



USER MANUAL



AVAILABLE AT  
DIGITAL CINEMA

**Klipsch**<sup>®</sup>  
REFERENCE  
PREMIERE



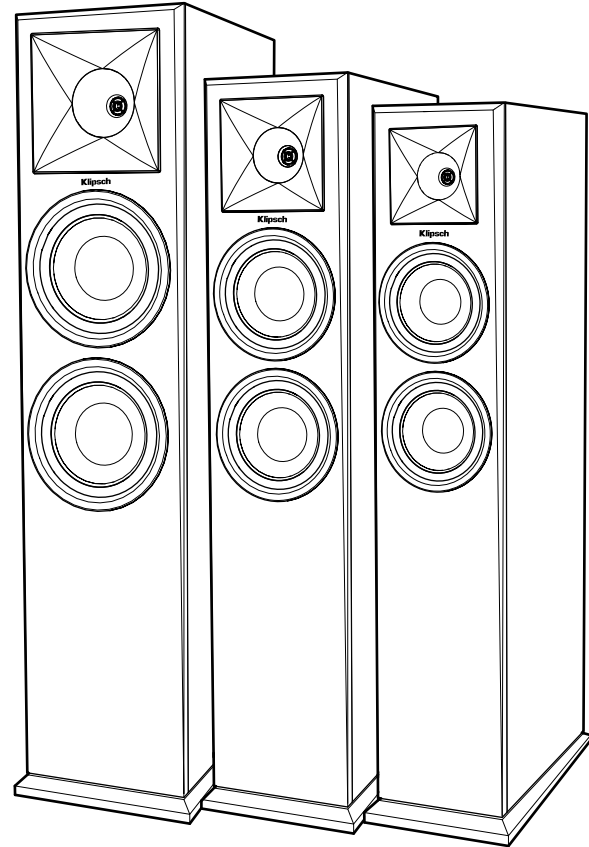
# REFERENCE (n):

- 1) the standard, the benchmark, the point used for comparison
- 2) the embodiment of the legendary Klipsch sound

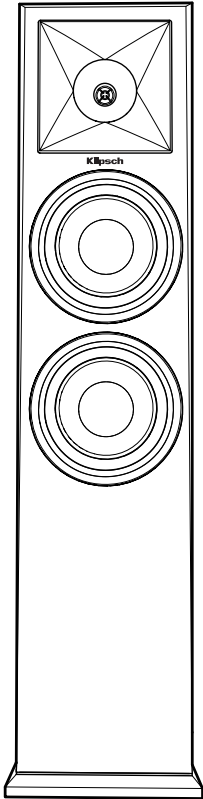
## LOUD AND PROUD SINCE 1946

In 1946, Paul W. Klipsch revolutionized the audio industry by creating our proprietary horn technology and the acoustic principles that are the driving force behind our highly acclaimed signature sound. Today, we remain true to PWK's vision and pack the better part of a century's worth of sweat and genius into every product we make. These speakers are the result of our obsession with that aural perfection. Experience the power, detail and emotion of Klipsch Reference Series.

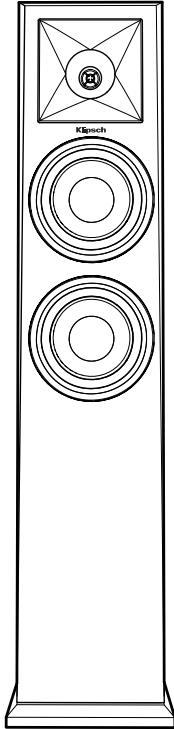
We are the Keepers of the Sound®.



