

# Lencore

THE LEADING MANUFACTURER OF SOUND MASKING SYSTEMS.

A GREAT SOUND MAKES NO NOISE®

## CROSSWAYS-ONE™ SOUND MASKING SYSTEM

### Large Speaker Specifications – Model #GP3gsa - Plug and Play



CrosswaysOne's™ large direct field speaker plugs into the Model #GP1gsa Platform to distribute 6" wide dispersion sound masking, page/music within the office environment. These speakers can be arranged to create zones and each zone can be independently adjusted for volume and contour with unprecedented flexibility. Speakers are oriented directly into the space and each speaker typically provides coverage for up to 225 square feet. These direct field speakers contain decorative speaker grilles that enhance the speaker appearance.

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 than competitive systems.

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 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"  
Closure Diameter: 6"  
Weight: 3 lbs.

### Speaker Coverage:

Up to 225 sq. ft.

### Loudspeaker:

6-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

### 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.

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

### Other System Wire Requirements:

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

### 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® , CrossNetOne™ (Networked)

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

Platform Units are UL Listed  
for use in air handling spaces