

Revel[®]
CONCERT*a*[™]

M10
Owner's Manual



Revel® Concerta™ M10 Owner's Manual

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Introduction

Revel® Concerta™ M10

The Revel® Concerta™ M10 satellite speaker continues the longstanding Revel commitment to accurate sound reproduction. The proprietary transducers utilizing Micro Ceramic Composite (MCC) diaphragms, precision dividing networks, sophisticated high-frequency waveguides and rigid enclosures all combine to deliver uncompromising performance in any stereo or multichannel home theater system. In addition, these speakers are magnetically shielded for safe placement near a CRT television.

Unpacking the Speaker

Carefully unpack the speaker. If you suspect damage from transit, report it immediately to your dealer and/or delivery service. Keep the shipping carton and packing materials for future use. Open the package and verify the following contents:



(1) Satellite speaker



(1) Wall bracket with wall bracket cover



(1) Bottom foot



(1) Medium collar



(1) Table stand plate



(1) Small collar



(1) Large collar

Part A



Part B



(2) Wall-mount end caps (attached to satellite)



(1) Flat-head Phillips screw 1/4-20 x 1-1/4"



(1) Pan-head Phillips screw 1/4-20 x 3/4"



(6) Flat-head Phillips screws 1/4-20 x 7/8"



(2) Pan-head Phillips screws 1/4-20 x 1"



(3) 1/4-20 Flat washers



(3) 1/4-20 Nuts



(1) Allen wrench

Planning Your System

Before deciding where to best place your speakers, survey your room and study Figures 1 and 2.

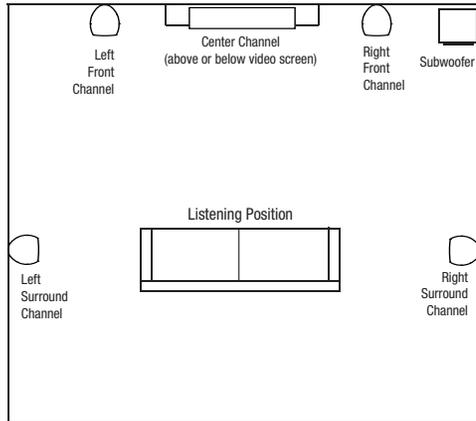


Figure 1: In this overhead view of a typical 5-channel installation, satellites are used to reproduce sound for the front and surround channels. A dedicated loudspeaker reproduces the center channel, and a subwoofer reproduces low frequencies below the crossover point.

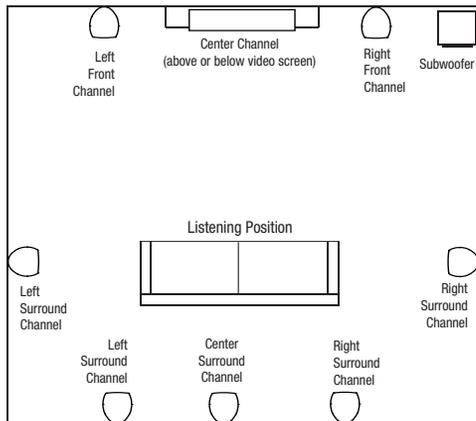


Figure 2: This overhead view shows a typical home theater plan. Left/right rear channels are for a 7-channel system. The center rear channel is for a 6-channel system.

Note: The Revel Concerta M10 is ideally suited for use with a subwoofer. Contact your Revel dealer for recommendations on subwoofer models for your application.

Placement

Note: The satellite speakers can be placed directly on a shelf or tabletop, using one of the three included shelf stands, or mounted on a wall using the included wall brackets. Optional floor stands are also available. Please contact your dealer.

Left and Right Front Channels

For left and right front channels, place one satellite to the left and another to the right of the television, as shown in Figure 1. Since the speakers are magnetically shielded, you can place them close to a CRT TV without worrying about the magnetic field distorting the picture.

Surround Channels

For left and right surround channels, place one speaker on the left and another on the right, to the side of or slightly behind the listening area. The surround speakers should ideally be mounted at a height of between 4 feet and 7 feet.

In 6- or 7-channel configurations, place the rear channel(s) behind the listening position, as shown in Figure 2.

