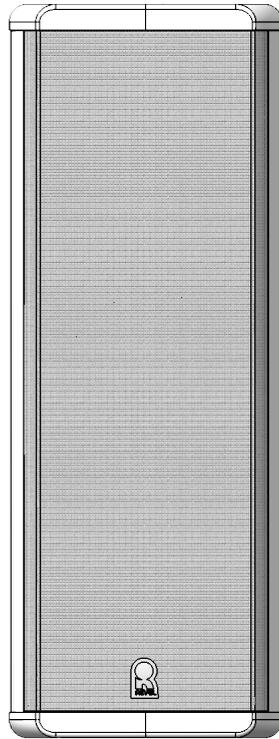


REVEL[®]

CONCERT[™]*a*

M8 SP2/SP5 Satellite Loudspeaker Packs Owner's Manual



IMPORTANT SAFETY INSTRUCTIONS

1. Use only attachments/accessories specified by the manufacturer.
2. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
3. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.



This product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

WEEE NOTICE

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 14/02/2014, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal. The WEEE logo on the product or on its box indicating collection for electrical and electronic equipment consists of the crossed-out wheeled bin, as shown below.

ROHS COMPLIANCE

This product is in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

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INTRODUCTION

REVEL® CONCERTA™ M8

The Revel® Concerta™ M8 2-Way 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 electronic devices.

The Revel Concerta M8 satellite loudspeakers are offered in the following multi-packs:

- **SP2** – Features two M8 satellite loudspeakers with two wall brackets, for use in a stereo configuration, or as extra channels in a home theatre surround configuration
- **SP5** – Features five M8 satellite loudspeakers with five wall brackets, for use in a home theatre surround configuration. This includes a horizontal center channel loudspeaker with a base support stand

FEATURE HIGHLIGHTS

- 1" Micro Ceramic Composite (MCC) Cone Tweeter
- 3" Micro Ceramic Composite (MCC) Cone Woofers
- Bass Reflex via Dual Front-firing Ports
- Gold-plated Binding Post Terminals
- Flexible Positioning: Tabletop Placement or Wall Mount with Included C-brackets
- Rigid Aluminum Enclosure
- High Gloss Color Finish
- Space-Saving Design

UNPACKING THE SPEAKERS

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.

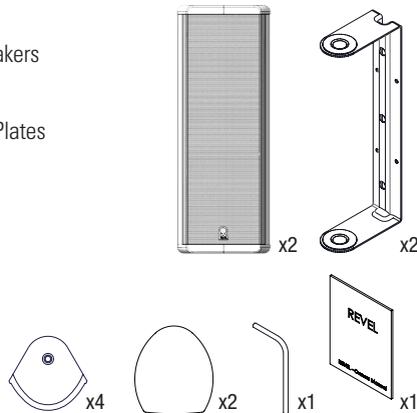


WHAT'S IN THE BOX

Please verify that the package contains the following items, depending on which Revel M8 Multi-Pack you have purchased. Please note that the hex wrench may be tucked under the rubber foot pads.

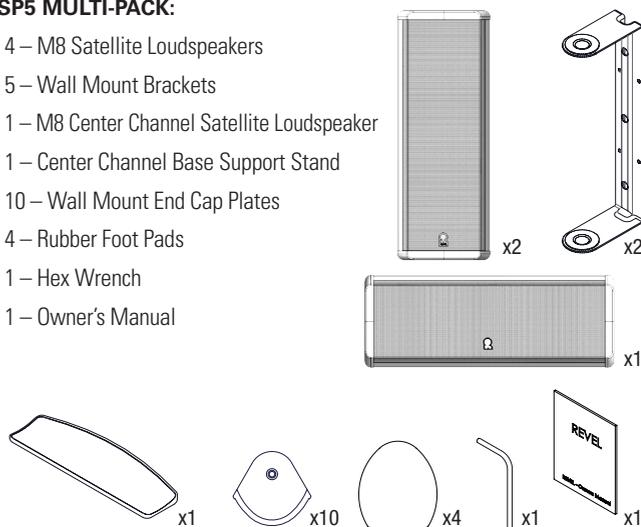
M8 SP2 MULTI-PACK:

