



art of entertainment

## INVISIBLE SYSTEM SPECIALIST

### TWO-WAY INVISIBLE IN-WALL OR IN-CEILING LOUDSPEAKER: LR8

#### ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The loudspeaker shall be a two-way, full-range device, producing frequencies from 40Hz to 20kHz. The total radiating surface shall be 352 sq. in (894 sq. cm) and high frequency dispersion shall be a nominal 170 degrees in both horizontal and vertical planes. The loudspeaker system shall have a sensitivity of 80 dB, 1 watt / 1 meter, with a capacity of 120 watts RMS according to EIA standard RS-426-A. The loudspeaker shall have two independent self-resetting protection devices, one each for the high-frequency driver and the low-frequency driver.

The loudspeaker shall fit into walls and ceilings with wood or steel stud construction and a standard 3-1/2" (89 mm) depth cavity. The loudspeaker shall mount directly to the structural framing and have the capability of seamlessly adjoining 3/8" (9.5 mm) or thicker gypsum wallboard. The minimum distance between framing members shall be 9-1/2" (241 mm). Face panel finishing methods shall be consistent with normal gypsum wallboard finishing techniques and may include latex paint, light wallpaper, light fabric and approved texture, plaster, and veneer finishes.

The loudspeaker shall be the Stealth Acoustics Model LR8 and shall carry a 5-year manufacturer's warranty.



#### PRODUCT SPECIFICATIONS

- **Frequency Response:**  
40Hz to 20kHz
- **Power Capacity:**  
120 watts RMS  
60 watts minimum recommended power
- **Protection:**  
Two independent self-resetting devices (low and high frequency)
- **Sensitivity:**  
80 dB (1 watt / 1 meter)
- **Driver Components:**  
High frequency: One 1" neodymium motor  
Low-frequency: One 1.5" voice coil, one 8" woofer  
Magnet: One ceramic 20 oz.
- **System Impedance:**  
8Ω nominal
- **Polar Dispersion:**  
170 degrees vertical and horizontal
- **Dimensions:**  
Width: 15-7/8" (403 mm)  
Height: 22" (559 mm)  
Mounting Depth: 3-1/4" (83 mm)
- **Product Weight:**  
13 lbs. (5.9 kg)
- **Shipping Weight:**  
28 lbs. (12.7 kg) per pair  
14 lbs. (6.4 kg) per single
- **Included Accessories:**  
Mounting shims  
Mounting screws  
Terminal wrench
- **Optional Accessories:**  
PS-8 PlaceSaver™  
8400 Stealth Acoustics 8-Channel Amplifier  
BX-22 MDF Acoustic Back Box  
MBX-22 UL Listed Metal Back Box  
MBA-22 UL Listed Metal Back Box - Adjustable  
SK-1 Shim Kit  
100, 75 and 25 volt Constant Voltage Transformers

# AOE

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