

## LENCORE SOUND MASKING SYSTEM

### Desktop Sound Masking Unit - Model LDT6

The Lencore Spectra® Desktop Sound Masking Unit is the most sophisticated unit of its kind for providing speech privacy in home offices, small waiting areas and for locations where it is difficult to install sound masking in the ceiling or plenum. It helps create speech privacy by generating a comfortable back ground sound. The Desktop Sound Masking Unit consists of an individual self-contained noise generator, audio amplifier, loud speaker, and power supply unit in a white damped metal enclosure. It is powered by an internal transformer with a 120 VAC plug (Plug-in can be configured for international use). Adjustments can be made by a small screwdriver (provided), to the contour and volume control.



The Desktop Sound Masking Unit can be uniquely adjusted to suit a variety of room conditions by making adjustments to the amplitude and spectra shapes. This adjustment can be made in increments of +/- ½ dB. In addition, the system has the adjustment capability to provide the most unobtrusive sound while obtaining the maximum speech privacy that meets ASTM E-1 130 standards for speech privacy and sound uniformity. The spectrum shape adjustment ranges from 1 dB at 125 Hz to 20 dB at 8,000 Hz (typical). Range of sound level: 41-86 dBA.

## TECHNICAL SPECIFICATIONS

### Speaker Enclosure:

Speaker Body: Aluminum Housing  
Grill Cover: Galvanized Perforated Grill  
Speaker enclosure: Painted White

Height: 6"  
Diameter: 6"  
Weight: 3 lbs.

### Loudspeaker:

5-inch wide dispersion  
Power Rating: 10 watts RMS  
Frequency Response: 50 – 12,000 Hz  
Impedance: 16 Ohms  
Resonance: 82 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:

- Power Requirement: 120 V AC, 60 Hz at 100 mA
- System can be tuned to +/- ½ dB

### Electrical Requirement

- 120 V outlet.
- Plug-in can be configured for international use.

Units are UL Listed

### Other Systems Also Available

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

In-plenum and Direct Field  
All are available with paging/music.