RENKUS-HEINZ

TA/TX Series

TX112S Non-Powered

TA112S-RD RHAON & Dante Redundant

Direct Radiating 12 in. Subwoofer

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

  Strong performance to 40 Hz.

- **Versatile**

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

- **Build-to-Order Flexibility**

  Custom color and IP55 Weather Resistant finishes are available.

- **Available SA625 Amplifier**

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

Superb Performance, Built-to-Order

Drawing from years of experience and industry leading technologies like Complex Conic waveguides, TA/TX 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 T 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 loud-speaker designs, Complex Conic horns provide consistent beam-width over a wider frequency range, with the natural, transparent sound that Renkus-Heinz is known for.

Made in the USA and fully customizable with the options you've come to expect from Renkus-Heinz including multiple horn dispersions, mounting and mobile options, custom color and weather resistance.

Applications

- The TX/TA112S 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 TX/TA112S 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 TX/TA112S 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 which includes RHAON II networking, monitoring and control, and Dante digital audio, the TX/TA112S brings new levels of versatility to compact loudspeakers.

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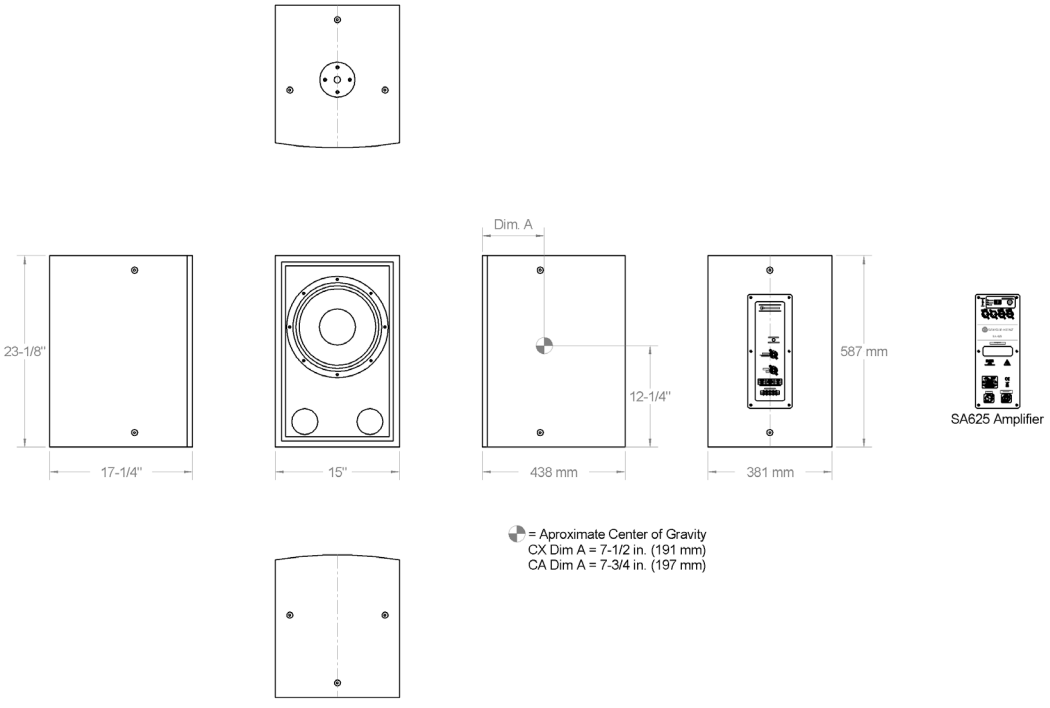
TA/TX112S Specifications

	TX112S	TA112S-RD1 & 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, half-space)	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)	127 dB (peak, half space)
Weight:	52 lbs./23.6 kg	
Frequency Response:	40 Hz to 120 Hz (+/- 3dB)	
Enclosure:	3/4 in. (19 mm) plywood	
Grille:	16 GA powder-coated, plated steel	
Transducers:	Woofer: SSL12-23	
Finish:	Black (RAL9011) or White (RAL9010) paint. Custom color matching and IP55 WR Treatment optional.	
Mounting:	12 x M10 UMH points 1 x 35 mm pole socket	
Dimensions:	15" w x 23-1/8" h x 17-1/4" d 381 mm w x 587 mm h x 438 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.



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