Two-Way Ceiling Speaker (PART NUMBER: EA2WCS)



The EverAlert Ceiling Speaker provides two-way SIP communication, standard paging, and background music via multicast. The speaker connects to a PoE switch with a single CAT5/6 cable and features a shallow depth for mounting in standard 2″ x 4″ stud walls or ceilings.

An auxiliary switch input allows a hard-wired wall button to initiate a SIP paging call. A momentary press initiates a standard call, while holding the button for 3 or more seconds initiates an emergency call. The EA2WCS LED can be programmed to blink during call activity.

An integrated microphone enables two-way communication and monitors room noise to automatically increase speaker volume when needed. Line-level audio output connects to an external amplifier, while the built-in 6-watt Class D amplifier can drive additional 8 Ohm analog speakers. A programmable relay output can activate door locks, strobe lights, external amplifiers, and other devices.

FEATURES

- PoE powered (class 3, <13 Watts)
- Paging prioritization
- Plays audio from multicast
- SIP endpoint or multicast group member
- Supports up to 10 multicast paging groups
- Support for a strobe light
- Blue call status LED indicator
- SIP compliant
- Automatic Noise Canceling (ANC) feature for operation in noisy environments
- Automatic switching eliminates the need for “Push to Talk” mode
- Selectable auto-answer feature for monitoring
- Built-in high efficiency 6 Watt class D amplifier
- Relay for activating door locks, strobe lights, external amplifiers, etc.
- SIP / Multicast: SIP page, SIP page and zoned multicast stream, zoned multicast receive
- Support for access code to prevent unwanted SIP calls
- Line-level audio output for connecting to an external amplifier
- Hangs up on: busy signal, time-out, or touch tone command
- Network remote speaker volume control
- Can drive additional external analog speakers for greater coverage
- Mounting: Blind mounts into 9.5″ hole, clearance requirement of 3.45″ (87.3mm) above 0.5″ gypsum board ceiling
- Heavy duty back box protects speaker and circuitry against plenum dust
- Automatic Gain Control (AGC) to automatically increase ring volume to compensate for ambient noise
- Diagnostics for testing microphone, speaker, and relay

ORDERING INFORMATION

Part #	Description
EA2WCS	Two-Way Ceiling Speaker

At American Time, we continually strive to improve our products to meet our customers’ needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.
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