KRELL

THE LEADER IN AUDIO ENGINEERING

RESOLUTION 1
RESOLUTION 2
RESOLUTION 3
RESOLUTION C

RESOLUTION SERIES *LOUDSPEAKERS*

Owner's Reference

Resolution Series Loudspeakers

Resolution 1, 4-way Floor standing Loudspeaker
Resolution 2, 3-way Floor standing Loudspeaker
Resolution 3, 2-way Bookshelf Loudspeaker
Resolution C, 3-way Center Channel Loudspeaker

Owner's Reference, v 04.0

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CE

This product complies with the EMC directive (89/336/EEC) and the low-voltage directive (73/23/EEC).

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SECTION **ONE**

About Krell

Thank you for your Resolution Series loudspeaker purchase.

This section describes the Krell Legacy, Krell's innovative loudspeaker design and technology, and defines key terms used in this reference.

The Krell Legacy

"I design every Krell component to set the standard for workmanship, style, and performance."

Dan D'Agostino

High-end audio is a demanding pursuit—an ongoing quest for excellence in music reproduction that drives equipment manufacturers to strive for the absolute in design and performance. With a keen understanding of this passionate drive, Krell Industries, Inc., was founded in 1980.

For more than two decades, Krell has earned a distinguished reputation for engineering innovation and product excellence. The company's history is replete with product introductions that have deeply impacted the high-end audio industry. The most discriminating audiophiles and product reviewers have consistently recognized Krell components for standard-setting performance.

The Lossless Acoustic Transducer (LAT) Series of loudspeakers introduced the next era at Krell Industries —the era of loudspeaker design and manufacture. The Resolution Series Loudspeakers apply the same technology and design principles that are the foundation of the LAT Series. The combination of state-of-the-art components, extremely efficient, well designed crossover networks, and beautifully crafted cabinets create a unique loudspeaker series, unlike any before.

The Resolution Series Loudspeakers

All Resolution loudspeakers feature heavily braced enclosures with 2" 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 designed by Krell.

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

Unparalleled Sonic Performance

From the first Krell product—the KSA–100—to the present, Dan D'Agostino has continually "pushed the envelope" of performance in his search for greater amplifier power, and now, loudspeaker response. His exploration of technologies, driven by his never-ending quest to elevate the standard of excellence, has resulted in breakthrough audio designs.

Over the years, the Krell line of power amplifiers, including benchmark products such as the KRS–100, KRS–200, and the Audio Standard models, has established a legacy of unparalleled sonic performance—the Krell level of performance. The LAT Series, the first loudspeaker series introduced by Krell, brought the Krell level of performance to loudspeakers worldwide. The Resolution Series of loudspeakers continues this Krell tradition.

Dan D'Agostino remains committed to the development of new designs and technologies. And the Krell legacy will continue to evolve with products that deliver innovative engineering, perfection in build quality, and outstanding audio performance.

Definition of Terms

Following are the definitions of key terms used in your owner's reference manual.

Technology

Krell HEAT Krell HEAT, or High End Audio Theater, is a design application incorporated into Krell components to enhance multi-channel home entertainment systems. A Krell HEAT system is an integrated home theater system consisting of a state-of-the-art Krell preamp/processor and matching amplifiers and loudspeakers that reproduce two-channel and multi-channel sources with audiophile sound quality, placing listeners in the middle of a lifelike environment.

Crossover A crossover is used to maximize the efficient delivery of all of the sound reproduction tasks across the entire audible spectrum. The crossover splits the audible spectrum into separate frequency bands for the distribution of content to different drivers in a loudspeaker. A two-way crossover, for instance, may split the audible spectrum into two frequency bands, from 20 Hz to 2 kHz and from 2kHz to 20 kHz and above. The loudspeaker woofer driver reproduces content from 20 Hz to 2 kHz, while the tweeter reproduces content from 2 kHz to 20 kHz and above.

SECTION **TWO**

Unpacking and Placement

This section describes the procedures for safely unpacking and placing your Resolution loudspeakers.

Opening a Resolution 1, 2, 3, or C Shipping Box

Resolution 1, four-way floor standing loudspeaker. Each Resolution 1 shipping box measures 21 in. (53.3 cm) wide by 62 in. (157.5 cm) high by 24 in. (61 cm) deep and contains one Resolution 1 loudspeaker. The combined weight of the box and loudspeaker is 215 lb. (97.7 kg). Each Resolution 1 loudspeaker measures 13.2 in. (33.5 cm) wide by 58 in. (147.3 cm) high by 19.7 in. (50.0 cm) deep and weighs 195 lb. (88.2 kg).