- 2 – M8 Satellite Loudspeakers
- 2 – Wall Mount Brackets
- 4 – Wall Mount End Cap Plates
- 2 – Rubber Foot Pads
- 1 – Hex Wrench
- 1 – Owner's Manual



M8 SP5 MULTI-PACK:

- 4 – M8 Satellite Loudspeakers
- 5 – Wall Mount Brackets
- 1 – M8 Center Channel Satellite Loudspeaker
- 1 – Center Channel Base Support Stand
- 10 – Wall Mount End Cap Plates
- 4 – Rubber Foot Pads
- 1 – Hex Wrench
- 1 – Owner's Manual



NOT INCLUDED:

- Each wall bracket requires four #10 wood screws of 1-1/2 inch (3.5 CM to 4 CM) in length
- Each M8 loudspeaker is connected to your audio system via speaker wire. 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.

PLACEMENT

Regardless of whether you have the Revel M8 SP2 or SP5 multi-pack, position your speakers so that the left and right front speakers are each placed approximately 60-degrees from the listening position, as shown in Figure 1 and Figure 4.

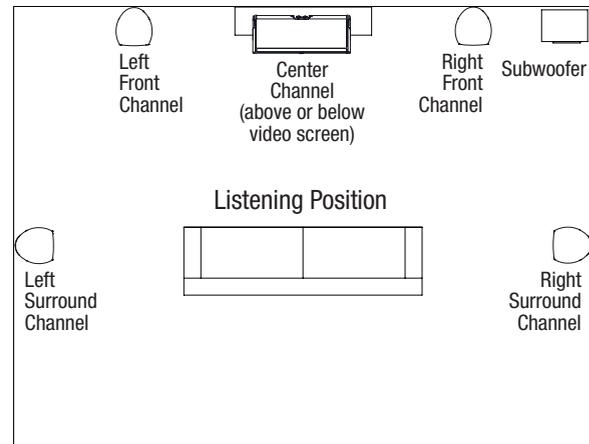


Figure 1: This overhead view shows a typical wall mounted 5-channel home theater plan.

SP2 STEREO CONFIGURATION

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:

- Position each speaker so that it is approximately at ear level
- Refer to the "Home Theater Configuration" section below if you plan to use the speakers as part of a home theater system

SP5 HOME THEATER CONFIGURATION

Refer to Figure 1 and Figure 4 for speaker placement in a home theatre surround configuration. Place the speakers on the included brackets (refer to the "Wall Mounting" section below), or on bookshelves or table stands alongside the listening position. Final placement depends on room acoustics, availability of space, and your listening preference.

Left and Right Front Speakers – Position one speaker on the left and another on the right, along either side of the television monitor.

Center Speaker – The dedicated center channel speaker is designed to be placed either just above or below your TV/video monitor. You can place the center speaker on the included center speaker base support stand. If you choose to wall mount the center channel speaker to the wall instead of using its base support stand, please refer to the "Wall Mounting" section below. Note: the center speaker should be positioned horizontally (Figure 2), while all other M8 speakers should be positioned vertically.

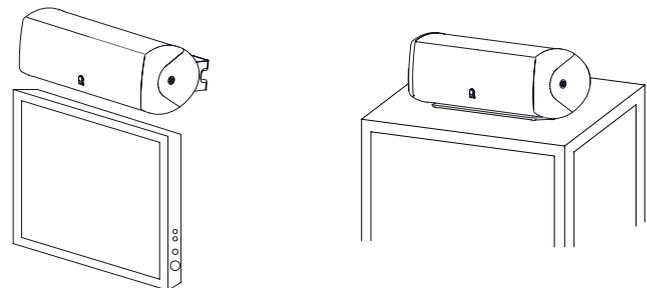


Figure 2: This example shows the M8 mounted on its bracket above a television and, alternatively, placed on its base above the television.



