



# MARQUEE COLLECTION™



M1500SUB



M2500IC



M5500IW



M5500OW



M3500IW



M3500OW

## Marquee Collection™ Installation Manual

M5500IW, M5500OW, M3500IW, M3500OW, M1500SUB, M2500IC

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## Introduction

Thank you for purchasing the Marquee Collection. At Origin Acoustics, we take pride in providing you with a high quality product. All of Origin Acoustics' speakers are designed to have excellent sound quality, longevity, and a simple installation process.

The Marquee Cinema Collection by Origin Acoustics is an extremely advanced, high-performance loudspeaker system. It has been designed and assembled for use in home theater and media room applications where both sonic accuracy and substantial sound pressure levels are desired. Each of the various models is a combination of the finest drivers, networks and enclosure designs. The goal is to faithfully recreate the vision of the director and sound engineers, so the listener can be completely immersed in the experience. With the proper system design and accompanying electronic components Marquee has the capability to absolutely deliver on this expectation.

This instruction booklet covers the necessary information for a smooth installation, including: the tools you will need, step-by-step instructions for installation, troubleshooting tips for any errors that may occur, and all warranty information. If for any reason you experience problems or if you have installation questions please call us at (844) 674-4461. Hours of operation are 8:00am to 5:00pm (Pacific Time), Monday through Friday.

# SPECIFICATIONS

## MARQUEE FRONT LCR SPEAKER

M5500OW On-wall

M5500IW In-wall\*

- Dual 8" Coated Paper Cone Woofers
- Dual 5" Coated Paper Cone Midrange
- 1" Titanium Horn loaded, compression driver/tweeter
- Sealed Extruded Aluminum Enclosure
- On-wall Mounting either vertical or horizontal
- Mounting Bracket Included
- Standard black cloth grille
- Optional designer cherry, wood slatted grille
- Frequency Response: 65Hz – 20kHz
- Impedance: 4 Ohm
- Power Handling: 400W
- Overall Dimensions:
  - **M5500OW** (On-wall) : 44 3/32" x 13" x 4 1/4" (1120 x 330 x 108 mm)
  - **M5500IW** (In-wall): 32 1 1/16" x 10 7/8" x 3 1/2" (830 x 276 x 102 mm)
  - **M5500IWNC** (In-wall Speaker Enclosure): 44 3/32" x 13" x 3 15/16" (1120 x 330 x 100 mm)
- Cut-Out Dimensions:
  - **M5500IW** (In-Wall Speaker Baffle): 31 1 1/16" x 9 13/16" (804 x 250 mm)
- Mounting Depth:
  - **M5500OW** (On-Wall Speaker): 5 1/4" (133 mm)
  - **M5500IWNC** (In-Wall Speaker Enclosure): 3 1/2" (88 mm)

\* The In-wall Marquee Front LCR Speaker is designed for new construction installations only. For your installation convenience, it's sold in two parts: the M5500IWNC Enclosure that's installed before the drywall, and the M5500IW Speaker that's installed after the drywall.

\*All product specifications are subject to change. Please refer to the dealer portal for the latest information.

# SPECIFICATIONS

## MARQUEE SURROUND SPEAKER

### M3500OW On-wall

### M3500IW In-wall\*

- Dual 5" Coated Paper Cone Woofers
- 1" Titanium Horn loaded, compression driver/tweeter
- Ported Extruded Aluminum Enclosure
- On-wall Mounting either vertical or horizontal
- Mounting Bracket Included
- Standard black cloth grille
- Optional designer cherry, wood slatted grille
- Frequency Response: 70Hz – 20kHz
- Impedance: 4 Ohm
- Power Handling: 200W
- Overall Dimensions:
  - **M3500OW** On-wall: 18 7/8" x 13" x 4 1/4" (480 x 330 x 108 mm)
  - **M3500IW** In-wall: 18 7/8" x 13" x 3 1/2" (480 x 330 x 102 mm)
- Cut-Out Dimensions:
  - **M3500IW** (In-wall Speaker Baffle): 15 7/16" x 5 9/16" (392 x 142 mm)
- Mounting Depth:
  - **M3500OW** (On-Wall Speaker): 5 1/4" (133 mm)
  - **M3500IWNCE** (In-Wall Speaker Enclosure): 3 1/2" (88 mm)

\* The In-wall Marquee Surround Speaker is designed for new construction installations only. For your installation convenience, it's sold in two parts: the M3500IWNCE Enclosure that's installed before the drywall, and the M3500IW Speaker that's installed after the drywall.

