost effective PA solution for any setting including Classrooms, Retail Spaces, Warehouses, Corporate Offices, and more.

Features:

- Integrated 8 Watt IP Audio Amplifier
- Microphone for two-way talk-back with Echo Cancellation
- Power-over-Ethernet (PoE)
- Multicast Protocol enables seamless, low-bandwidth audio
- Hardened surface-mount design for demanding indoor environments
- Deploy with TalkMaster™ Focus, VoIP telephones, custom software, or third-party applications
- Single CAT 5/5e/6 cable installation
- One SPKR-IP5-FD can be used for paging and two-way talk back for rooms up to 30'x30'
- Heavy duty steel with white epoxy powder coated finish

(See "Recommended Accessories" or call buttons)

Hardware Specifications:

SPEAKER

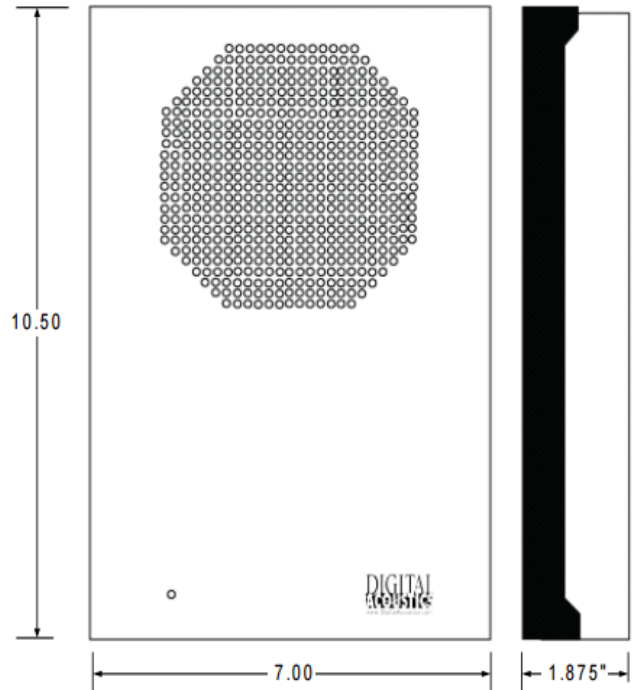
Speaker Type and Size 5 ¼", 8 ohm
Speaker Power Rating 10 watts (EIA 462A)
Magnet Type and Weight BeFe Ceramic 4.8 oz.
Sensitivity 91 dB SPL at 1 Watt 1 Meter
Maximum SPL 97 dB SPL at 4 Watts 1 Meter
Dispersion 90 degrees Included Angle
Frequency Response 100 Hz - 10 kHz (EIA 462A)
Weight 4.5 pounds
Typical Coverage 30' x 30' enclosed room

Integrated IP7-FD

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
Amplifier Type Class D, Balanced Transformerless (BTL)
Speaker Out 8 Watt
Microphone Balanced, Pseudo-Differential / AGC > 40dB
External I/O Relay: 250 VAC / 30 VDC @ 60W / 1500 VAC
Isolation; Sensor Input: External Active Low
Power PoE (15.4W), 802.3af Standard
Diagnostics LED Status, USB, Temperature & Power Monitoring
Programming Flash (USB), Ethernet
Fault-Management Advanced Fail-Forward™
Connector I/O 3.81 MM DIN Pluggable, RJ45, USB-B, RJ10
Direct Peripheral Support Mic/Line In, Speaker, PTT, Relay
(NO/NC), Sensor
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



Dimensions are in Inches

RECOMMENDED ACCESSORIES:

- PNL-CIB2** 1 Gang Call Button (Vandal Resistant)
- PNL-CIB6** 2 Gang Call Button (Vandal Resistant)
- PNL-CIB8** Door Mullion Call Button (Vandal Resistant)

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