Resolution 2, 3-way floor standing loudspeaker. Each Resolution 2 shipping box measures 19 in. (48.3 cm) wide by 52 in. (132.1 cm) high by 24 in. (61 cm) deep and contains one Resolution 2 loudspeaker. The combined weight of the box and loudspeaker is 160 lb. (72.7 kg). Each Resolution 2 loudspeaker measures 11.6 in. (29.5 cm) wide by 48 in. (121.9 cm) high by 19.7 in. (50.0 cm) deep and weighs 140 lb. (63.3 kg).

Resolution 3, 2-way bookshelf loudspeaker. Each Resolution 3 shipping box measures 19 in. (48.3 cm) wide by 22 in. (55.9 cm) high by 20 in. (50.8 cm) deep and contains one Resolution 3 loudspeaker. The combined weight of the box and loudspeaker is 55 lb. (25 kg). Each Resolution 3 loudspeaker measures 11.3 in. (28.7 cm) wide by 16.0 in. (40.6 cm) high by 16.7 in. (42.4 cm) deep with an estimated weight of 45 lb. (20.4 kg).

Resolution C, 3-way center channel loudspeaker. Each Resolution C shipping box measures 38.8 in. (98.6 cm) wide by 20.3 in. (51.4 cm) high by 20.3 in. (51.4 cm) deep and contains one Resolution C loudspeaker. The combined weight of the box and loudspeaker is 100 lb. (45.5 kg). Each Resolution C loudspeaker measures 32 in. (81.3 cm) wide by 12.3 in. (31.2 cm) high by 16.7 in. (42.4 cm) deep and weighs 90 lb. (40.7 kg).

Krell recommends that you have two people remove a floor standing loudspeaker from its shipping box. Three to four people are needed to safely move a floor standing loudspeaker to its place in the listening area. For all models, attach the loudspeaker grille after you place the loudspeaker in position in the listening area.

To Remove the Resolution Loudspeaker from the Shipping Box

The shipping box is designed to open safely and easily. Inside the box, the Resolution loudspeaker is enclosed in a protective sleeve, and is further protected by foam pads. The only tool you need is a box cutter, to remove the loudspeaker from the shipping box.

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 the steps below to unpack any loudspeaker model:

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 and slit the tape all 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 and open the flaps.

If you are unpacking a Resolution 3, *skip to Step 6.*
If you are unpacking a Resolution C, skip to page 7:

5. Remove the foam pad containing two cardboard boxes, marked “accessories” and “grille”, and set aside.

Continue the unpacking process for the Resolution 1, 2, or 3.

6. The loudspeaker is lying on its side. The top and bottom of the loudspeaker are inset into foam pads. These cannot be removed while the loudspeaker is in the box. Remove the moveable foam pads protecting the sides of the loudspeaker.

7. Locate the foam pad labeled TOP: this pad protects the top of the loudspeaker. Carefully lift the loudspeaker carton to a standing position, upside down. Orientation: the foam pad on the floor is labeled TOP. Make certain that the loudspeaker stays inside the carton as you bring it to the vertical position.
two people needed

8. Kneel down and grasp the foam pad labeled TOP.

9. Carefully slide the loudspeaker out and away from the inner and outer cartons. The loudspeaker is still upside down, and the foam pads marked TOP and BOTTOM are still on the loudspeaker.
   two people needed
10. Set the inner and outer cartons aside.
11. Locate the foam pad labeled BOTTOM: this pad protects the bottom of the loudspeaker.
12. Remove the foam pad labeled BOTTOM.
13. Open the band that secures the protective sleeve around the loudspeaker.
14. Gently slide the sleeve down, toward the foam pad labeled TOP.

If you are installing feet on the Resolution 1 or Resolution 2 loudspeaker, *skip to Step 17.*

15. Carefully invert the loudspeaker so that the bottom of the loudspeaker cabinet is on the floor.
16. Remove the foam pad labeled TOP, and remove the protective sleeve.
    2 people needed

You are ready to position the Resolution 3 in the listening area. *See* ***Placement,*** *on page 8.*

To install feet on the Resolution 1 or Resolution 2 loudspeakers:

17. Locate the spikes, rubber feet and locking washers, in the small cardboard box marked “accessories”.
18. Choose the set of feet you want to use on your 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.

