



### 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
<b>Connectors:</b>	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	
<b>Sensitivity:</b>	97 dB (1W/1m)		1.0 volt for rated output, analog	
<b>Power Handling:</b>	250 W AES @ 8 ohms,		See SA625 amplifier specs below	
<b>Crossover Frequency:</b>	100 Hz, 4th order Butterworth recommended		100 Hz, 4th order Butterworth	
<b>Max. SPL:</b>	127 dB (peak, half space)		124 dB (peak, half space)	
<b>Weight:</b>		52 lbs. / 23.6 kg		
<b>Frequency Response:</b>		40 Hz to 120 Hz (+/- 3dB)		
<b>Enclosure:</b>		11 ply birch plywood		
<b>Grille:</b>		16 GA powder-coated, plated steel		
<b>Transducers:</b>		Woofer: SSL12-23		
<b>Finish:</b>		Black (RAL9010) or White (RAL9011) paint. Custom color matching and IP55 WR Treatment optional.		
<b>Mounting:</b>		12 x M10 UMH points 1 x 35 mm pole socket		
<b>Dimensions:</b>		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-A	SA625-RN	SA625-RD1 (Ultimo)	SA625-RD (Brooklyn II)
<b>Audio Connections:</b>	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
<b>Latency:</b>	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
<b>User DSP:</b>	None	Eight fully parametric filters, high and low shelf, high and low pass filters, delay to 340 ms.		
<b>Software:</b>	None	RHAON II	RHAON II and Dante Controller	
<b>Max. Input Level:</b>	+22 dBu, Analog	+22 dBu, Analog, 0 dBFS digital	+22 dBu, Analog, 0 dBFS digital	+22 dBu, Analog, 0 dBFS digital
<b>Network Connections:</b>	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.)
<b>Power Output:</b>		LF= 500 watts, @ 8 ohms Multi-band peak and thermal limiting protects the driver.		
<b>Mains Voltage:</b>		100-240 volts, 50/60 Hz auto-switching		
<b>Power Consumption:</b>		Idle: 200 mW. 1/8 power: 120 W (onset of limiting) 1/3 power: 240 W (hard limiting)		
<b>Power Connector:</b>		Neutrik powerCON TRUE-1		
<b>Temperature Limits</b>		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.*

