RENKUS-HEINZ

TRX Series

TRX121

12” Woofer + 1” HF
2-Way Complex Conic
Loudspeaker System

Outstanding Performance, Unequalled Versatility

TRX Series loudspeakers use advanced technology and application-driven engineering to bring live sound closer to the ultimate reference point: reality. Cutting edge driver technology and unique innovations such as our Complex Conic horns deliver natural sounding music and intelligible speech.

Versatile enclosure designs, combined with a wide range of mounting options and associated hardware, provide unrestricted flexibility for both portable and installed applications. Wherever audiences and operators demand superior performance and ease of use, TRX Series loudspeakers are the choice for unequalled value.

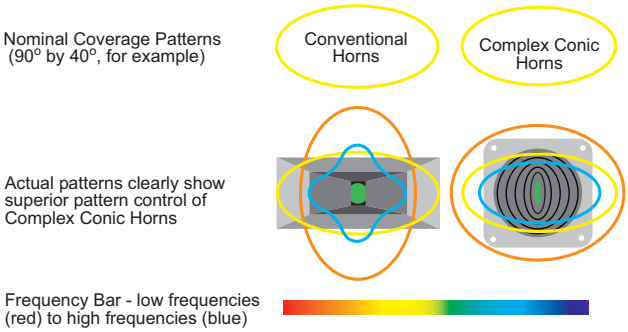
Applications

- Virtually any application where size is important and high output and outstanding sonic performance are required.
- Ideal for multi-channel playback systems in clubs and disco's (with optional subwoofers.)
- Distributed sound reinforcement systems in sports arenas and stadiums.
- Side fill loudspeakers in sound reinforcement systems.
- High output floor monitors in live sound venues.

Advanced Complex Conic Horn Design

Designed around the spherical expansion of the acoustic pressure wave, Complex Conic horns provide constant beamwidth/directivity without the problems of conventional rectangular horns. These unique waveguides eliminate low frequency “pattern flip”; have no corners to cause high frequency “feathering” and the resulting pattern distortion.

With extended pattern bandwidth, lower distortion and minimal coloration, Complex Conic horns work better and sound far more natural than ordinary horns.



- **Compact Multi-Function Design**
  Outstanding, full-range, 65 Hz to 18 kHz performance in a versatile multi-angle enclosure.
- **Exclusive Complex Conic Design**
  Complex Conic horns provide superior pattern control with low distortion.
- **Choice of Coverage Patterns**
  Complex Conic horns provide smooth 90° by 60° or 120° by 60° cover age, may be rotated 90° within cabinet.
- **1" Extended Range HF Driver**
  Provides smooth, low distortion high frequency performance to 18 kHz and beyond.
- **Heavy-Duty 12" Woofer**
  With treated fiber cone easily handles 500 Watts of program power.
- **Built-in Crossover**
  Eliminates need for a separate electronic crossover and bi-amplification.