19. Thread the washers onto the feet.

20. Screw each foot/washer assembly into the four screw holes located on the bottom of the loudspeaker.

21. Spin the washers counterclockwise up the shaft of each foot to secure the foot.

22. Carefully invert the loudspeaker so that it is resting on the feet.

23. Remove the top foam end cap and sleeve.
2 people needed

You are ready to position the Resolution 1 or Resolution 2 in the listening area. *See* ***Placement,*** *on page 8.*

To continue the unpacking process for the Resolution C, *after completing Steps 1-4 on page 5:*

6. The loudspeaker is lying on its side. The sides of the loudspeaker are inset into foam pads. These cannot be removed while the loudspeaker is in the box. Remove the moveable foam pads protecting the front and back of the loudspeaker.

7. Kneel down and grasp the bottom side foam pad.

8. Carefully slide the loudspeaker out and away from the inner and outer cartons. The loudspeaker is still on its side, and the foam pads still protect the loudspeaker sides.
two people needed

9. Set the inner and outer cartons aside.

10. Remove the top side foam pad from the side of the loudspeaker.

11. Open the band that secures the protective sleeve around the loudspeaker.

12. Gently slide the sleeve down, toward the bottom side foam pad.

13. Carefully rotate the loudspeaker so that the bottom of the cabinet is on the floor.

14. Remove the remaining foam pad and the protective sleeve.
2 people needed

You are ready to position the Resolution C in the listening area. *See* ***Placement,*** *on page 8.*

Placement

All loudspeakers interact with the environment in which they are placed. Loudspeaker performance is influenced by the size, shape, and contents of the listening room as well as the placement of the loudspeaker within the room.

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 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 loudspeaker too close to the side walls. Krell encourages you to experiment and find the placement that reflects your personal preference.

When the loudspeaker is in position in the listening area, you are ready to attach the loudspeaker grille.

Attach the Loudspeaker Grille

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 accessory box marked “grille”.

1. Grasp the grille blocks on each end of the grille and lift the grille out of the grille box.

On the Resolution 1, 2, and 3 loudspeakers, position the grille block with the Krell logo (2) on the bottom front of the loudspeaker.

On the Resolution C loudspeaker, place one grille block on the left front of the loudspeaker.

2. 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 front of the loudspeaker.

3. Grasp the remaining grille block, allowing it to rest between the thumb and forefinger of each hand.

4. 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.

5. Gently guide the pins into the grille holes. You hear a click when the grille is in place.

Detach the Loudspeaker Grille before You Move the Loudspeaker

1. Grasp the grille block (1) attached to the top front of the loudspeaker.

   On the Resolution C, grasp the grille block attached to the right of the loudspeaker.

2. Gently pull the grille block straight out until the grille locator pins slide out of the grille holes.

3. Remove the grille block with the Krell logo (2) from the bottom front of the loudspeaker.

   On the Resolution C, remove the grille block from the left side of the loudspeaker.

4. To protect the grille, place it in the grille box until you are ready to reinstall it.

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.

SECTION **THREE**

Anatomy of a Loudspeaker

This section describes Resolution features and benefits.

Figure 1 Resolution 1 Front and Back Panels, and Grille

continued ▶

Figure 2 Resolution 2 Front and Back Panels

1 Grille Block
2 Grille Block with Logo
3 Grille Cord
4 Grille Locator Pins
5 Top
6 Enclosure. Cherry finish
7 8-inch Magnesium Cone Mid-woofer
8 4-inch Midrange
9 1-inch Dual Concentric Ring Tweeter
10 10-inch Aluminum Cone Woofer
11 Bottom
12 6.5-inch Midrange
13 8-inch Aluminum Cone Woofer
14 Grille Holes
15 Port
16 Back Panel
17 Binding Posts
18 Feet

Figure 3 Resolution 3 Front and Back Panels

5 Top
6 Enclosure. Cherry finish
7 8-inch Magnesium Cone Mid-woofer
8 4-inch Midrange
9 1-inch Dual Concentric Ring Tweeter
11 Bottom
13 8-inch Aluminum Cone Woofer
14 Grille Holes
15 Port
16 Back Panel
17 Binding Posts

