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## Connecting a Resolution Series Loudspeaker to Your System

### IMPORTANT

Do not disconnect signal cables when the amplifier is on and connected to the loudspeaker. Doing so will cause a loud pop that may damage your components. Tighten loudspeaker binding posts by hand only.

### Note

When powering up any system, always turn amplifiers on last. When powering down, always turn amplifiers off first.

Resolution 4 loudspeakers are equipped with a single set of binding posts. Make your connections to the Resolution 4 using a loudspeaker cable that has been terminated in spades or bare wire.

Resolution 1,2,3, and C loudspeakers are equipped with two sets of WBT binding posts. The top set is connected to the midrange and/or tweeter drivers, and the bottom set is connected to the bass drivers. To use banana-type loudspeaker terminations, remove the plastic pins from the center of each loudspeaker connector. Use a small pair of pliers to grasp the end of each pin and withdraw it from the connector.

Each Resolution loudspeaker is shipped set up for standard operation, with a jumper connecting the positive binding posts and a second jumper connecting the negative binding posts. Follow these steps to connect a Resolution Series loudspeaker to your system:

1. Make sure all power sources and components are off before connecting the loudspeakers.
2. Locate the loudspeaker binding posts on the loudspeaker back panel.
3. Connect the loudspeaker cable from the positive binding post on the loudspeaker to a positive channel output on the amplifier.
4. Connect the loudspeaker cable from the negative binding post on the loudspeaker to a negative channel output on the amplifier.

Examples follow:

**Standard.** For the standard operation of a Resolution loudspeaker, using one set of speaker cables per channel, leave the jumper connecting the positive and negative binding posts in place. For each loudspeaker, make the positive and negative connections to the binding posts, and then connect the cable to the corresponding terminals on the left and right channels of the amplifier.

**Bi-wire.** To bi-wire a Resolution loudspeaker using two sets of loudspeaker cable per channel, first remove the jumper connecting the positive and negative binding posts. For each loudspeaker, first make the positive and negative connections to the top binding post, and then connect the cable to the corresponding terminals on the left and right channels of the amplifier. Next make the positive and negative connections to the bottom binding post for each loudspeaker, and then connect the cable to the corresponding terminals on the left and right channels of the amplifier.

**Bi-amp.** To bi-amp a Resolution loudspeaker using two sets of speaker cable and two amplifier channels per loudspeaker, first remove the jumper connecting the positive and negative binding posts. For each loudspeaker, make the positive and negative connections to the top binding post, and then connect the cable to the corresponding terminals on the left and right channels of the first amplifier. Next make the positive and negative connections to the bottom binding post for each loudspeaker, and then connect the cable to the corresponding terminals on the left and right channels of the second amplifier.

Your Resolution loudspeaker product serial number is: \_\_\_\_\_

## Getting Started

Thank you for your Resolution Series loudspeaker purchase.

The Resolution 1 and Resolution 2 loudspeakers are suited for use either in 2-channel systems or as the main left and right speakers in a multi-channel home theater set-up. The Resolution 3 and 4 loudspeakers work well in small systems or as surround speakers in a multi-channel home theater system. The Resolution C center channel speaker features nearly the same driver complement as the Resolution 2, and can be operated full-range.

The Resolution 1, 2, 3, and C loudspeakers feature heavily braced enclosures with 2-inch thick baffles for superior vibration damping. Driver complements are matched to the enclosure and customized to Krell's specifications. All crossovers are highly current-capable and are designed by Krell.

This document outlines the basic steps for unpacking, placing, connecting, and operating Resolution Series loudspeakers. The owner's reference for this product, including a detailed description of features and the product warranty, is available on the web at:

[www.krellonline.com](http://www.krellonline.com)

Please contact your authorized dealer, distributor, or Krell if you have any questions not addressed in the owner's reference.

## WARNINGS

*THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY KRELL PRODUCT.*

## Unpacking

### Note

*Save all packing materials. If you need to ship a Resolution Series loudspeaker in the future, repack the unit in its original packaging to prevent shipping damage.*

Follow these steps to safely unpack your loudspeaker:

1. Set the shipping box right side up using the arrows on the box as a guide.  
*Two people needed*
2. Use a box-cutting knife to slit the tape along the top seams of the outer carton.
3. Open the flaps to reveal the inner carton.
4. Slit the tape along the top seams of the inner carton.
5. Open the flaps and remove the foam pad containing two cardboard boxes, marked "accessories" and "grille", and set aside.
6. Remove the foam pads from the front and rear of the loudspeaker.
7. The loudspeaker is lying on its side, with a foam end cap on each side of the cabinet. Locate the foam end cap labeled TOP: the top of the loudspeaker.
8. Carefully lift the loudspeaker carton to a standing position, upside down, with the top foam end cap on the floor. Make certain that the loudspeaker stays inside the carton as you bring it to the vertical position. *Two people needed*
9. Kneel down and grasp the top foam end cap.
10. Carefully slide the loudspeaker out and away from the inner and outer cartons. The loudspeaker is still upside down, and the top foam end cap is still in place.
11. Set the inner and outer cartons aside.
12. Locate the end cap labeled BOTTOM: the bottom of the loudspeaker.
13. Remove the bottom foam end cap.
14. Open the band that secures the protective sleeve around the loudspeaker.
15. Gently slide the sleeve down, toward the top foam end cap.