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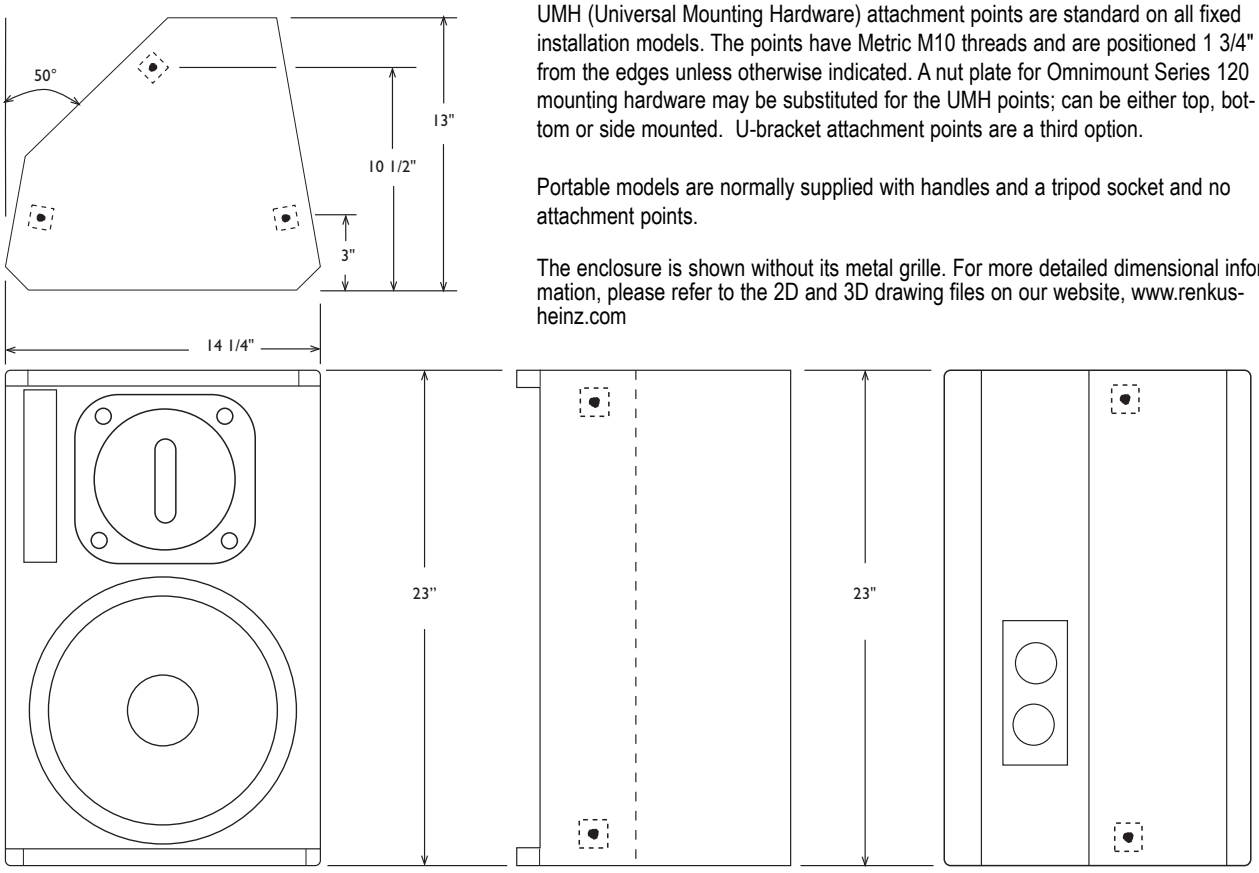
TECHNICAL INFORMATION

Sensitivity:	99 dB (1W/1m) @ 500 Hz
Maximum SPL:	
Dispersion:	126 dB program, 129 dB Peak
Frequency Response:	(TRX121/9) 90° H by 60° V* (TRX121/12) 120° H by 60° V*
HF Driver:	65 Hz to 18 kHz
LF Driver:	1" SSD202-8 driver, 40 W RMS, 80 W program
Crossover Point:	12" model SSL12-12 woofer, 2.5" VC, treated fiber cone; 250 W RMS, 500 Watts program
Power rating:	1.8 kHz 500 Watts program at 8 Ohms
Enclosure:	Multi-ply hardwood, perforated metal grille
Connectors:	Screw terminals or Neutrik 4-pin connectors
Finish Options:	Black or white paint Custom colors Natural (unfinished) Weather resistant
Hardware Options:	12-point univ. mtg. hdw. Omnimount Series 120 nut-plate U-bracket Tripod socket & handles
Dimensions:	23" H x 14 1/4" W x 13" D (58.4 cm x 36.2 cm x 33 cm)
Net Weight:	34 Lbs (15.4 Kg) net

Note: Complex Conic horns may be rotated 90 degrees within the enclosure.

DIMENSIONAL INFORMATION



UMH (Universal Mounting Hardware) attachment points are standard on all fixed installation models. The points have Metric M10 threads and are positioned 1 3/4" from the edges unless otherwise indicated. A nut plate for Omnimount Series 120 mounting hardware may be substituted for the UMH points; can be either top, bottom or side mounted. U-bracket attachment points are a third option.

Portable models are normally supplied with handles and a tripod socket and no attachment points.

The enclosure is shown without its metal grille. For more detailed dimensional information, please refer to the 2D and 3D drawing files on our website, www.renkus-heinz.com

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