

Quam

Model 8C5PAX Eight Inch Dual Cone Loudspeaker



Features

- Metal parts are coated with baked hybrid epoxy for durability
- 10 watt power handling
- Configurations available with pre-mounted transformer and baffle
- In stock for immediate shipment

This loudspeaker meets the needs of a broad range of commercial background music reproduction systems. A hard fiber "whizzer" cone provides extended

high frequency response with fine clarity, while the molded fiber moisture resistant main cone provides excellent mid and low range frequency response.

SPECIFICATIONS MODEL 8C5PAX

Speaker Size	8 Inch
Power Rating	Ten Watts RMS (EIA 426A Standard)
Frequency Response	65 Hz - 17 KHz
Resonant Frequency	95 Hz
Nominal Impedance	8 ohms
Magnet type and weight	Barium ferrite ceramic; 4.8 Oz.
Flux Density	9,500 Gauss
Sensitivity (1 watt 1 meter)	98 dB SPL
Dispersion (half space @ 2 KHz - 6 dB down point)	65 Degrees Off Axis
Depth (less transformer)	2-3/4 inches

ASSOCIATED ACCESSORIES REFER TO TECH-SHEET TS-

Transformers	TS-14B
Baffles	TS-42, TS-18, TS-41, TS-43A, TS-33A, TS-44A
Tile Support Bridge	TS-25
Enclosures	TS-37B, TS-28A, TS-50, TS-47
Assemblies	TS-51

Architects & Engineers Specifications

The Loudspeaker shall be a Quam 8C5PAX or approved equal. Loudspeakers shall be 8" diameter molded fiber cone type with a propagator mounted directly to the voice coil assembly (dual cone type). All metal parts inclusive of the voice coil gap shall be coated with baked hybrid epoxy. The loudspeaker shall use a 4.8 ounce barium ferrite ceramic magnet that develops a flux density of 9,500 Gauss minimum. The frequency response shall be 65 - 17 KHz. Power handling capability shall be ten watts RMS per EIA standard 426A. Voice coil diameter shall be 3/4" and

shall exhibit a nominal impedance of eight ohms. The loudspeaker basket shall include mounting provisions for constant voltage transformers with standard hole centers at 1.983, 2.390, and 2.720 inches. The loudspeaker shall mount with four holes spaced equally at 90° on an industry standard 7-5/8 inch bolt circle. Loudspeaker sensitivity shall be 98 dB SPL referenced to one watt of input signal measured at a distance of one meter. The polar dispersion shall be no more than -6 dB down at 2 KHz at 65 degrees off axis as referenced to a half space measurement.



Quam-Nichols Company

234 East Marquette Road • Chicago, IL 60637
(773) 488-5800 • FAX (773) 488-6944