Quam

8C10PAX
8” Dual Cone Loudspeaker

This loudspeaker provides excellent performance and value for commercial background music, foreground music and distributed public address applications. It is available in factory assembled transformer and baffle configurations for shipment within 24 hours. (Associated accessories are listed below.)

Features

- **Metal parts are coated with baked hybrid epoxy for durability.**
- **Conservative power rating at published industry standard (EIA 426A)**
- **Configurations available with pre-mounted transformer and baffle.**
- **In stock for immediate shipment.**

SPECIFICATIONS MODEL 8C10PAX

SPEAKER SIZE	8 INCH
POWER RATING	18 WATTS RMS (EIA 426A STANDARD)
FREQUENCY RESPONSE	60 HZ - 16 KHZ
RESONANT FREQUENCY	90 HZ
NOMINAL IMPEDANCE	8 OHMS
MAGNET TYPE AND WEIGHT	BARIUM FERRITE CERAMIC; .26 KILOGRAMS
FLUX DENSITY	10,500 GAUSS
AVERAGE SENSITIVITY (1 WATT, 1 METER)	97 DB SPL
DISPERSION -6 dB DOWN Pt. (HALF SPACE @ 2 KHZ)	50 DEGREES **OFF AXIS**
DEPTH (LESS TRANSFORMER)	3 INCHES

ASSOCIATED ACCESSORIES	**REFER TO TECH-SHEET TS-#**
TRANSFORMERS	TS-14B
BAFFLES	TS-18, TS-41A, TS-43A, TS-33A, TS-44A
TILE SUPPORT BRIDGE	TS-25
ENCLOSURES	TS-37B, TS-28B, TS-50, TS-47
ASSEMBLIES	TS-52

Architects & Engineers Specifications

The Loudspeaker shall be a Quam 8C10PAX or approved equal. Loudspeakers shall be 8” diameter molded fiber cone type with a propagator mounted directly to the voice coil assembly. All metal parts inclusive of the voice coil gap shall be coated with baked hybrid epoxy. The loudspeaker shall use a .26 Kilogram barium ferrite ceramic magnet that develops a flux density of 10,500 Gauss. The frequency response shall be 60-16 KHz. Power handling capability shall be eighteen watts RMS per EIA standard 426A. Voice coil diameter shall be one inch and shall exhibit a nominal impedance of eight ohms. The loudspeaker basket shall include mounting provisions for constant voltage transformers with hole centers at 1.983, 2.390, 2.720 inches. The loudspeaker shall mount with four holes spaced equally at 90^0 on an industry standard 7-5/8 inch bolt circle. Loudspeaker sensitivity shall average 97 db SPL minimum referenced to one watt of input signal measured at a distance of one meter. The polar dispersion shall be no more than -6 db at 2 KHz at 50 degress off axis as referenced to a half space measurement.

Quam

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

Sponsor NSCA National Systems Contractors Association

Member EIA