

8081-CSHP

Series III 2x2 High Performance Grid Ceiling Mount Loudspeaker

- Superior Sound Quality
- Fast & Easy to Install
- Fully Assembled



The 8081-CSHP looks great in any 2x2 ceiling. KSI's acoustically transparent grille blends with any decor.

The **KSI 8081-CSHP** 2x2 grid ceiling mount loudspeaker is a high performance high fidelity loudspeaker designed for today's digital environment. The unique and innovative design of the **8081-CSHP** makes it a perfect choice for high end corporate, government, retail and any installation demanding superb sound quality with pleasing architectural appearance.

The **8081-CSHP** offers smooth midrange performance with powerful bass response through the use of our cast frame 8" bass mid transducer and optimally tuned passive radiator. Our 8" transducer features a lightweight mica filled cone providing exceptional voice and music intelligibility. High frequencies are handled by our 25mm horn loaded dome tweeter. This high end transducer provides very smooth upper octave response for an "open" sound quality with wide dynamic range. Components in a crossover should not be heard, so **KSI** engineers designed a filter network using high tolerance devices which are inaudible at the crossover frequency. This careful attention to detail has led to a loudspeaker with outstanding clarity and coherence along with very wide frequency response and high power capacity. To further enhance the low frequency and midrange reproduction of the **8081-CSHP**, we have re-engineered the backbox to feature our anti-resonance fabrication. This construction technique utilizes our state of the art CNC machinery to give us an incredibly strong, vibration free and low weight enclosure, greatly improving the sound quality over the entire spectrum.

All **KSI ceiling and wall mount loudspeakers** may be used in combination with the **8081-CSHP**, providing unlimited solutions for your audio environment. As an option for installations requiring a fire retardant product, all **Series III ceiling loudspeakers** are also available fabricated from UL listed fire retardant particle board. All **KSI** loudspeakers are completely assembled, saving you precious time and money for fast and easy installation.

KSI's full selection of transformers & accessories make it easy to complete your installation!!



Specifications

Frequency Response	45-20,000 HZ +/- 3 db
Sensitivity	93 db (1w/1m)
Power Capacity, watts	125 RMS; 200 Program
Crossover Frequency	3500 HZ @ 12db/octave
Nominal Impedance	8 ohms
Nominal Dispersion	At least 110 degrees up to 6000 HZ
Low Frequency Transducer	8" cast frame 1-1/2" voice coil
High Frequency Transducer	1" horn loaded fabric dome
Tuning	10" passive radiator
Enclosure Type	Optimally vented
Enclosure Dimensions	23-5/8" h x 23-5/8" w x 5-1/2" d
Enclosure Construction	1/2" particle board w/internal stiffeners
Finish	White grille w/black backbox
Electrical Input	Hardwire input
Weight	28 lbs.
Options	25 & 70.7 volt transformers UL Fire rated particle board



KSI Professional

3500 Parkdale Ave., Baltimore, MD. 21211 410-383-2167