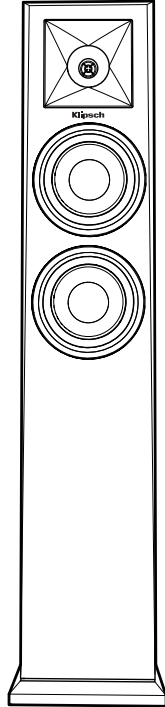
# REFERENCE PREMIERE SPEAKERS



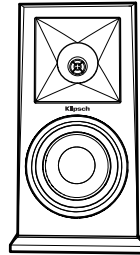
RP-280F



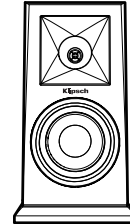
RP-260F



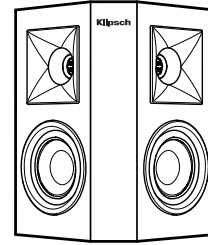
RP-250F



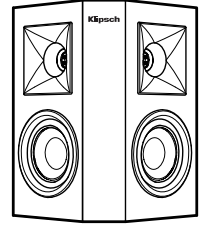
RP-160M



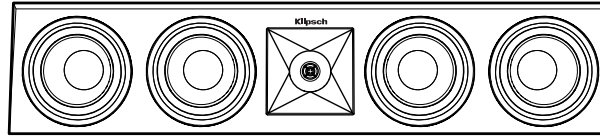
RP-150M



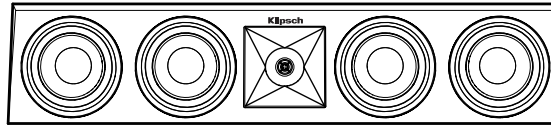
RP-250S



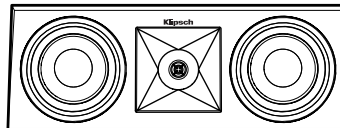
RP-240S



RP-450C



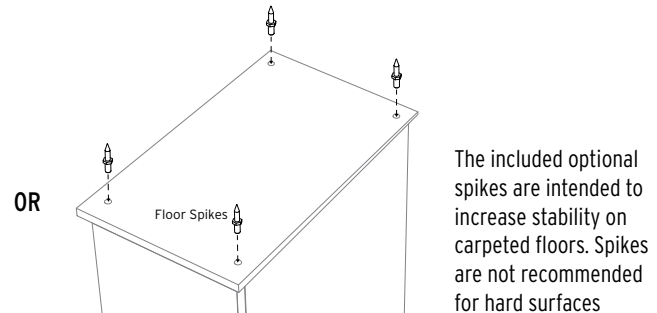
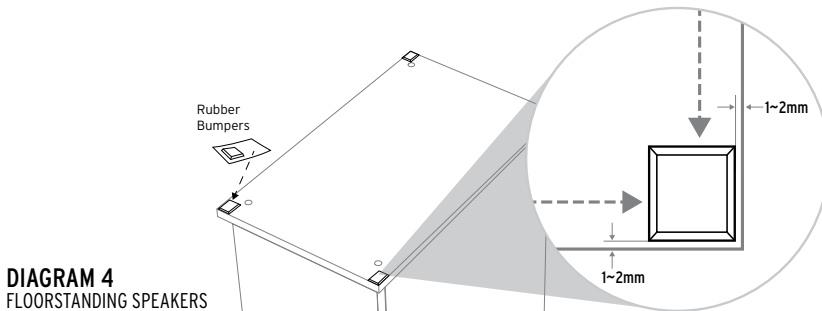
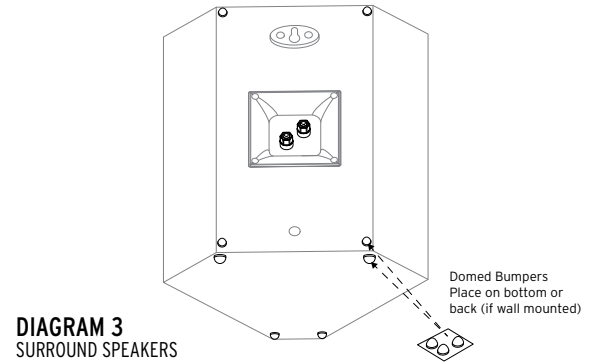
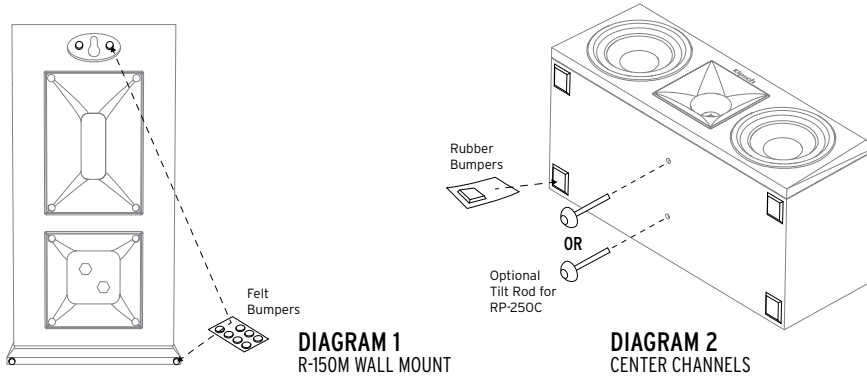
RP-440C



RP-250C

# BEFORE YOU START

Some Klipsch® speakers have feet and other accessories that may need to be installed prior to use. Please refer to Diagrams 1, 2, 3 and 4 for installation.



