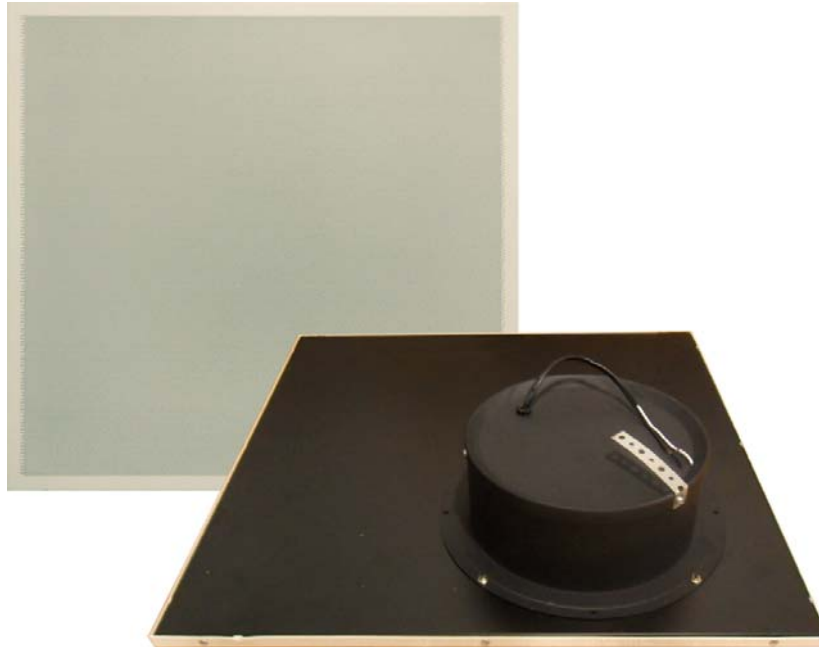




AMK Commercial Series

SQ Series

8" Coaxial Loudspeaker on 2'x2' Grille



AMK SQ Series speaker assemblies provide quality performance, unobtrusive appearance, and easy installation in suspended ceiling applications. Systems include a choice of factory wired driver mounted to a fine perforated grille 2' x 2' with wired transformer and factory mounted 4" deep protective backbox. They are shipped ready to install and require no speaker cut-outs in the tile or time consuming assembly.

2' x 2' Systems are designed to replace a standard 2' x 2' tile and are supported by the T-bar grid. Assemblies include a factory wired speaker/transformer mounted to a 2' x 2' subplate with a fine-perforated grille and mounted BC8-4-style protective backbox. The backbox is offset to one side of the 2' x 2' grille allowing it to be rotated in the ceiling to install around plenum obstructions. For fast connection, speaker leads exit through a metal clamp.

System Drivers include AMK's 8" coaxial Model **CX801 (20W)** or **CX 802 (40W)** coaxial speaker drivers. Each is designed and manufactured to assure consistent performance with clear intelligibility and wide dispersion. Assemblies include a factory wired 70V transformer. Detailed performance data is outlined on each component's specification sheet.

Architectural Grilles feature a fine perforated pattern for a clean unobtrusive appearance. Grilles are engineered to provide maximum free-air space for excellent speaker sound transmission while achieving virtually invisible presentation of the speaker in new or exiting tile ceilings. 2' x 2' grilles simply replace a 2' x 2' tile. All are formed from perforated steel and finished in white powder epoxy for long lasting appearance.

Features

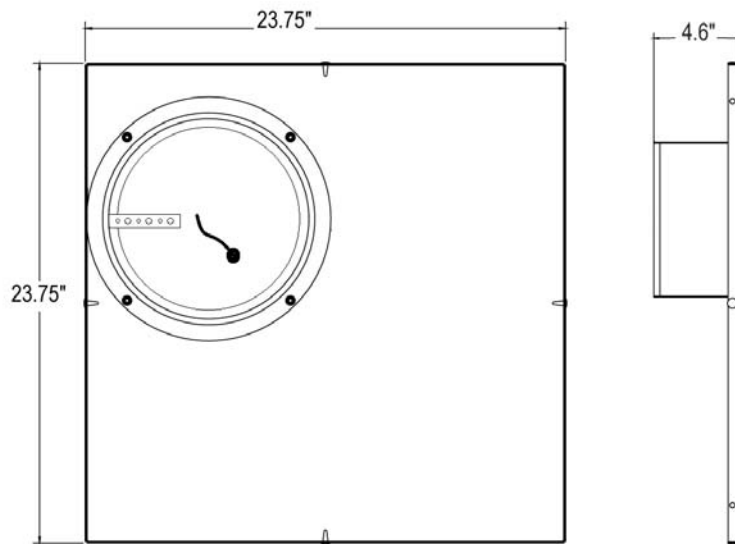
- * Systems install quickly into suspended tile ceilings and are supported by the T-bar grid.
- * Systems include a wired speaker, transformer, grille, and 4"D BC8-4-style protective backbox.
- * Fine perforated grilles blend with ceiling tiles and provide excellent acoustic transparency.
- * Speaker selection includes 8" coaxial and dual cone drivers with 70V transformer.
- * Also available with volume backbox and 50-100W 8" driver or 4" (15W) or 6" (40W) driver.

Model Options

Model	Driver	Transformer (Taps)	Grille	Backbox
SQ 801	CX 801	NONE	Fine perforated, CRS, white	BC84--Style
SQ801T70V15W	CX 801	T70V15W (15W, 10W, 5W, 2.5W)	Fine perforated, CRS, white	BC84--Style
SQ802	CX 802	NONE	Fine perforated, CRS, white	BC84--Style
SQ802T70V15W	CX 802	T70V15W (15W, 10W, 5W, 2.5W)	Fine perforated, CRS, white	BC84--Style
SQ802T70V30W	CX 802	T70V30W (30W, 20W, 10W, 5W)	Fine perforated, CRS, white	BC84--Style

Driver Model	Size	Power Rating	Types	Magnet	Frequency Response	Dispersion at 2K	Impedance	V.C. Diameter	SPL @ 1m/1w
CX 801	8"	20W	Coaxial	10 oz.	85 - 20k Hz	104 deg.	8 Ohms	1.0 "	90 dB
CX 802	8"	40W	Coaxial	20 oz.	65 - 20k Hz	110 deg.	8 Ohms	1.15"	91 dB

Drawing Measurements



Loudspeaker Drivers



CX 801



CX 802

Architect's & Engineer's Specifications

The speaker system for suspended tile ceilings shall be AMK SQ Series Model SQ80_____ with grille size _____ 2' x 2'. 2' x 2' systems shall directly replace a 2' x 2' tile. Each system shall include a factory mounted speaker with wired transformer mounted to a sub-plate with a fine perforated steel grille finished in white powder epoxy. System shall also include a factory mounted 4"D steel backbox finished in black powder epoxy with speaker terminations exiting through a metal clamp. The speaker driver shall be CX_____ 8" coaxial with an RMS power rating of _____(20W, 40W). It shall have a magnet weight of ____ (10oz., 20oz.), frequency response of _____ and a sensitivity of _____ measured 1W/1M. The wired transformer shall be _____ (70V) with primary taps at _____