

Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

CROSSWAYS-ONE™ SOUND MASKING SYSTEM

Standard Speaker Specifications – Model #BP2 - Plug and Play



When a direct fired speaker or system is required due to site conditions or application need, the CrosswaysOne™ system provides the highest level of sound quality and adjustability. CrosswaysOne™ offers a commercial grade direct fired system using higher quality construction and sound quality than competitive systems.

Tunable by hand-held remote and available in standard and larger speaker sizes. CrosswaysOne™ offers wider sound dispersion, better sound uniformity and greater sound quality.

Random sound masking source, coupled with Lencore's E-Sound™ technology provide capabilities for:

- Attenuation Adjustments: 96 in ½ dB steps
- Contour Adjustments: 29 steps

Installation is simplified using plug and play Cat 5e cable with standard RJ12 connections. The CrosswaysOne™ speaker is equipped with dog ear screw adjustments and a locator pin to insure a smooth installation in ceiling tile or gypsum board.

TECHNICAL SPECIFICATIONS

Speaker Enclosure:

Speaker Body: ABS Plastic
Grill: Metal screen, white with perforated 3.5" grill
Overall diameter - 4.5"

Speaker Coverage: 100 sq. ft. (assuming a 10' speaker separation)

Loudspeaker:

Power Rating: 3 watts
Frequency Response: 250 Hz to 20 kHz
SPL for Masking Output: 30-78dBA
Impedance: 32 Ohms
Resonant Frequency in Enclosure: 247 Hz
Resonant Frequency out of Enclosure: 250 Hz ± 20%
Weight: 112g (4 oz)
Cone: Paper Cone w/Foam Edge

General Specifications:

Paging Input: Via Platform
Power Requirement: Powered by Platform
Output Adjustment: N/A

Speaker Wire Requirements:

All wire must be plenum rated and UL listed.
Speakers use Cat 5e, 3 twisted pair and RJ12 connectors.
Crossover wire: Pin 1 to Pin 6, Pin 2 to Pin 5, etc.

Other System Wire Requirements:

16 gauge, plenum rated, stranded, 2-conductor wire (for power supply to Platform).

System Power Supply: 48VDC, 150W for 192 speakers.

Installation:

Assembly to fit into a round hole, cut into ceiling tile or gypsum.
Three mounting locks spaced equidistant apart have secure screws for mounting.

Other Systems Also Available

Spectra i.Net™ (Networked), Spectra® , CrossNetOne™ (Networked)

In-plenum and direct fired
all available with page/music.