Installation

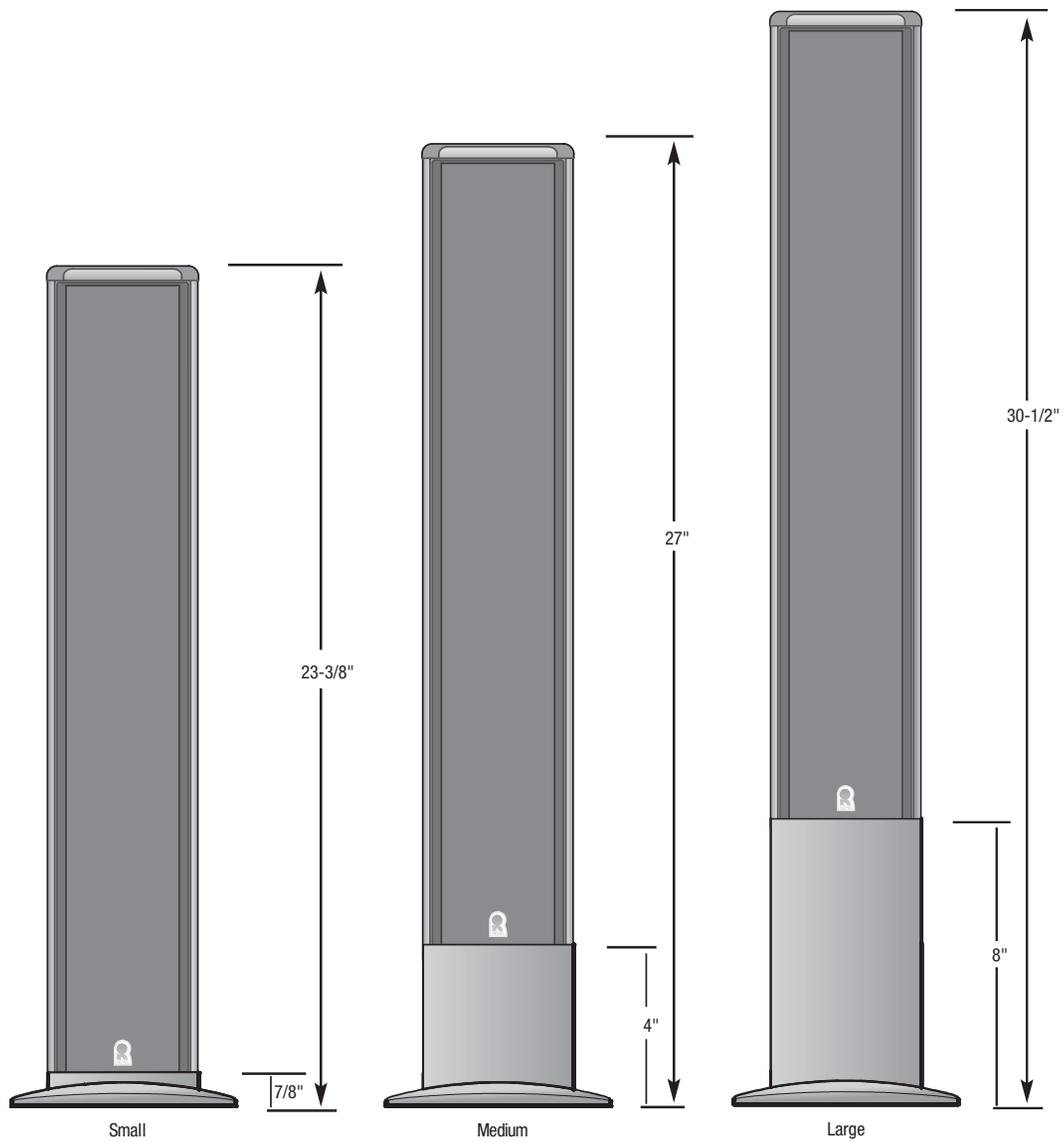
Please read through this owner's manual completely before attempting to install or connect the speakers. It is understandable that you may be anxious to play your new system, so every effort has been made to simplify the installation and connections of the Revel Concerta M10 loudspeakers.

Before proceeding, you should decide how you would like to install the M10 loudspeakers. They may be mounted on the included tabletop/shelf stands, mounted on the wall using the included wall bracket, or mounted to the optional floor stands.

