

## Digital Acoustics **SPKR-IP-CS** Network Speaker

IP Ceiling Tile Replacement Speaker with Talkback 2-way audio



- Full or half-duplex (user selectable)
- SIP and TalkMaster compliant
- Integrated 8 watt amplifier
- Integrated microphone for 2-way audio
- Status LED
- Standard 2.0' x 2.0' ceiling tile replacement

Digital Acoustics SPKR-IP-CS IP Ceiling Tile Replacement Speaker has been designed for high audio quality and ease of installation. The self-contained, shallow-depth speaker is lightweight for overhead installation, and will blend in with existing ceiling and mechanical grid similar to standard air vents.

The onboard 8 watt amplifier and microphone make this an ideal solution for 2-way communications as well as general/public announcements and background music.

Additional connections are available for: external call button, second (analog) speaker, and external microphone. This flexibility provides a best-in-class experience for network-based audio deployments.

## Hardware Specifications:

### SPEAKER

**Type and Size** 8 Ohms, 8" O.D. speaker

**Maximum Power Rating** 15 Watts

**Magnet Type and Weight** BeFe Ceramic 5 oz. Nominal

**Sensitivity** 92 dB SPL at 1 Watt 1 Meter

**Maximum SPL** 103 dB SPL

**Dispersion** 90 degrees Included Angle

**Frequency Response** 65 Hz - 17 kHz (EIA 462A)

### MICROPHONE

**Pattern** Omnidirectional

**Sensitivity (dB)** -44 +/-2dB

**Frequency Response (Hz)** 20-20k

**S/N Ratio (dB)** >60

### NETWORK

**Protocols** TCP, UDP, DHCP, SIP, IGMP Multicast.

**Interface** 10/100 Base-T Ethernet, Auto-MDIX

**Core Technology** ICC-512 50 MIPS System on a Chip

**IP Address Assignment** DHCP, Static

**Audio Protocols** 8K uLaw. Background music at 22K uLaw

**Power** PoE (15.4W) or External 12VDC @ 1.2 Amps

**PoE Standard** 802.3af

**Diagnostics** LED Status, USB

**Programming** Ethernet, Flash (USB)

**Temperature (°C)** -30~70 (Operating), -40~85C (Storage)

### CONNECTIVITY

TalkMaster™ Focus Endpoint

SIP 2.0 Endpoint

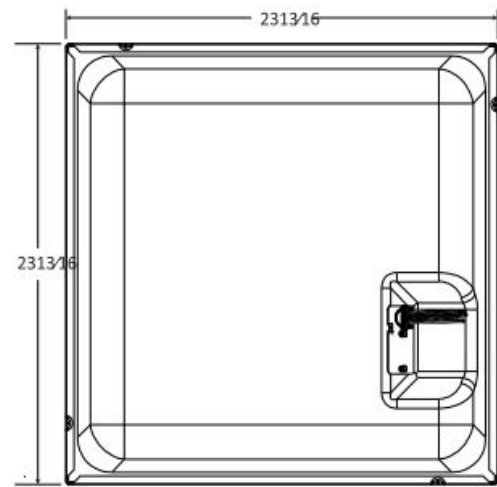
Hybrid TalkMaster™ Focus/SIP 2.0 Endpoint

Direct Mode

OPTIONAL Singlewire Informacast



### Dimensions



Dimensions are in Inches

Visit [www.DigitalAcoustics.com](http://www.DigitalAcoustics.com) to learn about software products to complete your IP audio system.