The included center speaker support base allows you to vertically tilt the speaker upward to a maximum of 18-degrees, or downward to a maximum of 7-degrees, as shown in Figure 3. **DO NOT** exceed the tilt range, as doing so will prevent the base to fully support the speaker.

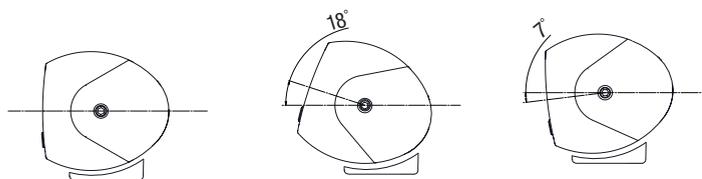


Figure 3 shows the tilt angles of the center channel speaker on the support base stand.

Surround Speakers – Position one surround speaker directly left of the listening position, and another speaker directly right of the listening position, as shown in Figure 1 and Figure 4. Ideally, the surround speaker should be just as far from the listening position as the front speakers. However, room acoustics and availability of space may not quite allow for this.

NOTE: Years ago before the time of high surround channel counts (e.g. 7.1.4 configurations with rear and height channels), it was common to position the surround speakers of 5.1 configurations further behind the listening position. However, typical post-production media studios currently mix surround audio so that the surround channels are positioned along the sides of the listening position. Therefore, audio from surround media is accurately reproduced when you position your surround channels at your sides.

Rear Surround Speakers – You can add a Revel M8 SP2 multi-pack to an SP5 multipack to create a left/right pair of Rear Surround channels, as part of a 7-channel surround system. In this configuration, place the rear surround speakers behind the listening position just a bit off-left and off-right (about 160-degrees and 200-degrees from the listening position), as shown in Figure 4.

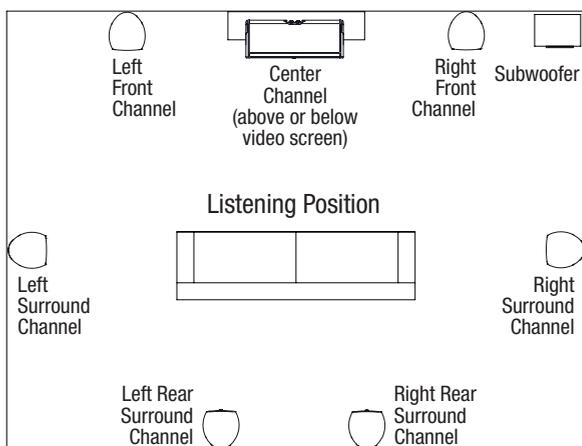


Figure 4: This overhead view shows a typical 7-channel home theater plan.

Subwoofer Channel (subwoofer sold separately) – Your Revel M8 SP2/SP5 is a multi-pack containing main satellite loudspeakers. Using a subwoofer will allow your home theatre system to output the LFE channel and main speaker low-frequency rolloff per your system's bass management. **NOTE:** Revel Concerta M8 loudspeakers are ideally suited for use with the **Revel B8 wireless subwoofer**. Contact your Revel dealer to order this subwoofer model.

The performance of a subwoofer is directly related to its placement in the listening room and its physical position relative to the other speakers in the system. Please refer to your subwoofer owner's manual for more information on your subwoofer, as part of a home theatre surround system.

WALL-MOUNTING

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 each M8 speaker. Each speaker bracket will require four 1-1/2", #10 wood screws (not included); 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. Using a leveler (not included) will allow you to ensure that your brackets are straight. All wall mounted M8 speakers should be positioned vertically, except for the center channel speaker, which should be positioned horizontally.

