

CROSSWAYS-ONE™ SOUND MASKING SYSTEM

Wire Specifications

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. With its higher quality construction, 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 small 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



CrosswaysOne™ Direct Fired Sound Masking System uses plenum rated, UL listed, standard cable and connectors to wire the system and speakers. Phone jack style connectors are integrated into each speaker and Platform enabling the installer to simply "plug in" the connections saving installation time and ensuring a cleaner installation. The typical run for the data wire from Platform to Platform should be 125 feet. The wire runs between floors may be longer. Verify site conditions. The average wire length needed is 12-15 feet per speaker, for speaker to speaker runs (depending upon speaker location) and 25' from the Platform to the first speaker on a channel.

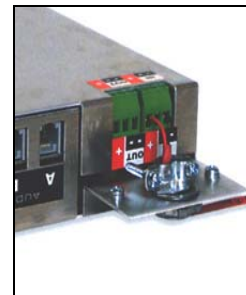
TECHNICAL SPECIFICATIONS

Wire Specifications:

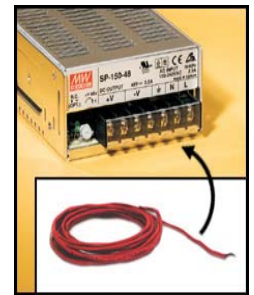
- All wire must be plenum rated
- Cat 5e, 4 pair, twisted, 24 gauge, stranded – Platform Wire (straight)
- Cat 5e, 3 pair, twisted, 24 gauge, stranded – Speaker to Speaker Wire (crossover)
- 16 gauge, 2-conductor stranded – Power Supply to Platform Wire

Connector Specifications:

- Connectors for data wires are standard RJ45 – 4 pair (8 wires)
- Connectors for audio wires are standard RJ12 – 3 pair (6 wires)



16 gauge, 2 conductor



16 gauge, 2 conductor



Cat 5e 4 pair (data)



Cat 5e 3 pair (audio)



Cat 5e 3 pair (audio)

Other Systems Also Available
Spectra i.Net™ (Networked), Spectra®
CrossNetOne™ (Networked),

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