

Superb Performance, Exceptional Value

Drawing from years of experience and industry leading technologies like Complex Conic waveguides, CA/CX loudspeakers are designed to meet the needs of today's installed-AV professionals, with a broad range of systems to provide effective solutions for every sound reinforcement challenge at competitive price points.

The new C Series loudspeakers incorporate the newest generation of Complex Conic horns, with the latest drivers to provide clean, natural sound and tight pattern control. Unlike conventional loudspeaker designs, Complex Conic horns provide consistent beamwidth over a wider frequency range, with the natural, transparent sound that Renkus-Heinz is known for. And as with all Renkus-Heinz products, C Series loudspeakers are backed by Renkus-Heinz's renowned worldwide customer support.

Applications

- Developed specifically for flushed-in mounting in stair risers and stage lips.
- Ideal for many side and front fill applications; mounts inconspicuously in walls or ceilings, under and over balconies, anywhere a very high-output, flush-mount fill loudspeaker is needed.

High Performance, High Output, In-Wall Design

The CX42 was developed specifically stage lip fill or other front fill applications needing full-size performance from a very compact fill loudspeaker that could be easily mounted in stair risers, stage aprons or walls. Despite it's very compact size, the CX42 has enough output to keep up with even full-sized concert line arrays in stage lip or platform step fill applications.

It features a 1" high frequency compression driver with a 1" throat coupled to a diffraction slot and dual 4" woofers. The diffraction slot eliminates high frequency beaming and provides wide angle coverage out to beyond 20 kHz. The dual high-efficiency 4" woofers are optimized for efficiency and power handling. Together, the 1" HF driver and dual 4" woofers deliver a surprisingly high 122 dB peak output level from 300 Hz to 20 kHz.

The compact CX42 mounts easily between 16" studs (it's only 14 3/8" wide by 5 3/8" high) in stair riser, stage lips, walls and ceilings. Protection against damage is provided by a heavy gauge steel grille.

An optional, heavy gauge metal back box is available for applications where building codes require a metal enclosure or the loudspeaker will be installed in concrete.

CA/CX Series

CX42

Non-Powered

Dual 4" LF + 1" HF 2-way, Stairstep Loudspeaker



- **High Output, Small Enclosure**
Consistent directivity, superior sonics and field rotatable.
- **Wide-angle Coverage**
300 Hz to 20 kHz response and 122 dB, peak SPL.
- **Very Compact**
Just 14-3/8 x 5-3/8 x 9-5/8 inches / 422 x 137 x 244 mm.
- **Dual, Heavy-duty, 4 in. Woofers**
High efficiency and high power handling combine to insure enough output for even the loudest applications.
- **Heavy Gauge Steel Grille**
Protects against damage even when installed in stair risers.
- **Available Steel Backbox**
Optional 15 gauge metal backbox is "concrete pour" ready making it easy to rough-in the loudspeakers in concrete stages and platforms.

CX42 Specifications

Sensitivity: 95 dB (1W/1m)
Maximum SPL: 122 dB peak
Dispersion: 150° H by 60° V
Freq. Resp: 300 Hz to 20 kHz (+- 3dB; 100 Hz - 10 dB)
HF Driver: 1" Titanium driver, model SDA105-8;
 15 W RMS, 30 W program
LF Drivers: Dual 4", model SSL4-6; 4" Woofers;
 60 W AES, 120 W program each.
Enclosure: Hardwood with perforated metal grille
Back Box: 16 ga. Powder-coated steel

Power: 240 Watts program at 16 Ohms
Connectors: Screw terminals & looping 4-pin Neutrik
 Speakon style connectors
Finish: Black or White paint (Grille only)
Dimensions
Enclosure: 5 3/8" H x 16 5/8" W x 9 5/8" D
 137 mm x 422 mm x 244 mm
Grille: 5 3/4" H x 17" W x 1/4" D
 146 mm x 432 mm x 6.4 mm
Back Box: 5 5/8" H, x 16 7/8" W x 13 3/16" D
 142 mm x 430 mm x 335 mm
Weight: 16.8 lbs/7.7 kg, net

Note: All analog inputs and outputs comply with AES Standard 48-2005 on interconnecting, grounding and shielding.

DIMENSIONAL INFORMATION

