



### 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/TA118S is an 18" direct radiating subwoofer perfect for any application where, deep, tight and accurate bass is required.
- Used singly, it's the perfect match for adding sub bass to 12 & 15 inch loudspeakers and larger steerable arrays.
- In multiples, it's an impressive and powerful addition to any system requiring a powerful subwoofer.
- The standard pole socket allows loudspeakers to be easily mounted on it as a base in portable systems.

### Appealing Design, Sizable Performance

The TX/TA118S was developed for applications needing a powerful, high performance subwoofer in a versatile package—at an attractive price.

It features a 4" voice coil, cast frame, treated paper cone woofer. The high-efficiency 18" woofer produces a very deep, tight bass response and the large ports insure that no chuffing or fluttering noise ever mars the sound.

A 900 watt program power rating leads to a surprisingly high 131 dB peak output level from 35 Hz to 120 Hz; the TX/TA118S 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 even large 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/TA118S brings new levels of versatility to compact loudspeakers.

## TA/TX Series

<b>TX118S</b>	Non-Powered
<b>TA118S-A</b>	Powered, Analog
<b>TA118S-RN</b>	RHAON Empowered
<b>TA118S-RD1</b>	RHAON & Dante
<b>TA118S-RD</b>	RHAON & Dante Redundant

## Direct Radiating 18 in. Subwoofer



- **Eighteen-inch Woofer for Excellent Bass Response**  
Strong performance to 35 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 SA1250 Amplifier**  
SA1250 amplifier offers high output, full protection limiting, analog, and optional AES & Dante inputs.

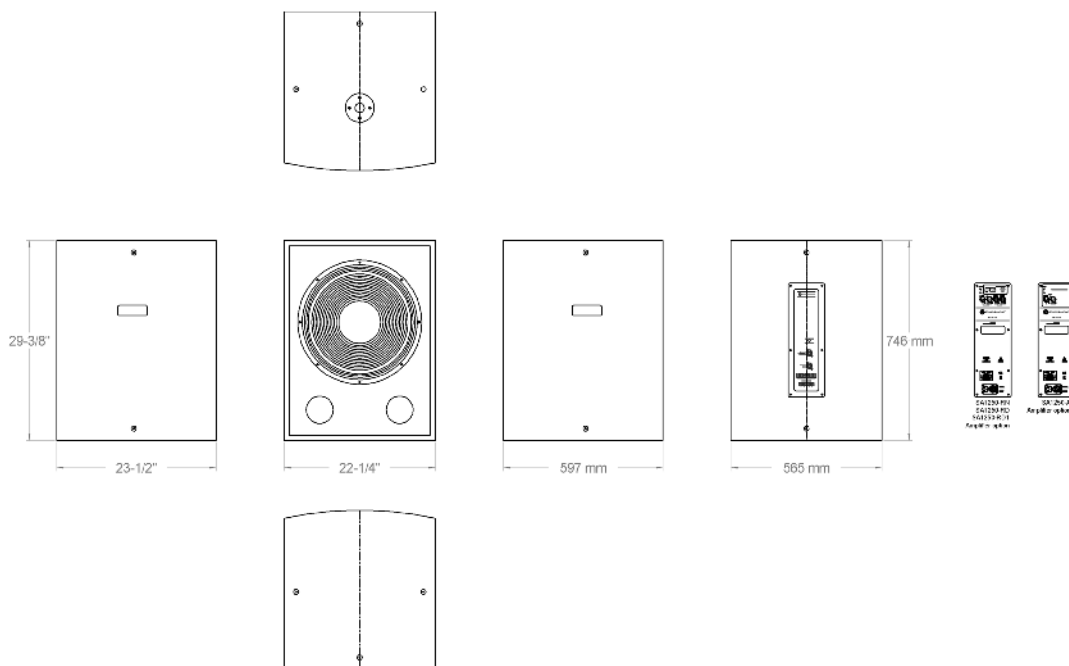
## TA/TX118S Specifications

	TX118S	TA118S-A	TA118S-RN	TA118S-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>	450 W AES @ 8 ohms,		See SA1250 amplifier specs below	
<b>Crossover Frequency:</b>	100 Hz, 4th order Butterworth recommended		100 Hz, 4th order Butterworth	
<b>Max. SPL:</b>	131 dB (peak, half space)		128 dB (peak, half space)	
<b>Weight:</b>		88 lbs. / 39.9 kg		
<b>Frequency Response:</b>		35 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: SSL18-10		
<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>		22-1/4" w x 29-3/8" h x 23-1/2" d 445 mm w x 724 mm h x 432 mm d		

## SA1250 Amplifier Specifications

	SA1250-A	SA1250-RN	SA1250-RD1 (Ultimo)	SA1250-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= 1000 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: 300 mW. 1/8 power: 240 W (onset of limiting) 1/3 power: 550 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.



Renkus-Heinz, Inc., 19201 Cook Street, Foothill Ranch, TA 92118S0-3501, USA  
Tel: +1 949-588-9997 • Fax: +1 949-588-9514  
sales@renkus-heinz.com • www.renkus-heinz.com

RH 859, Rev B February 2020