STEP TWO

Run the speaker wire behind each wall bracket and out through any of the 3 larger holes in the bracket. Place the bracket against the wall and fasten four 1-1/2", #10 wood screws through the bracket's screw holes into the wall (Figure 5). Repeat this step for each wall bracket.



Figure 5: Note that the screws fit the 4 smaller holes of the bracket, and the speaker wire can run through any of the bracket's 3 larger holes.

STEP THREE

Using the included hex wrench, remove the top and bottom end cap plates of the speaker by unscrewing the single center screw on each end (Figure 6).



Figure 6 shows the originally installed end cap plates being removed prior to wall mounting.

NOTE: After removing the screws, you'll notice that the larger plates under the end caps are also loose and removable. Keep the larger under plates attached to the speaker. These must remain on. The larger plates are only to be removed if connecting the speaker to a floor stand (see Optional STANDM10BK Floor Stand at the end of this section for more details).

STEP FOUR

Fit the speaker into the wall mount bracket by aligning the holes at the ends of the bracket with the screw holes at the ends of the speaker. Then place the supplied wall mount end cap plates (refer to the "What's In The Box" section above, as these are different from the previously installed end cap plates) over the ends of the wall mount brackets, carefully aligning the screw holes. Then replace the center screws by placing them back in the screw insert holes (Figure 7), and loosely tighten so that the speaker can still swivel within the bracket for wall positioning. Repeat these steps for each wall mounted speaker.



Figure 7 shows the supplied wall mount end caps fitting over the ends of the wall bracket, and then re-secured by the screws fitting through the threaded insert holes using the hex wrench.

STEP FIVE

Connect the wires (see Speaker Connections below). Rotate each speaker to the desired position, and then tighten the end cap screws to hold in place.

OPTIONAL STANDM10BK FLOOR STAND (SOLD SEPARATELY)

Revel also offers an optional floor stand accessory for those who prefer to place M8 satellite speakers on dedicated floor stands. These matte black floor stands measure 25 inches (63.5 CM) tall and are custom-shaped to fit Revel M8 (and M10) loudspeakers when used vertically (not for use with horizontal center speaker). When removing the M8 end cap plates for use with wall mounting, you'll notice their under plates are also removable. This is by design for compatibility with Revel STANDM10BK Floor Stands. Contact your Revel dealer to order this floor stand model.

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 8. 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.

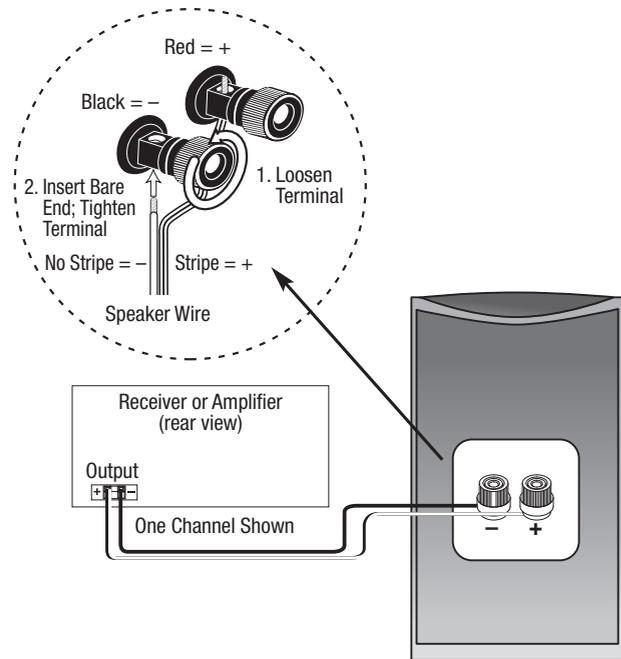


Figure 8: Wiring diagram shows polarity connections for one channel of an audio system.

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/Blu-Ray, 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 TROUBLESHOOTING

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 recommendation for optimal performance.

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 loudspeakers should ever need service, please contact your local dealer or distributor, or visit www.revelspeakers.com for the location of a service center.

