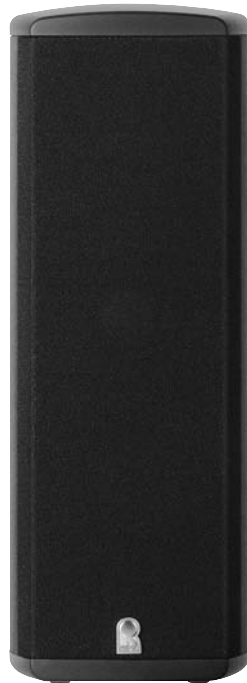


Revel[®]
CONCERT[™]*a*

M8
Owner's Manual



Revel® Concerta™ M8 Owner's Manual

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Introduction

Revel® Concerta™ M8

The Revel® Concerta™ M8 satellite loudspeaker 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

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.

Placement

Stereo

Before deciding where to place your speakers, survey your room and think about placement, keeping the following points in mind, using Figure 1 as a guide:

- For best results, place the speakers approximately 6'– 8' apart.
- Position each speaker so that the tweeter is approximately at ear level.
- Generally, bass output will increase as the speaker is moved closer to a wall or corner.
- Refer to the “Home Theater” section if you also plan to use the speakers for home theater reproduction.

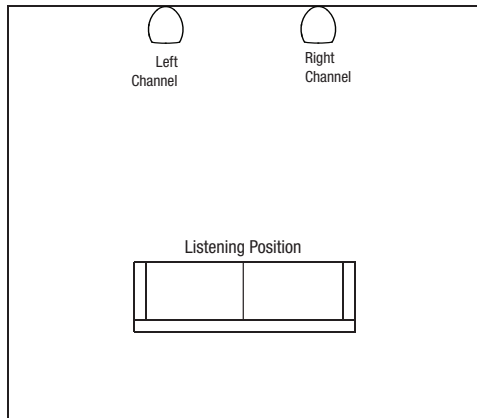


Figure 1: This overhead view shows typical positioning in stereo applications.

Home Theater

For front-channel use, place one speaker on the left and another on the right, along either side of the television monitor. Since the speakers are magnetically shielded, you can place them without worrying about the field distorting a CRT monitor. For surround-channel use, place speakers on the included brackets or on bookshelves alongside the listening position. Final placement depends on room acoustics, availability of space, and your listening preference (Figure 2).

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

Note: The Revel Concerta M8 is ideally suited for use with a subwoofer. Contact your Revel dealer for recommendations on subwoofer models for your application.

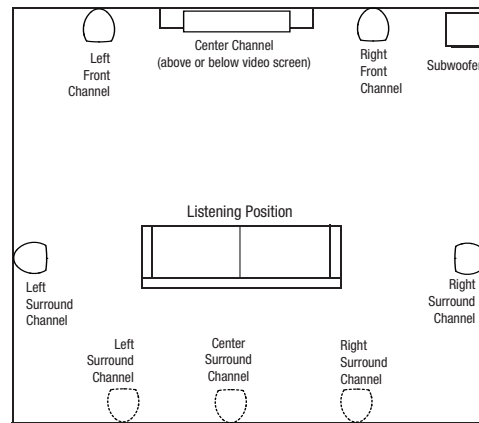


Figure 2: This overhead view shows a typical home theater plan. Left/right rear channels are for a 7-channel system. The center rear channel is for a 6-channel system.

Wall-Mounting the Satellites

Revel Concerta M8 satellites are designed to be used on a bookshelf or tabletop, or they can be mounted on the wall. A wall bracket is included with the M8. Each speaker bracket will require three 1-1/2", #10 wood screws; each screw should be fastened to a wall stud. If a wall stud is unavailable, install an anchor appropriate for a 1-1/2", #10 screw.

Note: The customer is responsible for the correct selection and use of mounting hardware (available through hardware stores) that will ensure the proper and safe wall-mounting of the speakers.

Step One

Place bracket against the wall and mark the positions on the wall where you would like to place the mounting screws.

Step Two

Place the bracket against the wall and fasten three 1-1/2", #10 wood screws through the bracket's screw holes into the wall. If a wall stud is not available, use an appropriate anchor.

Step Three

Remove rear foot, place the speaker on the bracket and insert the provided 1/4"-20 screw through the bottom of the bracket into the threaded insert on the bottom of the satellite (Figure 3). Turn satellite to desired angle and tighten.

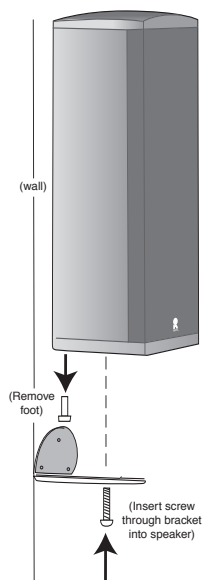


Figure 3: Bracket on wall.

Speaker Connections

Wiring and Polarity

First, turn off all audio-system power. Use high-quality speaker wire to make your connections. 18-Gauge speaker wire with polarity coding is recommended. For longer distances, 16-gauge or heavier wire is recommended. The side of the wire with a ridge or other coding is usually considered positive polarity (+). Also, consult the owner's manuals that were included with your amplifier or receiver to confirm connection procedures. Observe polarities when making speaker connections, as shown in Figure 4. Connect each + terminal on the back of the amplifier or receiver to the respective + (red) terminal on each speaker. Connect the - (black) terminals in the same way.

Important! DO NOT reverse polarities (+ to - or - to +) when making connections. Doing so will cause poor imaging and diminished bass response. Be certain that positive and negative wire strands are completely isolated to avoid short circuits that may damage your equipment.