## ROOM PLACEMENT

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**Left and Right Main Channel Speakers** – For optimum performance, Klipsch Group, Inc. (KGI) suggests placing your speakers 6 to 15 feet (1.8 to 4.6m) apart. They may also be toed-in slightly for better stereo imaging. The listening position should be about 1 to 1.5 times the distance separating the speakers. Refer to Figures 1 and 3 for connection and placement.

**Center Channel Speakers** – Center channel speakers are designed to place dialogue and primary sounds so that they appear to come from the video screen. The speakers should therefore be placed as close to the screen as possible, preferably directly on top of or below the screen. Refer to Figures 1, 2 and 3 for connection and placement.

**Rear Surround Channel Speakers** – Klipsch WDST surround speakers should be placed approximately 2 feet above the listening position. Typically this will be about 5-7 feet above the floor. The surrounds should be placed on the walls directly adjacent to the listening position. Another option would be on the wall behind the listening position. The final surround speaker placement depends on your room's characteristics. They are designed to recreate the sense of space and ambience that many of today's surround sound technologies provide. Refer to Figures 1, 3 and 4 for connection and placement.

## CONNECTION

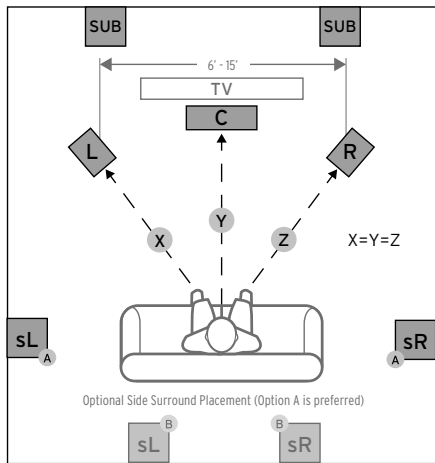
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**Conventional Connection** – Using 16-12 gauge speaker wire, connect the RED "positive" (+) terminal of the LEFT speaker to the RED "positive" (+) terminal of your amplifier's LEFT channel. Connect the BLACK "negative" (-) terminal of the LEFT speaker to the BLACK "negative" (-) terminal of your amplifier's LEFT channel. Repeat this procedure for connecting all remaining speakers to the appropriate amplifier channels. Refer to Figure 3. Make sure that no bare wires from any of the connections touch any other terminals as this could cause a short and damage your equipment.

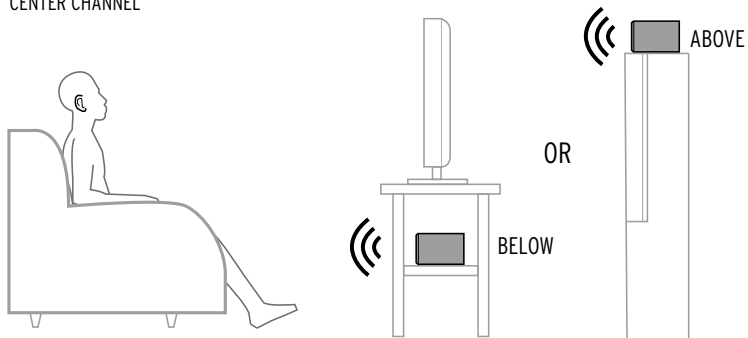
Reference Premiere models RP-280F, RP-260F, RP-250F and RP-160M are equipped with dual binding posts. If single wire connection is used, the terminal connecting bar should remain in place. If Bi-wire or Bi-amp connection is used, the terminal connecting bar must be removed. Please see your receiver's manual for further instructions.

**Amplifier Requirements** – Klipsch speakers are highly efficient and will operate easily on a wide variety of amplifiers. All Klipsch speakers are 8-ohm compatible and can be driven to very high levels with low distortion. Due to the high output levels Klipsch speakers are capable of reproducing, exercise caution with the volume control. Excessive volume over long periods can permanently damage your hearing. Overdriving your amplifier could also damage your speakers. Check with your dealer or amplifier manual to make sure your particular amplifier is best suited to your application. We want you listening for a lifetime.

