

CROSSNET-ONE™ SOUND MASKING SYSTEM

Standard Speaker Specifications – Model #CN-BP2- Plug and Play



When a networked direct field speaker or system is required, the Lencore CrossNetOne™ system provides the highest level of sound quality and adjustability and offers the ability for network control. Through the system's managing software, zones can be created and modified for masking and paging. On-going changes and additions to zones can all be handled through the network interface without the need to rewire the system.

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 CrossNetOne™ 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 BP-Net
Power Requirement: Powered by BP-Net
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 BP-Net).

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® , CrosswaysOne™

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