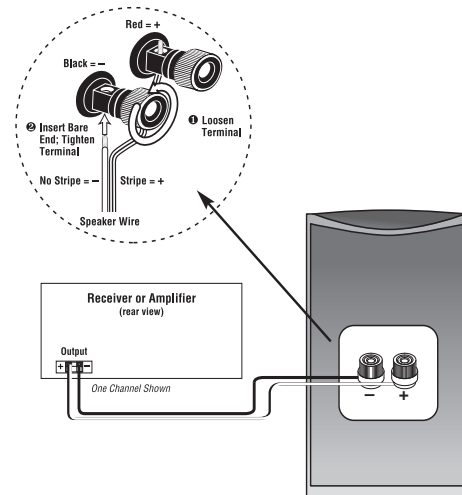


Figure 4: Wiring diagram shows polarity connections for one channel of an audio or home theater system.

Operation

Surround Modes

When using the system in a Dolby® Digital or DTS® home theater system, make sure the receiver or processor is set to “Small” for all M8 loudspeakers.

Some receivers/processors offer a choice of crossover frequencies. Select 110Hz as the crossover frequency for all M8 loudspeakers in the system.

Some Dolby Digital-equipped receivers/processors offer different setup options for each source or surround mode, e.g., CD-stereo, DVD, Dolby, Pro Logic®. In each case, follow your equipment’s instructions to ensure that the subwoofer output is turned on and that the speakers are set to “Small” or to a crossover frequency of 110Hz in each mode.

Maintenance and Service

The satellite enclosure may be cleaned using a soft cloth to remove fingerprints or to wipe off dust.

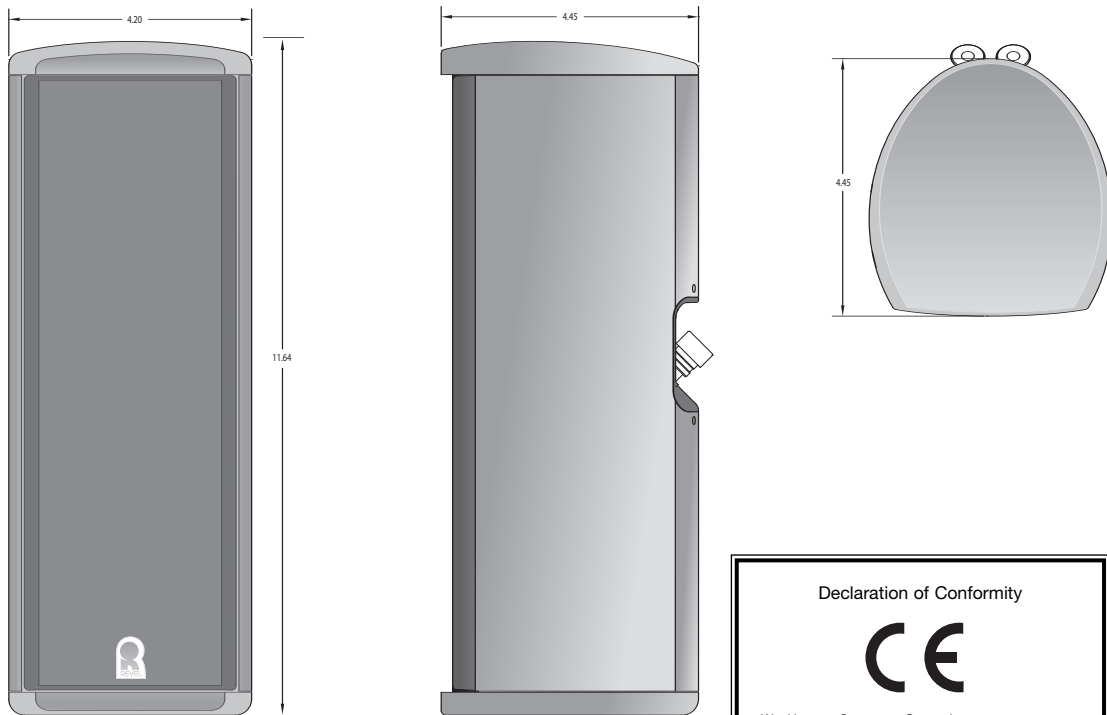
All wiring connections should be inspected and cleaned or remade periodically. The frequency of maintenance depends on the metals involved in the connections, atmospheric conditions and other factors, but once per year is the minimum.

If a problem occurs, make sure that all connections are properly made and clean. If a problem exists in one loudspeaker, reverse the connection wires to the left and right speakers. If the problem remains in the same speaker, then the fault is with the loudspeaker. If the problem appears in the opposite speaker, the cause is in another component or cable. If your M8 loudspeaker should ever need service, please contact your local dealer or distributor, or visit www.revelspeakers.com for the location of a service center.

Specifications

Revel® Concerta™ M8

Frequency Response ($\pm 3\text{dB}$)	110Hz – 21kHz
Recommended Amplifier Power Range	10 – 125 Watts
Sensitivity (2.83V @ 1m, 2π anechoic)	88dB
Nominal Impedance	8 Ohms
Crossover Frequency	2-Way high-order at 2.2kHz
Low-Frequency Drivers	Dual 3" (76mm) woofers with Micro Ceramic Composite (MCC) cones
LF Extension	-3dB @ 110Hz, -6dB @ 100Hz, -10dB @ 90Hz
High-Frequency Driver	1" (25mm) tweeter with waveguide and Micro Ceramic Composite (MCC) dome
External Dimensions (H x W x D)	11-5/8" x 4-1/4" x 4-1/2" (296mm x 107mm x 113mm)
Weight (Net)	3.45 lb (1.6kg)




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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Features, specifications and appearance are subject to change without notice.



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