Figure 4 Resolution C Front and Back Panels

Enclosure

The Resolution Series loudspeaker enclosures feature a Medium Density Fiberboard (MDF) design. Excellent resistance to vibration is achieved using a minimum 1" thickness of MDF. The baffles of all Resolution loudspeakers are 2" thick, which further damps unwanted resonance. In addition, the liberal use of internal bracing deadens the enclosures. Ideal operating environments for the midrange and tweeter drivers are provided by specialized sub-enclosures that isolate these drivers from the resonant effects of the woofer drivers. Large radiuses at the rear corners of the enclosure reduce the effect of internal standing waves, and contribute to the refined appearance of the loudspeakers.

Crossover Design

Each group of driver units (tweeter, midrange, and woofer) has its own dedicated crossover circuit board. Each circuit board is made of double-sided fiberglass and has a number of unique elements. To minimize parasitic inductance and resistance, multiple capacitors are connected in parallel, and air-core inductors are wound with oversize wire. This design allows each drive unit to handle its portion of the music signal without strain, maximizes power delivery, and increases signal linearity. High-current polypropylene film capacitors are used liberally in the audio signal path.

Similarly, the resistors in the crossover networks are connected in parallel to minimize parasitic inductance and maximize current capacity and power dissipation. Oversized, high-power, wirewound resistors are used exclusively.

All the inductors are air-core types; they do not suffer from any of the nonlinearities at low signal levels or saturation at high signal levels that iron-core inductors exhibit. All the inductors are wound with oversize wire, reducing parasitic resistance to a fraction of an Ohm.

Drivers

All Resolution loudspeakers feature tweeters that have a dual concentric design, with very well-damped ultrasonic resonance and a response beyond 40 kHz.

The 4-inch midrange driver used in the Resolution C and Resolution 1 features a 1-piece chassis and a 1-piece cone and surround. This type of construction minimizes the resonant properties caused by component part boundaries. The Resolution 2 uses a 6.5-inch midrange driver that features a wood fiber cone for wide frequency response and resistance to break up at high playback levels. A larger motor structure with custom suspension enables long, linear travel for the cone, contributing this driver's low distortion.

The Resolution 3 and Resolution 1 employ a unique 8-inch mid-woofer driver. This driver features an ultra-light magnesium cone for extended midrange frequency response. The 8-inch cone dimension provides better low frequency projection and impact, and a larger motor extends low frequency response while lowering distortion. The 10-inch and 8-inch woofers used in the Resolution 1 and 2 feature aluminum cones that are extremely rigid, for a fast response with enhanced low frequency impact. Here again, a large motor extends low frequency response while lowering distortion.

Discrete Driver Environment

All drivers in the Resolution Series operate in an ideal environment, which is designed to preserve clarity and promote an uncolored sonic presentation. To isolate the drivers from the operating pressures of the main enclosure, the Resolution 1 loudspeaker employs a sub-enclosure for the midbass driver and the Resolution 2 loudspeaker is designed with a sub-enclosure for the midrange driver. The midrange driver in the Resolution 1 and Resolution C loudspeakers and the tweeter in all models have an integral sealed-chassis design which isolates these drivers from the main enclosure.

Multi-port Design

In the Resolution 1, 2, and 3, the computer-optimized, multi-port design minimizes compression, which can cause loss of sound quality, especially in the bass range, at higher output levels. This design allows full excursion of drivers and the resulting depth and range of music reproduction.

Loudspeaker Feet

Chrome plated brass spikes, rubber feet, and locking washers are included with the Resolution 1 and 2 floor standing loudspeakers. The sharp pointed spikes are ideal for carpeted floors. The rubber feet protect tile and wood floors.

SECTION **FOUR**

Connecting a Resolution Series Loudspeaker to Your System

All Resolution 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 that all power sources and components are off before connecting system components.
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.

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.

SECTION **FIVE**

Krell HEAT: Home Theater Technology

The Krell Resolution Series loudspeakers are part of a whole family of loudspeakers newly designed by Krell. The Resolution 2, 3, and C are voiced precisely for use with the Resolution 1. Together with the Resolution Subwoofer and a select array of Krell electronics, these components combine to create two Krell High End Audio Theater (HEAT) loudspeaker systems: The Resolution Theater I System, and the Resolution Theater II System, continuing the Krell tradition of making the best high-performance audio technology available for home theater.