Tabletop/Shelf Placement Assembly

Step One

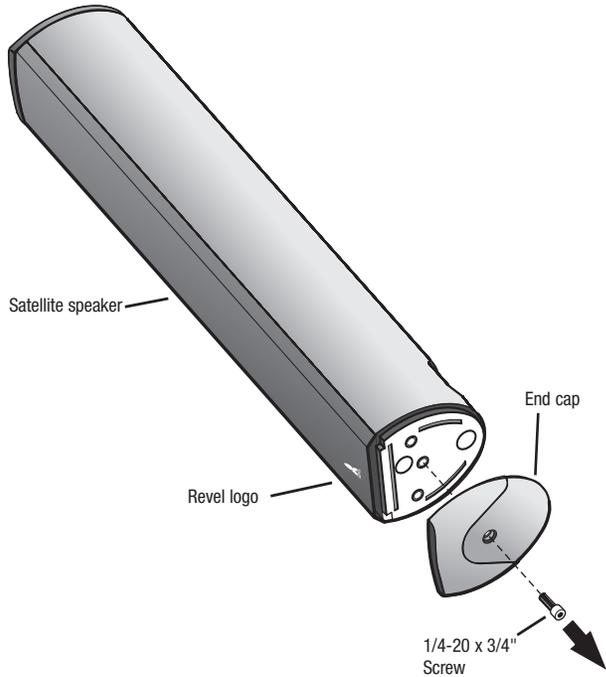
Choose one of the three shelf stands on which to mount the satellite. If you decide to place the stand next to a television, the television's height should be taken into consideration. If you choose the shortest stand, follow steps two to four on page 6. If you choose either of the taller stands, follow steps two to five on page 7.



Step Two

For Small Table Stand Assembly

Using the included Allen wrench, remove the bottom end cap of the speaker by unscrewing the single center screw on the bottom.

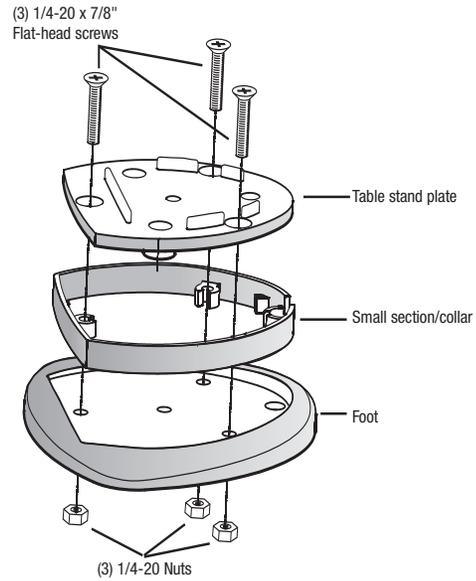


Note: The bottom is the end closest to the Revel logo on the front grille and the speaker connections on the rear.

Step Three

For Small Table Stand Assembly

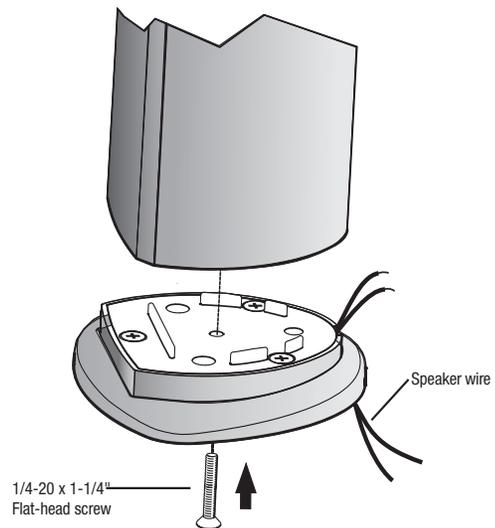
Assemble the table stand plate, the small section and the foot. Place three nuts (provided) in the base of the foot and secure them in place by inserting three screws (provided) through the top of the table stand plate.



Step Four

For Small Table Stand Assembly

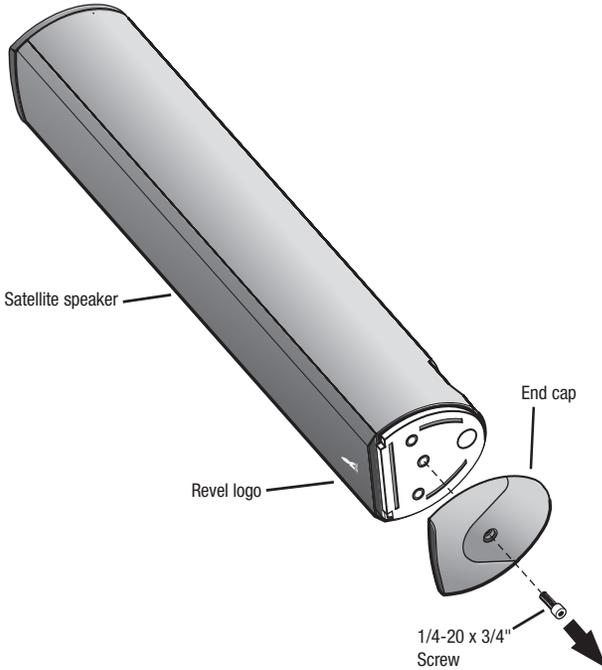
Run the speaker wire through the base, and screw the foot assembly to the speaker assembly.



