

T Series Custom Installation Loudspeakers



Optional Custom Finish

Introducing TX

Taking the new CX loudspeakers to an even higher level, Renkus-Heinz is introducing the TX passive loudspeakers built to order in our factory in Orange County, CA USA for fixed installations.

Drawing from years of experience and industry leading technologies like rotatable Complex Conic Waveguides and RHAON II system control, TX loudspeakers are designed to meet the varied needs of today's Installed AV professionals with a broad range of customizable systems to provide effective solutions for every sound reinforcement challenge.

The new T Series loudspeakers incorporate the latest generation of rotatable Complex Conic Horns, with the latest drivers to provide clean, natural sound and tight pattern control. Unlike conventional loudspeaker designs, Complex Conic horns provide consistent beamwidth over a wider frequency range, with the natural, transparent sound that Renkus-Heinz is known for. And as with all Renkus-Heinz products, T Series loudspeakers are backed by Renkus-Heinz's renowned worldwide customer support.

Externally powered TX models include a high quality passive crossover network which can be easily bypassed with an internal jumper for bi-amplified operation.

T Series models are built to order in amplified (TA) and passive (TX) models, and are fully customizable with weather resistant options and Renkus-Heinz's acclaimed custom color matching.

Key Features

- Built to order with color, horn rotation and weather resistant options
- Complex Conic Waveguides
Provides constant beamwidth/directivity without the problems of conventional rectangular horns



- M10 Attachment Points
- U-Bracket Mounting Points
Industry standard fly points ensure fast and flexible installations
- Optimized acoustic crossover
- Internal passive crossover
- Switchable bi-amp / full range
Designed for natural and transparent sound across the loudspeaker's frequency range

TX Passive Loudspeaker Specifications

| | TX61 | TX62 | TX81 | TX82 |
|-------------------------------------|---|---|--|--|
| Transducers | 1" HF / 6.5" LF | 1" HF / Dual 6.5" LF | 1" HF / 8" LF | 1" HF / Dual 8" LF |
| Dispersion | 150° x 60° Rotatable | 150° x 60° Rotatable | 90° x 60° or 120° x 60° Rotatable | 90° x 60° or 120° x 60° Rotatable |
| Frequency Response | 100 Hz - 20 kHz | 100 Hz - 20 kHz | 90 Hz - 20 kHz | 90 Hz - 20 kHz |
| Peak SPL | 126 dB | 132 dB | 128 dB | 134 dB |
| Power Handling | 100 W AES @ 16 Ohms 200 W Pgm @ 16 Ohms | 200 W AES @ 8 Ohms 400 W Pgm @ 8 Ohms | 125 W AES @ 16 Ohms 250 W Pgm @ 16 Ohms | 250 W AES @ 8 Ohm 500 W Pgm @ 8 Ohm |
| Sensitivity 1W 1m | 94 dB | 97 dB | 96 dB | 99 dB |
| Bi-Amp Passive Crossover | Switchable | Switchable | Switchable | Switchable |
| Enclosure | 15mm Lite Ply | 15mm Lite Ply | 18mm Lite Ply | 18mm Lite Ply |
| Hanging Method | U Bracket 12 M10 Points | U Bracket 12 M10 Points | U Bracket 12 M10 Points | U Bracket 12 M10 Points |
| Dimensions H x W x D | 16" x 8" x 9.375" 40.6 x 20.3 x 23.8 cm | 21" x 8" x 9.375" 53.3 x 20.3 x 23.8 cm | 21" x 10.5" x 10.5" 53.3 x 26.7 x 26.7 cm | 28.25" x 10.5" x 10.5" 71.75 x 26.7 x 26.7 cm |
| Net Weight | 20 Lbs (9.07 Kg) Net | 26 lbs (11.79 Kg) Net | 25 Lbs (11.34 Kg) Net | 34 Lbs (15.42 Kg) Net |
| | | | | |
| | TX121 | TX151 | TX112S | TX118S |
| Transducers | 1" HF / 12" LF | 1" HF / 15" LF | 12" LF | 18" LF |
| Dispersion | 60° x 40° or 90° x 40° Rotatable | 60° x 40° or 90° x 40° | n/a | n/a |
| Frequency Response | 60 Hz - 20 kHz | 55 Hz - 20 kHz | 40 Hz - 120 Hz | 35 Hz - 100 Hz |
| Peak SPL | 134 dB | 135 dB | 133 dB | 137 dB |
| Power Handling | 300 W AES @ 8 Ohms 600 W Pgm @ 8 Ohms | 350W AES @ 8 Ohms 700W Pgm @ 8 Ohms | 250 W AES @ 8 Ohms 500 W Pgm @ 8 Ohms | 450 W AES @ 8 Ohms 900 W Pgm @ 8 Ohms |
| Sensitivity 1 W / 1 M | 97 dB | 98 dB | 97 dB | 98 dB |
| Bi-Amp Passive Crossover | Switchable | Switchable | n/a | n/a |
| Enclosure | 18mm Lite Ply | 18mm Lite Ply | 13 Ply Hardwood | 13 Ply Hardwood |
| Hanging Method | U Bracket 12 M10 Points | U Bracket 12 M10 Points | 12 M10 Points | 6 M10 Points |
| Dimensions H x W x D | 27" x 14.375" x 14.25" 68.6 x 36.5 x 36.2 cm | 28.5" x 17.5" x 17" 72.4 x 44.45 x 43.2 cm | 23.25" x 15.125" x 17.375" 59.06 x 38.42 x 44.13 cm | 29.375 x 22.25" x 23.5" 74.6 x 56.5 x 59.7 cm |
| Net Weight | 44 Lbs (19.96 Kg) Net | 52 Lbs (23.59 Kg) Net | 58 Lbs (26.31 Kg) Net | 88 Lbs (39.92 Kg) Net |

Specifications subject to change without notice