



## UNSURPASSED PERFORMANCE AND VERSATILITY

Developed with performance, durability, and versatility in mind RH Series loudspeakers feature many of the performance advancements developed by Renkus-Heinz in its over 30 year quest to produce the finest possible sound. They perform flawlessly in all types of fixed and portable applications from simple single performer - single loudspeaker setups to sophisticated multi-loudspeaker systems in performing arts centers.

Every component has been thoroughly evaluated for optimal performance. Audiophile quality transducers with highly efficient Neodymium magnets and our skillful design combine to deliver unprecedented performance in any environment.

Versatile cabinet designs, multiple handles and an assortment of mounting hardware choices make RH Series loudspeakers as much of a joy to setup and use, as they are to listen to.

### Applications

- Any application where size is a critical issue and sonic performance requirements are high.
- Side and front fill for sound reinforcement systems in houses of worship, performing arts centers, etc.
- Foreground music systems in bars, restaurants, nightclubs, lounges, etc.

The RHX62 is designed to be used with an external amplifier while the RH62 includes a built-in Class D digital bi-amplifier.

Both feature a 150 by 60 degree Complex Conic waveguide, a Renkus-Heinz development that eliminates "pattern flip" and provides better pattern control than conventional rectangular horns, without any of the harshness associated with them. The Complex Conic Waveguide used in the RH62 and RHX62 can also be rotated 90 degrees, adding further to their versatility. In brief, Complex Conic Waveguides work better and sound more natural with less distortion than ordinary horns.

The low profile design of the RH62 and RHX62's enclosure allows them to be used as an under balcony or fill loudspeakers. Optional U-brackets and wall mounting hardware add further to their versatility

Wherever audiences and operators demand superior performance, Renkus-Heinz RH Series loudspeakers are a clear choice for ease of use and transparent reference quality performance.

## RH Series Professional Loudspeaker Systems

### RHX62 Non-Powered

#### Dual 6.5 inch 2-way Loudspeakers



- **Premium 1" HF Driver and High Power 6.5" Woofers**  
Neodymium magnets deliver smooth, low distortion 130 dB peak SPL performance from 70 Hz to 20 kHz
- **Smooth 70 Hz to 20 kHz Full Range Performance**
- **Exclusive Complex Conic Design**  
Provides constant beamwidth / directivity without the problems associated with conventional rectangular horns; can be rotated 90° within the cabinet
- **Reliable, Easy-To-Use Hardware**  
Multiple threaded pole sockets and an assortment of mounting hardware allow for easy horizontal and vertical mounting in virtually any situation
- **Flexible Configurations**  
Easily change from passive to bi-amp operation and back again

## RHX62 Technical Specifications

**Sensitivity:** 94 dB (1W/1m)  
**Freq. Range:** 70 Hz to 20 kHz  
**Max SPL<sup>1</sup>:** 130 dB peak @ 1 meter  
**Dispersion:** 150° by 60°  
**Dimensions:** 21 1/2" H x 8" W x 7 1/8" D  
 54.6 cm x 20.3 cm x 18 cm  
**Weight:** 25 Lbs, 11.4 kg (net)  
**Power Rating<sup>2</sup>:** 250 W AES @ 16 Ohms  
**Transducers:** 1" HF driver, RH model SSD1750TN  
 Dual 6.5" woofers; RH model SSL6.14  
**Connectors:** Looping Neutrik 4-pin Speakon  
**Enclosure:** Multi-ply hardwood with perforated steel grille  
**Finish:** Black or white paint; custom colors available

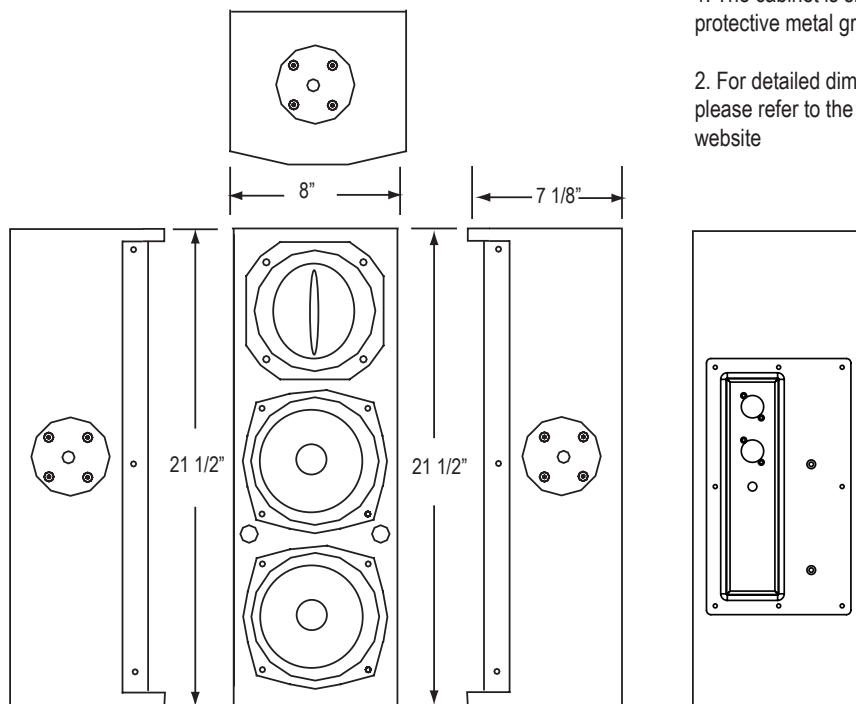
## Accessories

**UBRKT/RH62:** U-bracket for RH/RHX62  
**WBRKTRH62/81:** Wall mounting bracket for RH/RHX62 & RH/RHX81  
**RH-PMA:** Pole mounting adapter for RH series

<sup>1</sup> Max SPL is calculated using a 12dB crest factor

<sup>2</sup> Power rating is measured using AES 2012 standard

## RHX62 Dimensional Information



### Notes:

1. The cabinet is shown without its protective metal grille.
2. For detailed dimensional information, please refer to the CAD drawings on our website



**RENKUS-HEINZ**

Renkus-Heinz, Inc., 19201 Cook Street, Foothill Ranch, CA 92610-3501, USA  
 Tel: 949-588-9997 • Fax: 949-588-9514 • Sales@renkus-heinz.com • www.renkus-heinz.com