

SPECTRA®

PRODUCT SHEET & SPECIFICATIONS

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 and comfort 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 to the contour and volume control.



The Desktop Sound Masking Unit can be uniquely adjusted to suit a variety of room conditions by customizing the frequencies and volume required. This adjustment can be made in increments of $\pm 1/2$ 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-1130 standards for speech privacy and sound uniformity. The frequency adjustment ranges from 1 dB at 125 Hz to 20 dB at 8,000 Hz (typical). Range of sound level: 41-86 dBA.

This professional model is the same as the units used in over 200 million sq. ft. of commercial office environments.

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 $\pm 1/2$ 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)

In-plenum and Direct Field

All are available with paging/audio.