

#### 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

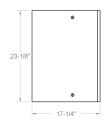
Custom color and IP55 Weather Resistant finishes are available.

• Available SA625 Amplifier

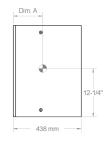
SA625 amplifier offers high output, full protection limiting, analog, and optional AES & Dante inputs.

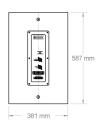
		TA/TX112S Specificati	ons	
	TX112S	TA112S-A	TA112S-RN	TA112S-RD1 & RD
Connectors:	2 x Speakon® NL4 Four-place terminal strip, all paralleled	2 x XLR-3, In & Loop-out	2 x XLR-3, In & Loop-out, Analog and AES 2 x RJ45, primary & secondary	
Sensitivity:	97 dB (1W/1m)	1.0 volt for rated output, analog		
Power Handling:	250 W AES @ 8 ohms,	See SA625 amplifier specs below		
Crossover Frequency:	100 Hz, 4th order Butterworth recom- mended	100 Hz, 4th order Butterworth		
Max. SPL:	127 dB (peak, half space)	124 dB (peak, half space)		
Weight:	52 I	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" w x 23-½" h x 17-¼" d 381 mm w x 587 mm h x 438 mm d			
		SA625 Amplifier Specific	ations	
	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; Mi	n.: -22° F/-30° C: leave unit on to keep interior	warm below 32° F/0° C.















P = Approximate Center Of Gravity DIM A = 7-12 in. (191 mm) DIM B = 7-3/4 in. (197 mm)