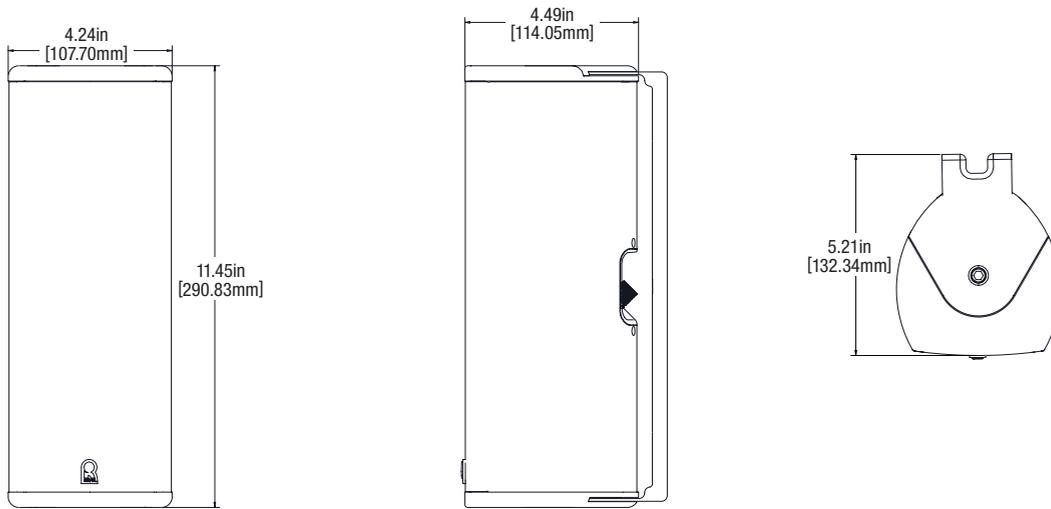


SPECIFICATIONS

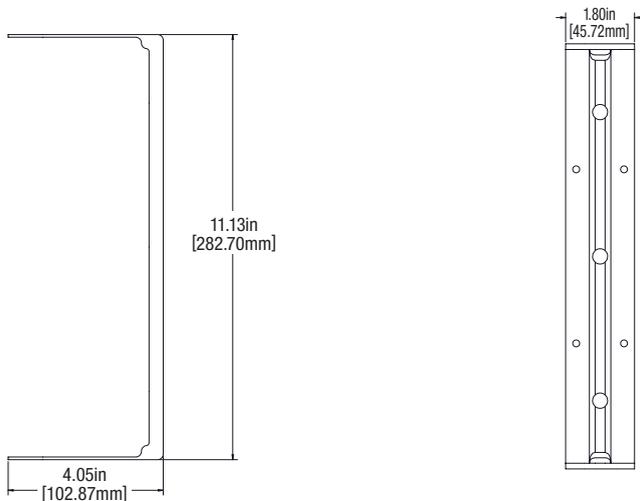
Frequency Response ($\pm 3\text{dB}$):	110Hz – 21kHz
Recommended Amplifier Power Range:	10 – 125 Watts
Sensitivity (2.83V @ 1m):	88dB
Nominal Impedance:	8 Ohms
Crossover Frequency:	2.2kHz
Low-Frequency Drivers:	Dual 3" (76mm) woofers with Micro Ceramic Composite (MCC) cones
LF Extension:	-3dB @ 110Hz; -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 Per Speaker (Net):	3.45 lb (1.6kg)

