

Architectural & Engineering Specifications

8081-CS 2x2 Ceiling Loudspeaker

The unit shall have frequency response of at least 48-20,000 HZ +/- 3 db. It shall have sensitivity of at least 92 db 1 watt/1 meter. Power capacity shall be 50 watts continuous sine wave and 100 watts music/voice program. The nominal impedance shall be 8 ohms. Dispersion shall be at least 110 degrees up to 6000 HZ. It shall employ one KSI 100 watt 8" bass mid transducer, one KSI 80 watt 1" titanium dome high frequency transducer, and one KSI 10" passive radiator. Electrical input shall be made with a hardwire connection. The unit shall have dimensions of 23.625" H by 23.625" W by 5.5" D. It shall mount in a standard 2x2 ceiling grid. The visible grille shall be finished with flame retardant acoustically transparent fabric and be white in color. The weight shall not exceed 25 pounds. All proprietary KSI fabrication techniques shall be employed to maximize performance and reliability. The model shall be known as the KSI Series III 8081-CS. When the suffix FR is added to the model number, the backbox shall be fabricated from fire retardant particle board. The fire retardant model shall be known as the KSI Series III 8081-CS-FR.

8081-CS-HP 2x2 Ceiling Loudspeaker

The unit shall have frequency response of at least 45-20,000 HZ +/- 3 db. It shall have sensitivity of at least 93 db 1 watt/1 meter. Power capacity shall be 125 watts continuous sine wave and 200 watts music/voice program. The nominal impedance shall be 8 ohms. Dispersion shall be at least 110 degrees up to 6000 HZ. It shall employ one KSI 200 watt cast frame 8" bass mid transducer, one KSI 100 watt 1" horn loaded fabric dome high frequency transducer, and one KSI 10" passive radiator. Electrical input shall be made with a hardwire connection. The unit shall have dimensions of 23.625" H by 23.625" W by 5.5" D. It shall mount in a standard 2x2 ceiling grid. The visible grille shall be finished with flame retardant acoustically transparent fabric and be white in color. The weight shall not exceed 28 pounds. All proprietary KSI fabrication techniques shall be employed to maximize performance and reliability. The model shall be known as the KSI Series III 8081-CS-HP. When the suffix FR is added to the model number, the backbox shall be fabricated from fire retardant particle board. The fire retardant model shall be known as the KSI Series III 8081-CS-HP-FR.