If you are installing feet on a Resolution 1 or 2 loudspeaker, skip to Step 18. If you are installing brackets on a Resolution 4 loudspeaker, skip to Step 25.

## Unpacking, *continued*

### To Install Feet On the Resolution 1 and 2 Loudspeaker

Each Resolution 1 and Resolution 2 loudspeaker is provided with two sets of feet: four spikes and four rubber feet. The sharp, pointed spikes are ideal for carpeted floors. The rubber feet protect tile and wood floors.

### To Install Brackets on the Resolution 4 Loudspeaker

Each Resolution 4 loudspeaker is provided with two brackets.

## Placement

Position the loudspeaker in the listening area before attaching the grille.

## To Attach/Detach the Loudspeaker Grille

### Notes

Be careful not to scratch the loudspeaker cabinet with the grille locator pins.

Clean the grille periodically to remove accumulated dust. Gently wipe the grille from top to bottom using a soft, dry, lint-free cloth. Do not use rubber conditioner or solvent.

- Carefully invert the loudspeaker so that the bottom is on the floor.
- Remove the top foam end cap and sleeve. You are ready to position the loudspeaker in the listening area. *Two people needed*
- Locate the spikes, rubber feet and locking washers, in the small cardboard box marked "accessories".
- Choose the set of feet you want to use on your loudspeaker.
- Thread the washers onto the feet.
- Screw each foot/washer assembly into the four screw holes located on the bottom of the loudspeaker.
- Carefully invert the loudspeaker so that it is resting on the feet.
- Spin the washers counterclockwise up the shaft of each foot to fix the height of the foot.
- Remove the top foam end cap and sleeve. You are ready to position the Resolution 1 or 2 loudspeaker in the listening area. *Two people needed*
- Remove the protective sleeve from the Resolution 4 loudspeaker.
- Locate the brackets, in the small cardboard box marked "accessories".
- Using two back panel screws of your choice, affix one Resolution 4 bracket to the back of the loudspeaker.
- Affix the other bracket to the wall using hardware rated for 25 lbs.(11.4 k) or more (*not provided*).
- Remove the top foam end cap and mount the Resolution 4 on the wall.

A Resolution Series loudspeaker is simple to set up and use, and is engineered to perform well in a wide variety of listening environments. The closer a Resolution 1, 2, 3, or C loudspeaker is to the rear wall, the more pronounced the bass response. To minimize unwanted reflected sound and maximize the width and depth of the soundstage, be careful not to set the Resolution 1, 2, 3, or C loudspeakers too close to the side walls. The Resolution 4 loudspeaker has been designed to work well in close proximity to walls and other room boundaries, and can function as a main, surround, or center channel loudspeaker. Krell encourages you to experiment and find the placement that reflects your personal preference.

Attach the grille to the loudspeaker before you play music. Each Resolution Series loudspeaker is equipped with a snap-on grille, which consists of grille cord (3) strung between two metal grille blocks (1). This grille is shipped in the cardboard box marked "grille".

### Attach the Loudspeaker Grille:

- Grasp the grille blocks on each end of the grille and lift the grille out of the grille box.  
On the Resolution 1, 2, 3, and 4 loudspeakers, place the grille block with the Krell logo (2) on the bottom front. Place the other grille block (1) on the top front.  
On the Resolution C loudspeaker, place one grille block on the left front. Place the other grille block on the right front.

- Gently guide the grille locator pins (4) into the two grille holes (14) on the bottom front of the loudspeaker.  
On the Resolution C, guide the grille locator pins into the two grille holes on the left or right front of the loudspeaker.
- Grasp the remaining grille block, allowing it to rest between the thumb and forefinger of each hand.
- Pull firmly to stretch the grille cords, until the grille locator pins align with the two grille holes on the top front of the loudspeaker.  
On the Resolution C, stretch the grille cords to the right or left.
- Gently guide the pins into the grille holes. You hear a click when the grille is in place.