Step Two

For Medium and Large Table Stand Assembly

Using the included Allen wrench, remove the bottom end cap of the loudspeaker by unscrewing the single center screw on the bottom.

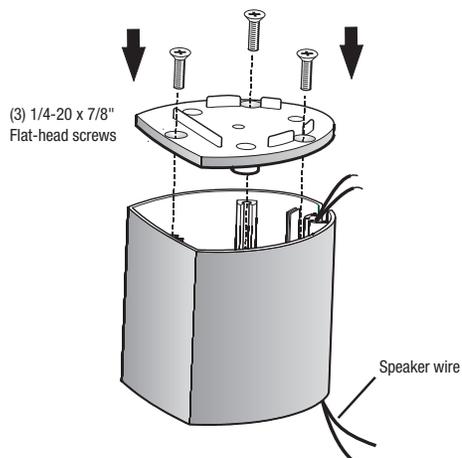


Note: The bottom is the end closest to the Revel logo on the front grille and the speaker connections on the rear.

Step Three

For Medium and Large Table Stand Assembly

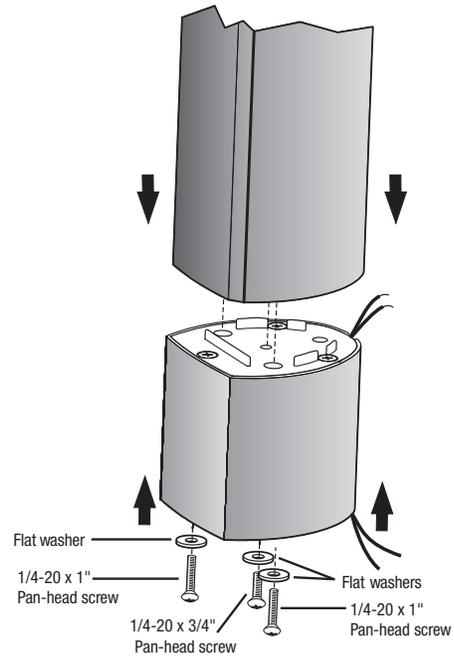
Run the speaker wire through the collar. Using three screws, attach the table stand plate to the medium or large section, as shown.



Step Four

For Medium and Large Table Stand Assembly

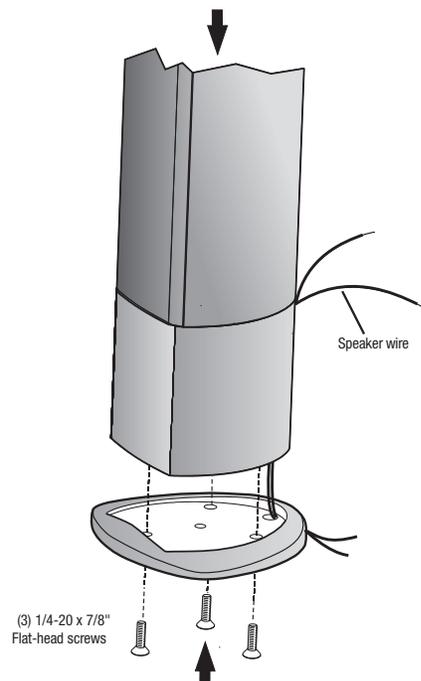
Use the screw and washer to attach the medium or large base assembly to the speaker assembly, as shown.



Step Five

For Medium and Large Table Stand Assembly

Run the speaker wire through the table stand plate. Use three screws (provided) to attach the plate to the bottom of the base assembly.



Wall-Mounting the M10

Using the Included Wall Bracket

The customer is responsible for the proper selection and use of mounting hardware, and for correctly and safely wall-mounting the speakers.

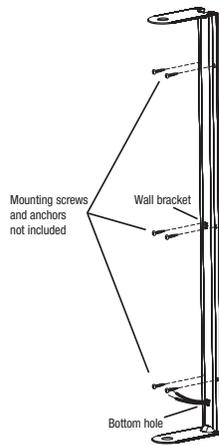
Step One

Remove the wall-bracket cover by removing the four wall bracket screws on the ends, as shown.