Today's home theater soundtracks contain a demanding range of dynamic material, from the softest music or whispered conversation to the roar of a jet take-off. The soundtrack plays a key role in the action seen on the screen and its content is becoming increasingly complex with each theatrical release. Resolution Series loudspeakers address the demands of these soundtracks in three ways: superior power handling, ultra-fast response, and high resolution at all levels.

Resolution Series loudspeakers, driven by Krell amplifiers, guarantee that you will experience the soundtrack of any film, just as the director intended.

Warranty

Each Resolution Series loudspeaker has a limited warranty of five years for parts and labor. Should this product fail to perform at any time during the warranty, Krell will repair it at no cost to the owner, except as set forth in this warranty.

This warranty does not apply to damage caused by acts of God or nature.

The warranty described on this page shall be in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. There are no warranties which exceed beyond those described in this document. If this product does not perform as warranted herein, the owner's sole remedy shall be repair. In no event will Krell be liable for incidental or consequential damages arising from purchase, use, or inability to use this product, even if Krell has been advised of the possibility of such damages.

Proof of purchase in the form of a bill of sale or receipted invoice substantiating that the unit is within the warranty period must be presented to obtain warranty service. The warranty begins on the date of the original retail purchase, as noted on the bill of sale or receipted invoice from an authorized Krell dealer or distributor. Previously owned equipment, when re-purchased from an authorized Krell dealer or distributor, has the balance of the original warranty, based on the original date of manufacture.

The warranty for Krell products is valid only in the country to which they were originally shipped, through the authorized Krell distributor for that country, and at the factory. There may be restrictions on or changes to Krell's warranty because of regulations within a specific country. Please check with your distributor for a complete understanding of the warranty in your country.

If a unit is serviced by a distributor who did not import the unit, there may be a charge for service, even if the product is within the warranty period.

Freight to the factory is your responsibility. Return freight within the United States (U.S.A.) is included in the warranty. If you have purchased your Krell product outside the U.S.A. and wish to have it serviced at the factory, all freight and associated charges to the factory are your responsibility.

Krell will pay return freight to the U.S.A.-based freight forwarder of your choice. Freight and other charges to ship the unit from the freight forwarder to you are also your responsibility.

Krell is not responsible for any damage incurred in transit. Krell will file claims for damages as necessary for units damaged in transit to the factory. You are responsible for filing claims for shipping damages during the return shipment.

Krell does not supply replacement parts and/or products to the owner of the unit. Replacement parts and/or products will be furnished only to the distributor performing service on this unit on an exchange basis only; any parts and/or products returned to Krell for exchange become the property of Krell.

No expressed or implied warranty is made for any Krell product damaged by accident, abuse, misuse, natural or personal disaster, or unauthorized modification.

Any disassembly, component replacement, perforation of chassis, updates, or modifications performed to the unit will void the warranty.

In the event that Krell receives a product for warranty service that has been modified in any way without Krell authorization, all warranties on that product will be void. The product will be returned to original factory layout specifications at the owner's expense before it is repaired. All repairs required after the product has been returned to original factory specifications will be charged to the customer, at current parts and labor rates.

All operational features, functions, specifications, and policies are subject to change without notification.

To register your product for warranty benefits, please complete and return the Warranty Registration Card enclosed in the shipping box within 15 days of purchase. Thank you.

Return Authorization Procedure

If you believe there is a problem with your component, please contact your dealer, distributor, or the Krell factory to discuss the problem before you return the component for repair. To expedite service, you may wish to complete and e-mail the Service Request Form in the Service Section of our website at:

http://www.krellonline.com/html/c_servicerequest.html

To contact the Krell Service Department

TEL	203-799-9954, Monday-Friday 9:00 AM to 5:00 PM EST
FAX	203-799-9796
E-MAIL	service@krellonline.com
WEBSITE	http://www.krellonline.com

Krell Resolution Loudspeaker

PRODUCT	MODEL NUMBER	SERIAL NUMBER

To return a product to Krell, please follow this procedure so that we may serve you better.

1. Obtain a Return Authorization Number (R/A number) and shipping address from the Krell Service Department.
2. Insure and accept all liability for loss or damage to the product during shipment to the Krell factory and ensure all freight (shipping) charges are prepaid.