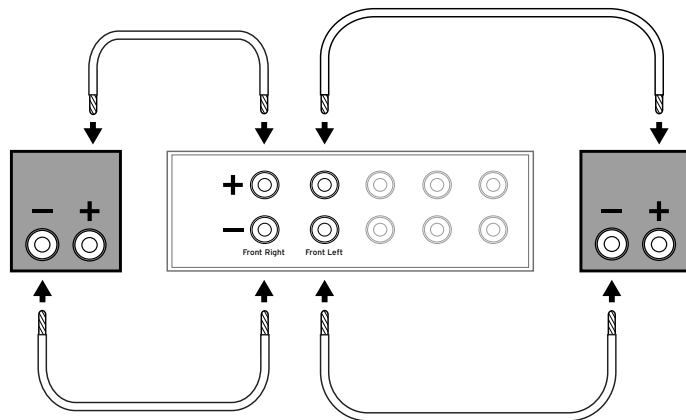
**FIGURE 1**  
SPEAKER PLACEMENT IN LISTENING AREA



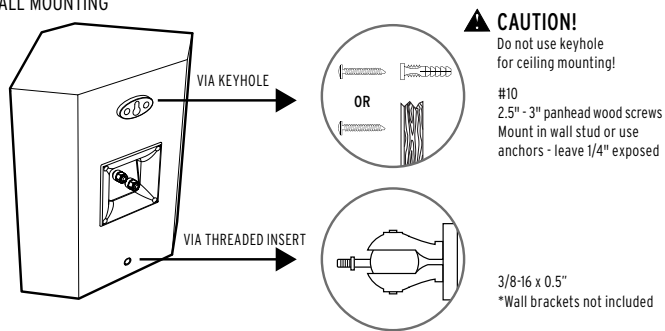
**FIGURE 2**  
CENTER CHANNEL



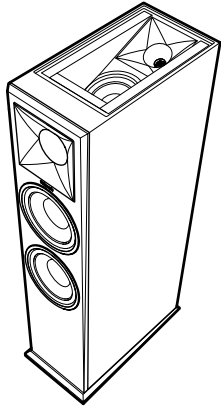
**FIGURE 3**  
STANDARD CONNECTIONS



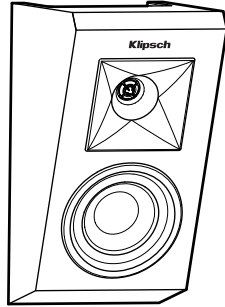
**FIGURE 4**  
WALL MOUNTING



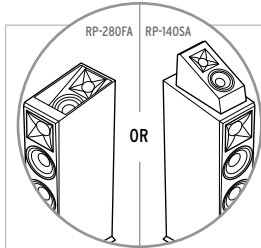
# REFERENCE PREMIERE WITH DOLBY ATMOS® TECHNOLOGY



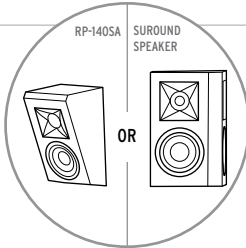
RP-280FA



RP-140SA

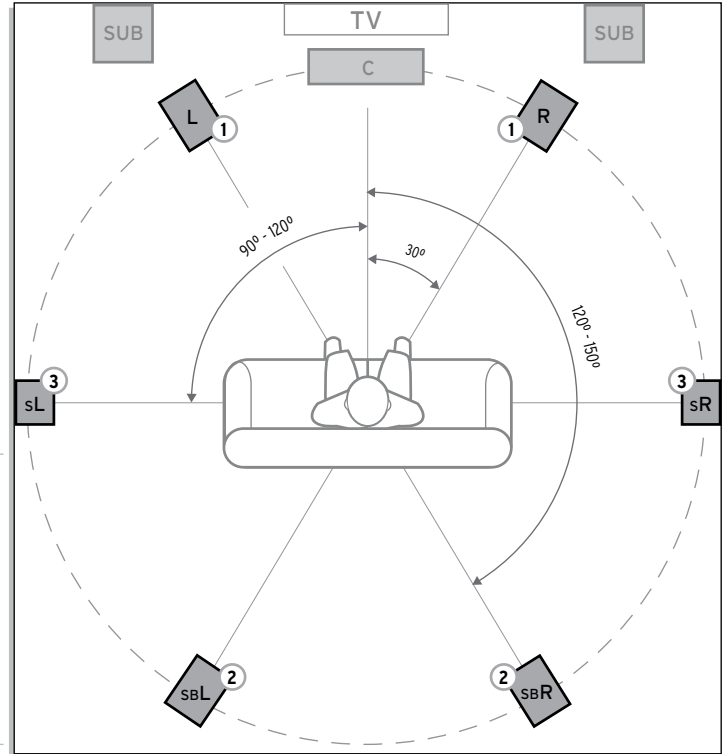


L R sBL sBR



sL sR

- 1** MANDATORY
- 2** SECONDARY
- 3** OPTIONAL

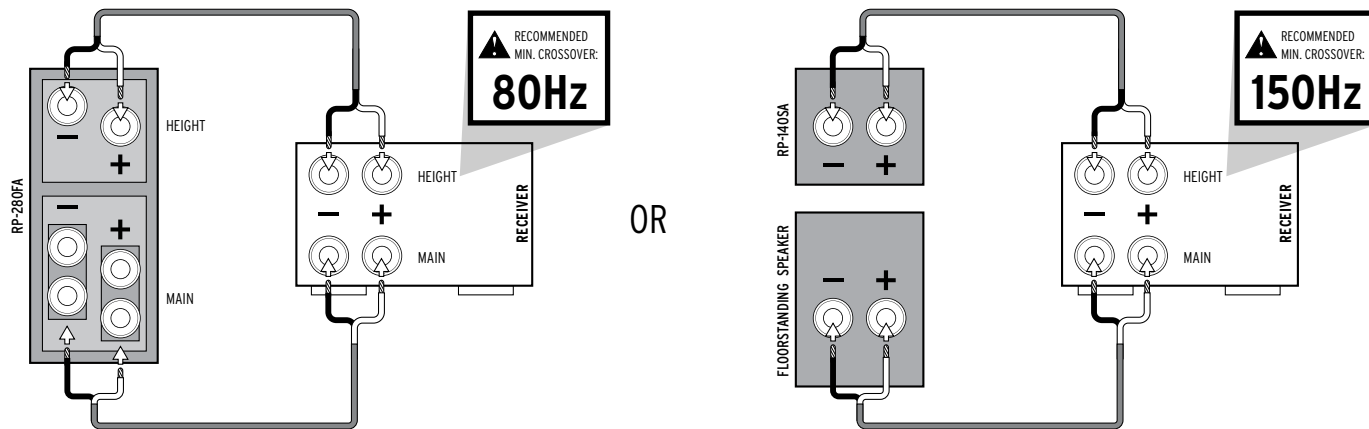


SPEAKER PLACEMENT IN LISTENING AREA



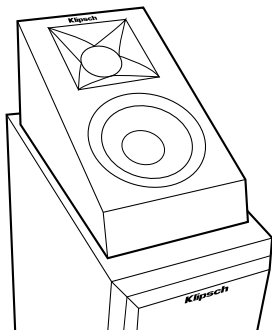
# REFERENCE PREMIERE WITH DOLBY ATMOS® TECHNOLOGY

## CONNECTIONS

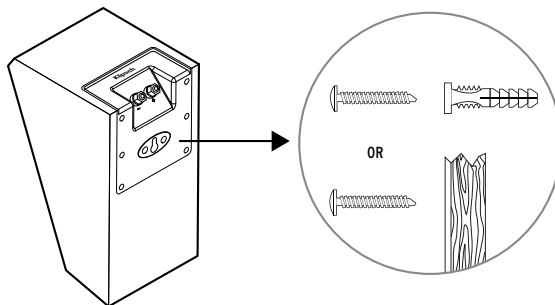


## ELEVATION SPEAKER

The RP-140SA can be added to any passive loudspeaker setup.



## WALL MOUNTING



**CAUTION!**  
Do not use keyhole for ceiling mounting!  
#10  
2.5" - 3" panhead wood screws  
Mount in wall stud or use anchors - leave 1/4" exposed

## CARE AND CLEANING

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The only thing you should ever need to do to your speakers is dust them occasionally. Never apply any abrasive or solvent-based cleaner or any harsh detergent. You can clean the grilles with the brush attachment of a vacuum cleaner.

## PRODUCT REGISTRATION

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Register your product online at [www.klipsch.com/register](http://www.klipsch.com/register)

- Keep up-to-date on new products and promotions.
- Your personal information will never be resold.
- This registration information is not used for warranty purposes.

**Please retain your receipt for warranty claims.**



# Klipsch®

## KEEPERS OF THE SOUND®

3502 WOODVIEW TRACE, INDIANAPOLIS, IN, USA

[KLIPSCH.COM](http://KLIPSCH.COM)

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