Figure 1 Resolution 1 Front and Back

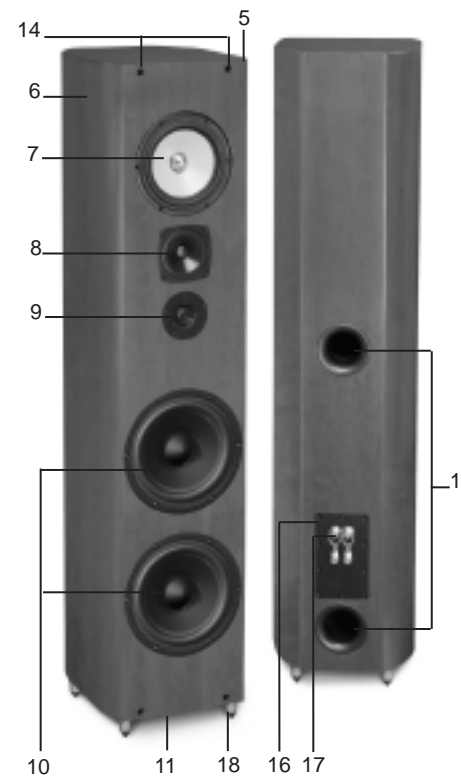


Figure 2 Resolution 2 Front and Back

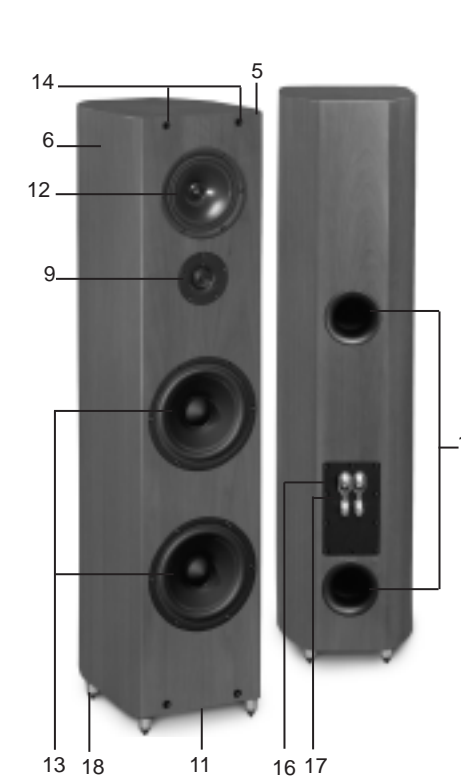


Figure 3 Loudspeaker Grille

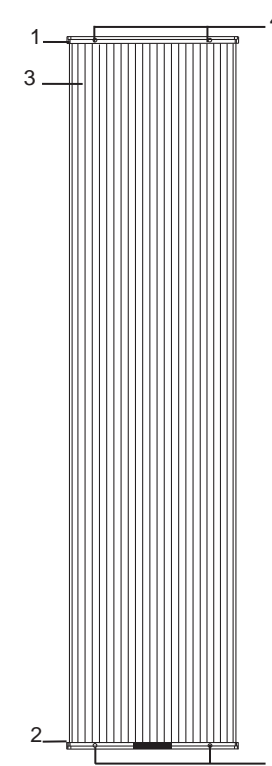


Figure 4 Resolution 3 Front and Back

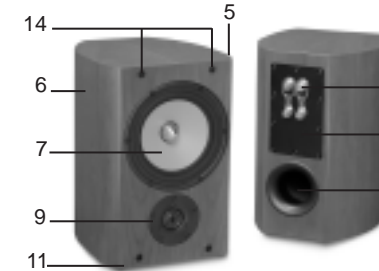


Figure 5 Resolution 4 Front and Back

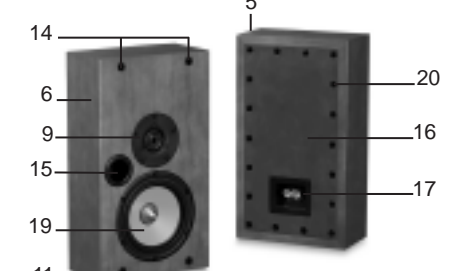
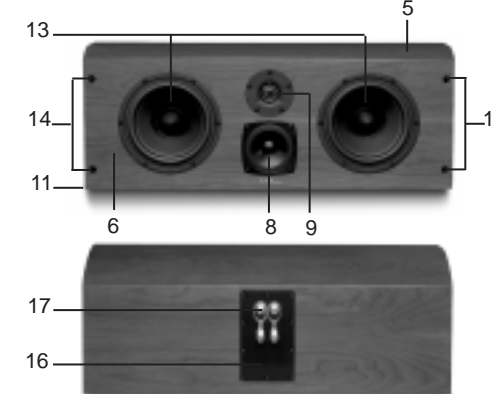


Figure 6 Resolution C Front and Back



- Grille Block
- Grille Block with Logo
- Grille Cord
- Grille Locator Pins
- Top
- Enclosure. Cherry finish
- 8-inch Magnesium Cone Mid-woofer
- 4-inch Midrange Driver
- 1-inch Dual Concentric Ring Tweeter
- 10-inch Aluminum Cone Woofer
- Bottom
- 6.5-inch Midrange Driver
- 8-inch Aluminum Cone Woofer
- Grille Holes
- Port
- Back Panel
- Binding Posts
- Feet
- 6.5-inch Midbass Driver
- Back Panel Screws