The product may also be hand delivered if arrangements with the Service Department have been made in advance. Proof of purchase will be required for warranty validation at the time of hand delivery.

IMPORTANT

Use the original packaging to ensure the safe transit of the product to the factory, dealer, or distributor. Krell may, at its discretion, return a product in new packaging and bill the owner for such packaging if the product received by Krell was boxed in nonstandard packaging or if the original packaging was so damaged that it was unusable. If Krell determines that new packaging is required, the owner will be notified before the product is returned.

To purchase additional packaging, please contact your authorized Krell dealer, distributor, or the Krell Service Department for assistance.

Specifications

Resolution 1 Loudspeaker

A four-way floor standing loudspeaker with two 10" aluminum cone woofers, one 8" mid-woofer with magnesium cone, one 4" midrange with polypropylene cone, and one 1" dual-concentric ring tweeter with integral waveguide. A sub-enclosure houses the mid and high frequency drive elements. Krell high-current crossover featuring double-sided glass epoxy circuit boards used throughout. Spiked feet are included. Cherry finish.

Sensitivity 90 dB SPL (2.83V @ 1 m),
4 Ohm nominal impedance

Frequency response 25Hz-22kHz +/- 3dB

Dimensions (w x h x d)
UNIT ONLY 13.2 x 58.0 x 19.7 in.
33.5 x 147.3 x 50.0 cm
SHIPPED 21 x 62 x 24 in. / 53.3 x 157.5 x 61 cm

Weight
UNIT ONLY 195.0 lb. / 88.2 kg
SHIPPED 215.0 lb. / 97.7 kg

Resolution 2 Loudspeaker

A three-way floor standing loudspeaker with two 8" woofers, one 6.5" midrange driver, and one 1" dual-concentric ring tweeter with integral waveguide. A sub-enclosure houses the mid and high frequency drive elements. Krell high-current crossover featuring double-sided glass epoxy circuit boards used throughout. Spiked feet are included. Cherry finish.

Sensitivity 89 dB SPL (2.83V @ 1 m),
4 Ohm nominal impedance

Frequency response 28Hz-22kHz +/- 3 dB

Dimensions (w x h x d)
UNIT ONLY 11.6 x 48.0 x 19.7 in.
29.5 x 121.9 x 50.0 cm
SHIPPING BOX 19 x 52 x 24 in.
48.3 x 132.1 x 61.0cm

Weight
UNIT ONLY 140.0 lb. / 63.3 kg
SHIPPED 160.0 lb. / 72.7 kg

Resolution 3 Loudspeaker

A two-way bookshelf loudspeaker with one 8" mid-bass driver with a magnesium cone, and one 1" dual-concentric ring tweeter with integral waveguide. Krell high-current crossover featuring double-sided glass epoxy circuit boards used throughout. Cherry finish.

Sensitivity 88 dB SPL (2.83V @ 1 m),
4 Ohm nominal impedance

Frequency response 45Hz-22kHz +/- 3dB

Dimensions (w x h x d)
UNIT ONLY
11.3 x 16.0 x 16.7 in. / 28.7 x 40.6 x 42.4 cm
SHIPPING BOX 19 x 22 x 20 in.
48.3 x 55.9 x 50.8 cm

Weight
UNIT ONLY 45.0 lb. / 20.4 kg
SHIPPED 55.0 lb. / 25.0 kg

Resolution C Loudspeaker

A three-way center channel loudspeaker with two 8" woofers, one 4" midrange, and one 1" dual-concentric ring tweeter with integral waveguide. A sub-enclosure houses the mid and high frequency drive elements. Krell high-current crossover featuring double-sided glass epoxy circuit boards used throughout. Cherry finish.

Sensitivity 89 dB SPL (2.83V @ 1 m),
4 Ohm nominal impedance

Frequency response 48Hz-22kHz +/- 3dB

Dimensions (w x h x d)
UNIT ONLY 32.0 x 12.3 x 16.7 in.
81.3 x 31.2 x 42.4 cm
SHIPPING BOX 38.8 x 20.3 x 20.3 in.
98.6 x 51.4 x 51.4 cm

Weight
UNIT ONLY 90.0 lb. / 40.7 kg
SHIPPED 100.0 lb. / 45.5 kg