Step Two

Run the speaker wire behind the wall bracket and out through the hole at the bottom. After deciding where to place the satellite speaker, attach the wall bracket (in a vertical position) to the wall, using the appropriate screws and anchors.



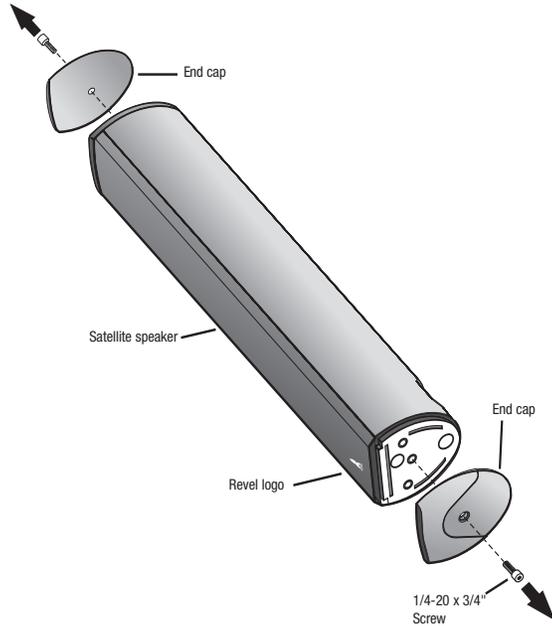
Step Three

Run the speaker wires out through the bottom hole of the wall bracket cover. Resecure in place, as shown, with four of the wall bracket screws.



Step Four

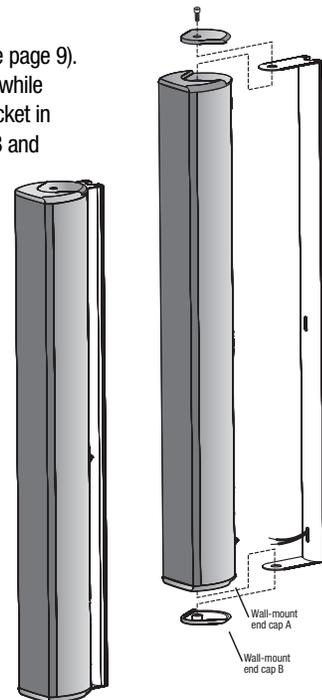
Using the included Allen wrench, remove the bottom end cap of the speaker by unscrewing the single center screw on bottom.



Note: The bottom is the end closest to the Revel logo on the front grille and the speaker connections on the rear.

Step Five

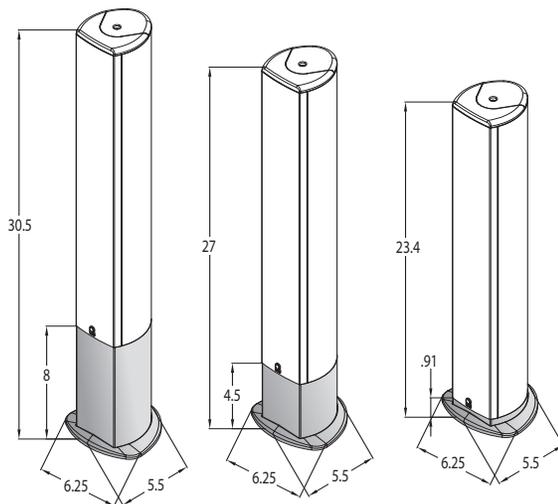
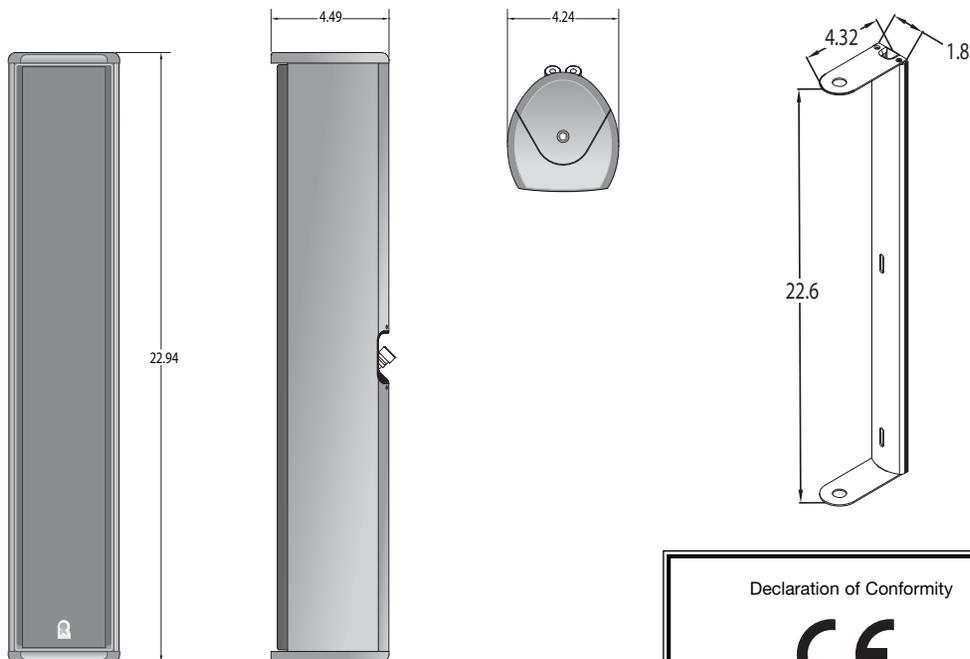
Connect the wires (see page 9). Replace the end caps while capturing the wall bracket in between parts A and B and securing it in place. Tighten until snug.



