RENKUS-HEINZ

CA/CX Series

CX112S — Non-Powered

CA112S-RD — RHAON & Dante Redundant

Direct Radiating 12 in. Subwoofer

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 subwoofers incorporate the latest components to provide clean, natural sound and tight bass response. Direct radiating designs insure the most natural response and deepest bass without coloration or resonances. All while providing unrivaled value and 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

- The CX/CA112S is a 12" direct radiating subwoofer perfect for any application where, smooth, tight and accurate bass is required.
- Used singly, it's the perfect match for adding sub bass to six and eight inch loudspeakers and steerable arrays.
- In multiples, it becomes an impressive and powerful addition to any music system requiring a compact subwoofer system.
- The standard pole socket allows smaller loudspeakers to be easily mounted on it as a base in portable systems.

Appealing Design, Sizable Performance

The CX/CA112S was developed for applications needing a compact, high performance subwoofer in a versatile package—at an attractive price.

It features a 2.5" voice coil, cast frame, treated paper cone woofer. The high-efficiency 12" woofer produces a very strong, tight bass response and the large ports insure that no chuffing or fluttering noise ever mars the sound.

A 500 watt program power rating leads to a surprisingly high 127 dB peak output level from 40 Hz to 120 Hz; the CX/CA112S is a great match to nearly any system.

Designed In Flexibility

Twelve M10 Universal Mounting Points make installation easy and clean. A 35 mm pole socket allows most six and eight inch full range loudspeakers to be used in portable applications with the sub as a support. Standard recessed handles make for easy portable use and are inconspicuous in installs.

Available externally powered or with built-in amplification including RHAON II networking, monitoring and control, and analog, AES or Dante digital audio, the CX/CA112S brings new levels of versatility to compact subwoofers.

- **Twelve-inch Woofer for Excellent Bass Response**

  Strong performance to 40 Hz.

- **Versatile**

  Recessed handles, pole adapter and UMH points are all standard.

- **Optimal Subwoofer Fidelity**

  Direct radiating design with large ports assures deep, powerful bass without coloration or port noise.

- **Available SA625 Amplifier**

  SA625 amplifier offers high output, full protection limiting, analog, AES & Dante inputs.

© 2026 Renkus-Heinz, Inc. reserves the right to change any product specification without prior notification.

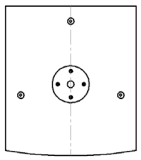
CA/CX112S Specifications

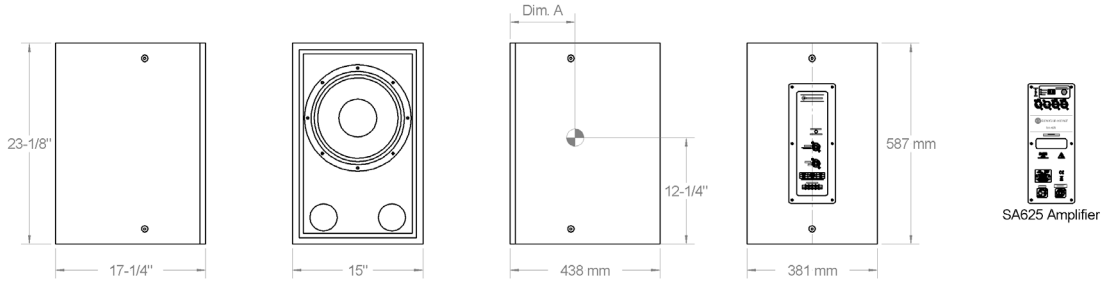
	CX112S	CA112S-RD
Connectors:	2 x speakON® NL4 Four-place terminal strip, all paralleled	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45, primary & secondary
Sensitivity:	97 dB (1W/1m)	1.0 volt for rated output, analog
Power Handling:	250 W AES @ 8 ohms,	See SA625 amplifier specs below
Crossover Frequency:	100 Hz, 4th order Butterworth recommended	100 Hz, 4th order Butterworth
Max. SPL:	127 dB (peak, half space)	124 dB (peak, half space)
Weight:	52 lbs./23.6 kg	
Frequency Response:	40 Hz to 120 Hz (+/- 3dB)	
Enclosure:	11 ply birch plywood	
Grille:	16 GA powder-coated, plated steel	
Transducers:	Woofer: SSL12-23	
Finish:	Black (RAL9011) paint	
Mounting:	12 x M10 UMH points 1 x 35 mm pole socket	
Dimensions:	15-1/8" w x 23-1/4" h x 17-3/8" d 445 mm w x 724 mm h x 432 mm d	

SA625 Amplifier Specifications

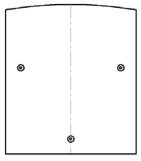
	SA625-RD
Audio Connections:	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45 Dante Primary & Secondary Ethernet
Latency:	6.25 ms Analog & AES 6.25 ms + Dante transport latency
User DSP:	Eight fully parametric filters, high and low shelf, high and low pass filters, delay to 340 ms.
Software:	RHAON II and Dante Controller
Max. Input Level:	+22 dBu, Analog, 0 dBFS digital
Network Connections:	2 x RJ45 Dante Primary & Secondary Ethernet/RHAON (Note: Dante and RHAON share a single or redundant Ethernet network.)
Power Output:	LF= 500 watts, @ 8 ohms Multi-band peak and thermal limiting protects the driver.
Mains Voltage:	100-240 volts, 50/60 Hz auto-switching
Power Consumption:	Idle: 200 mW. 1/8 power: 120 W (onset of limiting) 1/3 power: 240 W (hard limiting)
Power Connector:	Neutrik powerCON TRUE-1
Temperature Limits	Max.: 140º F/60º C, with no direct sun exposure; Min.: -22º F/-30º C; leave unit on to keep interior warm below 32º F/0º C.

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





= Aproximate Center of Gravity
CX Dim A = 7-1/2 in. (191 mm)
CA Dim A = 7-3/4 in. (197 mm)



RENKUS-HEINZ

Renkus-Heinz, Inc., 19201 Cook Street, Foothill Ranch, CA 92112S0-3501, USA
Tel: +1 949-588-9997 • Fax: +1 949-588-9514
sales@renkus-heinz.com • www.renkus-heinz.com

RH 847 R4 SEPT 2026