LINE DRAWINGS

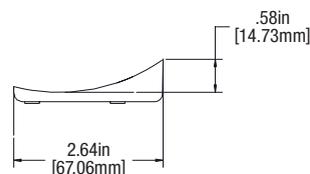
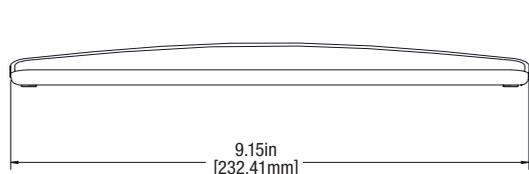
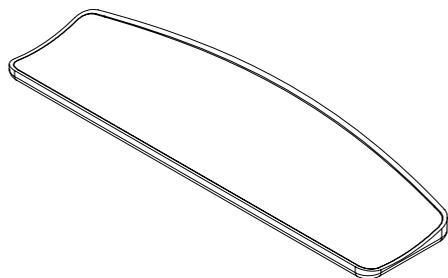
M8 SATELLITE LOUDSPEAKERS



WALL MOUNT BRACKETS



CENTER SPEAKER BASE SUPPORT STAND



LIMITED WARRANTY

Revel loudspeakers are warranted against defects. The duration of a warranty depends on the laws in the country in which it was purchased. Your local Revel retailer can help you determine the duration and coverage of your warranty.

For more information please visit: REVELSPEAKERS.COM

Please visit REVELSPEAKERS.COM for additional language support on the user manual.

Veuillez visiter REVELSPEAKERS.COM pour obtenir le mode d'emploi en d'autres langues.

Para obter o manual do usuário em outros idiomas, acesse REVELSPEAKERS.COM

Ga naar REVELSPEAKERS.COM voor de handleiding in andere talen.

Gå til REVELSPEAKERS.COM for bruksanvisning på flere språk.

Если вам требуется дополнительные версии руководства пользователя на других языках, посетите сайт REVELSPEAKERS.COM.

別の言語に対応したユーザーマニュアルを読むには、REVELSPEAKERS.COMにアクセスしてください。

사용자 설명서에 대한 추가 언어 지원은 REVELSPEAKERS.COM에서 확인하십시오

请访问 REVELSPEAKERS.COM 以获取其他语言版本的用户手册。

Visita REVELSPEAKERS.COM para obtener el manual de usuario de soporte en idiomas adicionales.

Weitere Sprachfassungen der Bedienungsanleitung findest Du unter REVELSPEAKERS.COM.

Si prega di visitare REVELSPEAKERS.COM per i manuali di istruzioni in altre lingue.

Jos tarvitset ylimääräistä kieleen liittyvää tukea käyttöohjeesta, käy osoitteessa REVELSPEAKERS.COM.

Gå ind på REVELSPEAKERS.COM for at se betjeningsvejledningen på flere sprog.

Gå till REVELSPEAKERS.COM för mer information om språk i användarmanualen.



Торговая марка:	Revel
Назначение товара:	Пассивная акустическая система
Изготовитель:	Харман Интернешнл Индастриз Инкорпорейтед, США, 06901 Коннектикут, г.Стамфорд, Атлантик Стрит 400, офис 1500
Страна происхождения:	Китай
Импортер в Россию:	ООО "ХАРМАН РУС СиАйЭс", Россия, 127018, г.Москва, ул. Двинцев, д.12, к 1
Гарантийный период:	1 год
Информация о сервисных центрах:	www.harman.com/ru тел. +7-800-700-0467
Срок службы:	5 лет Товар не подлежит обязательной сертификации
Дата производства:	Дата изготовления устройства определяется по двум буквенным обозначениям из второй группы символов серийного номера изделия, следующих после разделительного знака «-». Кодировка соответствует порядку букв латинского алфавита, начиная с января 2010 года: 000000-MY0000000, где «M» - месяц производства (А - январь, В - февраль, С - март и т.д.) и «Y» - год производства (А - 2010, В - 2011, С - 2012 и т.д.).

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电路板	印刷电路板, 电路板上的电子零件 (不包括特定电子零件), 内部相关连接线	X	0	0	0	0	0
箱体	外壳, 面板, 背板等	X	0	0	0	0	0
特定电子零部件	变压器, 保险丝, 大型电解电容, 电源插座	X	0	0	0	0	0
附件	电线, 说明书, 包装等	X	0	0	0	0	0

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