

SOUND ADVANCE

CM860/660 Series

Prommercial® In-Ceiling Speakers



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The Sound Advance® CM860 and CM660 are extended bandwidth, wide dispersion loudspeakers designed for ceiling mounting in commercial/professional installations in airports, hotels, boardrooms, cruise ships, casinos, convention centers, restaurants, offices, houses of worship and retail stores. The CM860 and CM660 incorporate polypropylene cone woofers and cloth dome tweeters that ensure superior-quality sound in foreground music, public address and paging applications. Both models feature wide dispersion (120° conical) that allows larger areas to be adequately covered by fewer speakers. An integrated, deep-drawn steel backcan and integrated RotoLock® clamps allow the CM860 and CM660 to be installed without access behind the ceiling. The baffles are constructed from fire-rated ABS that meets UL94V-0. The perforated aluminum grilles are weather-resistant and can be painted to match the installation surroundings. Connection is made via a quick-connect terminal with loop-thru. The CM860 and CM660 are shipped with a C-shaped support plate that reinforces the ceiling material, and tile support rails that can be installed without access behind the ceiling. The CM860 and CM660 are transformer-coupled, with 60W, 30W, 15W 7.5W taps and 8-ohm bypass that are selectable from the speaker's front baffle.

Recommended Installations:

- Suspended ceilings
- Wood or metal stud ceilings
- Soffits and fascia
- Retrofits into almost all standard 8" (CM860) and 6-1/2" (CM660) speaker openings

Included Accessories:

- C-shaped tile support plates
- Tile support rails
- Paint plugs
- Cutout template

Recommended Accessories:

- 901358 Flexbracket for CM860
- 901315 Flexbracket for CM660
- 91457 Coverplate for CM860
- 900643 Coverplate for CM660
- 900768 Adapter ring for CM660



CM860 - UL 1480, UL 2043
CM660 - UL 1480

CM860 Performance Specifications:

Tweeter: 1" (25mm) Pivoting cloth dome
Woofers: 8" (203mm) Polypropylene cone with a rubber surround
Frequency Range: 50Hz – 20kHz (-10dB)
Nominal Sensitivity: 90dB (2.83V/1meter)
Nominal Coverage Angle: 120° conical
Pressure Sensitivity: 92dB, 1W/1m
Directivity Factor: 5.9 averaged from 500Hz to 4kHz
Directivity Index: 4.6 averaged from 500Hz to 4kHz
Transformer Taps: 60W, 30W, 15W, 7.5W (70-Volt); 60W, 30W, 15W (100-Volt); 8 ohms
Power Handling: 140 watts maximum program power; 70 watts continuous pink noise
Enclosure Type: Deep-drawn steel back can

Baffle Material: ABS (meets UL94V-0 fire rating)

Grille: Paintable weather-resistant aluminum

Input Termination: Removable locking quick-connect with two input terminals and two loopthrough terminals

Dimensions (Dia x D): 12" x 9-1/2" (305mm x 241mm)

Cutout Dimensions (Dia): 10" (254mm)

Net Weight: 11 lbs (5kg) each

Shipping Weight: 23 lbs (10.44kg) pair

CM660 Performance Specifications:

Tweeter: 3/4" (19mm) Pivoting cloth dome

Woofers: 6-1/2" (165mm) Polypropylene cone with a rubber surround

Frequency Range: 65Hz – 20kHz (-10dB)

Nominal Sensitivity: 89dB SPL (2.83V/1meter)

Nominal Coverage Angle: 120° conical

Directivity Factor: 5.9 averaged from 500Hz to 4kHz

Directivity Index: 4.6 averaged from 500Hz to 4kHz

Transformer Taps: 60W, 30W, 15W, 7.5W (70-Volt); 60W, 30W, 15W (100-Volt); 8 ohms

Power Handling: 140 watts maximum program power; 70 watts continuous pink noise

Enclosure Type: Deep-drawn steel back can

Baffle Material: ABS (meets UL94V-0 fire rating)

Grille: Paintable weather-resistant aluminum

Input Termination: Locking removable quick-connect with two input terminals and two loopthrough terminals

Dimensions (Dia x D): 9-3/4" x 7-1/2" (248mm x 191mm)

Cutout Dimensions (Dia): 8-3/16" (207mm)

Net Weight: 8 lbs (3.63 kg) each

Shipping Weight: 19 lbs (8.61 kg) pair

Warranty:

Sound Advance warrants the CM860 and CM660 to be free of any defect in material or workmanship for a period of 5 years from the date of purchase. During the warranty period, Sound Advance will repair or replace (at its option) all such defects without charge for parts or labor, if returned prepaid to the proper Sound Advance service facility, together with the original sales receipt or other proof of purchase. The unit will be returned prepaid.