Specifications

Revel® Concerta™ M10

Frequency Response ($\pm 3\text{dB}$)	110Hz – 21kHz
Recommended Amplifier Power Range	10 – 150 Watts
Sensitivity (2.83V @ 1m, 2π anechoic)	89dB
Nominal Impedance	8 Ohms
Crossover Frequency	2-1/2-Way high-order at 400Hz and 2.2kHz
Low-Frequency Drivers	Dual 3" (76mm) woofers with Micro Ceramic Composite (MCC) cones
LF Extension	-3dB @ 110Hz, -6dB @ 100Hz, -10dB @ 80Hz
Mid-Frequency Drivers	Dual 3" (76mm) midrange transducers with Micro Ceramic Composite (MCC) cones
High-Frequency Driver	1" (25mm) tweeter with waveguide and Micro Ceramic Composite (MCC) dome
External Dimensions (H x W x D)	22-15/16" x 4-1/4" x 4-1/2" (582mm x 107mm x 113mm)
Weight (Net)	6.75 lb (3.1kg)



Declaration of Conformity

CE

We, Harman Consumer Group, Inc.
2, route de Tours
72500 Château du Loir
France

declare in own responsibility that the product described
in this owner's manual is in compliance with technical
standards:
EN 61000-6-3:2001
EN 61000-6-1:2001


 Laurent Rault
 Harman Consumer Group, Inc.
 Château du Loir, France 8/08

Limited Warranty

A valid serial number is required for warranty coverage. This Revel warranty protects the original retail purchaser for a period of five (5) years (parts and labor) from any failure as a result of original manufacturing defects, so long as:

1. The Revel products were purchased within the 50 United States, its territories or Canada.
2. The dealer from whom the Revel products were purchased was authorized to sell such products at the time of the original purchase.
3. The original, dated Bill of Sale is presented whenever service is required during the warranty period.

The balance of this warranty is transferable only if the used product is purchased from an authorized Revel dealer. This warranty is only valid for service within the United States, its territories and Canada; please contact an authorized Revel dealer for warranty and service information.

Any Revel product not performing satisfactorily may be returned to the factory for evaluation. Return authorization must first be obtained by either calling or writing Customer Service prior to shipping the product. The customer is responsible for shipping charges to the factory.

Customer Service will pay return shipping charges within the United States only in the event that the product is found to be defective, as mentioned above. There are other stipulations that may apply to shipping charges.

There is no other express warranty on this product. Neither this warranty nor any other warranty, express or implied, including implied warranties of merchantability and fitness, shall extend beyond the warranty period. No responsibility is assumed for any incidental or consequential damages, so that the above exclusion or limitation may not apply.

This warranty provides specific legal rights. Other states may provide additional rights. This warranty is applicable in the United States, its territories and Canada. Outside of the United States, its territories and Canada, please contact an authorized Revel dealer for warranty and service information. The information this document contains is subject to change without notice. In the event that there are differences between this warranty and the provisions of any advertisements, documentation, product brochures or packaging cartons, the terms of this warranty will prevail.

For customer service and product shipment information, go to www.revelspeakers.com.

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