

Lencore

THE LEADING MANUFACTURER OF SOUND MASKING AND ACOUSTICAL PANEL SOLUTIONS.

A GREAT SOUND MAKES NO NOISE®

LENCORE CROSSWAYS™ SOUND MASKING SYSTEM

**Direct Field Speaker – Large Speaker Specifications – Overall diameter 8”
Model BP3 – Plug and Play**

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

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

Multiple random sound masking sources, coupled with Lencore’s E-Sound™ technology provide capabilities for:

- Masking 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 Crossways™ speaker is equipped with dog ear screw adjustments to insure a smooth installation in ceiling tile or gypsum board.



In certain applications and site conditions, a direct field speaker may be necessary. Lencore provides this option with all of its sound masking systems.

TECHNICAL SPECIFICATIONS

Speaker Enclosure:

Speaker Body: Aluminum Housing
Grill: Metal screen, white with perforated 6.8” grill
Lightweight Mounting Chain

Height: 6”; Width: 6”; Weight: 3 lbs.
Overall Diameter – 8”

Speaker Coverage:

144 sq. ft. (assuming a 12’ separation)

Loudspeaker:

5-inch wide dispersion
Power Rating: 10 watts RMS
Frequency Response: 50 – 12,000 Hz
SPL for Masking Output: 36-86dBA
Impedance: 32 Ohms
Resonance: 80 Hz
Magnet Weight: 10 oz.
Magnet Structure Weight: 26 oz.
Cone: Formed Fiber
Cone Suspension: High Compliance Foam
Voice Coil: 1-inch diameter
Voice Coil Form: Anodized Aluminum

Masking/Paging Units are UL Listed
for use in air handling spaces

General Specifications:

Paging Input: via BP
Power Requirement: Powered by BP
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.

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

Other System Wire Requirements:

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

Installation:

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

Other Systems Also Available

Spectra i.Net™ (Networked) Spectra® (Networked), CrossNet™ (Networked),
Crossways™

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