



## System 21 Ceiling Speaker Assembly w/ Black Box

### BENEFITS

- High-quality 8" loudspeaker
- 25V transformer, grill and back box
- Attractive white finish
- Includes Blind Mounting hardware
- Installs Easily to Save Time and Labor

Tech Works Model System 21 is a complete cost, effective, assembly that includes a high-quality 8" loudspeaker, 25V transformer and perforated steel grill. This unit is made to "Blind Mount" in to hard ceilings. The package includes a UL listed back box and mounting rails so that the installer can cut a round hole in an existing ceiling, connect the wires, and push the speaker up into the hole.

The System 21 features a conventional cone design loudspeaker with a 1" diameter voice coil to reproduce voice and music with excellent response and superb overall performance.

The System 21 includes a factory mounted 25V transformer. The 25-volt audio transformer has taps in 3 dB increments from ¼ watt to 5 watts.

The System 21 comes complete with a UL Listed metal enclosure for plenum rated ceilings and all mounting hardware.

### Design Information

**Width - 12-1/4"**

**Depth - 4-1/16"**

**Shipping Weight - 7 lbs.**

**Frequency Response - 60 Hz - 17K Hz**

**Power Taps - 0.312, 0.625, 1.25, 2.5, 5.0 Watts**

**Speaker Type - 8" Cone**

**Dispersion - 90°**

**Sensitivity-102 dB SPL, 5W/1M**

### Architects' and Engineers' Specifications

The ceiling mounted loudspeaker shall be a 12-inch round white ceiling panel with perforated steel grille. The ceiling speakers shall include an eight inch cone loudspeaker with one inch voice coil, a 25 volt audio transformer with taps at 6dB increments from ¼ to 5 watts, a composite fire rated enclosure, ceiling blind mounting rails, and be covered with a white epoxy finished grill. The unit shall provide a frequency response of at least 60 Hz to 17,000 Hz, ± 1.5dB with a sensitivity of at least 102dB, 5 watts, 1 meter. The Ceiling Mounted Loudspeaker shall be Tech Works System 21.

# Tech Works™



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