

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 four flavors of built-in amplification; RHAON II networking, monitoring and control, and Dante digital audio, the TX/TA112S brings new levels of versatility to compact loudspeakers.

TA/TX Series

TX112S	Non-Powered
TA112S-A	Powered, Analog
TA112S-RN	RHAON Empowered
TA112S-RD1	RHAON & Dante
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, and optional AES & Dante inputs.

TA/TX112S Specifications

	TX112S	TA112S-A	TA112S-RN	TA112S-RD1 & RD
Connectors:	2 x Speakon® NL4 Four-place terminal strip, all paralleled	2 x XLR-3, In & Loop-out	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 (RAL9010) or White (RAL9011) paint. Custom color matching and IP55 WR Treatment optional.		
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-A	SA625-RN	SA625-RD1 (Ultimo)	SA625-RD (Brooklyn II)
Audio Connections:	2 x XLR-3, In & Loop-out, Analog	2 x XLR-3, In & Loop-out, Analog and AES	2 x XLR-3, In & Loop-out, Analog and AES 1 x RJ45 Dante Ethernet	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45 Dante Primary & Secondary Ethernet
Latency:	6.25 ms	6.25 ms	6.25 ms Analog & AES 6.25 ms + Dante transport latency	6.25 ms Analog & AES 6.25 ms + Dante transport latency
User DSP:	None	Eight fully parametric filters, high and low shelf, high and low pass filters, delay to 340 ms.		
Software:	None	RHAON II	RHAON II and Dante Controller	
Max. Input Level:	+22 dBu, Analog	+22 dBu, Analog, 0 dBFS digital	+22 dBu, Analog, 0 dBFS digital	+22 dBu, Analog, 0 dBFS digital
Network Connections:	None	2 x RJ45, Looping Ethernet/RHAON	2 x RJ45, DANTE/Looping Ethernet/ RHAON (Note: Dante and RHAON share a single Ethernet network.)	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.: 140° F/60° C, with no direct sun exposure; Min.: -22° F/-30° C; leave unit on to keep interior warm below 32° F/0° C.		

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