**\*All product specifications are subject to change. Please refer to the dealer portal for the latest information.**

# SPECIFICATIONS

## MARQUEE SUBWOOFER

### M1500SUB

- Front firing, 15" coated paper woofer with accordion surround
- Dual ported enclosure
- Black cloth wrapped on four sides
- Frequency Response: 25Hz – 150Hz
- Impedance: 6 Ohm
- Power Handling: 1000W
- Overall Dimensions including feet: 27 ¾" x 18 ⅛" x 21 ²¹⁄₃₂" (705 x 460 x 550 mm)

## MARQUEE IN-CEILING SURROUND/HEIGHT CHANNEL (ATMOS®) SPEAKER

### M2500IC

- 10" Coated Paper Woofer
- 3 ½" Coated Paper Midrange
- 1" Titanium Dome Tweeter
- Tool-less Mounting System
- Frequency Response: 70Hz – 20kHz
- Impedance: 4 Ohm
- Power Handling: 150W
- Diameter: 11 ¼" (286 mm)
- Grille Diameter: 11 ¾" (298 mm)
- Cut-Out Diameter: 10 ⅜" (264 mm)
- Mounting Depth: 6 ¼" (158 mm)

# ITEMS INCLUDED

## **Marquee Front/LCR OW Speaker**

M5500OW – Speaker, Mounting Bracket (1 pc),

Screws (T4 x 35mm – 4 pcs), Anchor screws (8 pcs), Hole Mounting Template, Installation Manual

## **Marquee Surround OW Speaker**

M3500OW – Speaker, Mounting Bracket (1 pc), Rails (2pcs)

Screws (T4 x 35mm – 4 pcs), Anchor screws (8 pcs), Hole Mounting Template, Installation Manual

## **Marquee Front/LCR IW Speaker Enclosure**

M5500IWNCE – Aluminum Enclosure

Suspension Cable (1 pc), Mounting Brackets (2 pcs), Screws (T4 x 25mm – 8 pcs), Installation Manual

## **Marquee Front/LCR IW Speaker**

M5500IW – Speaker (1 pc), Screws (M6 x 35mm hex head – 8 pcs), Installation Manual

## **Marquee Surround IW Speaker Enclosure**

M3500OWNCE – Aluminum Enclosure, Suspension Cable (1 pc), Mounting Brackets (2 pcs),

Screws (T4 x 25mm – 8 pcs), Installation Manual

## **Marquee Surround IW Speaker**

M3500IW – Speaker, Screws (M6 x 35mm hex – 6 pcs), Installation Manual

## **Marquee Subwoofer**

M1500SUB – Subwoofer, Installation Manual

## **Marquee IC Speaker**

M2500IC – Speaker, Grille, Bayonet Ring, Cut-Out Template, Installation Manual

## SYSTEM DESIGN

The final result of a quality home theater is more than simply the sum of its components. Great care must be taken to integrate it aesthetically and acoustically into the space. The dimensions of the room and the seating position will determine the geometry of the speaker placement so as to create the proper soundstage both horizontally and vertically.

Although no single diagram will apply to every installation, this example shows basic speaker position suggestions. Ideally, the tweeter of the front LCR speakers will be at ear level whereas the side and rear channels can be anywhere from slightly above the listener to in the ceiling itself. If you are laying out a Dolby Atmos® system, the side and rear channel speakers should be in or on the walls while the height channels would be in the ceiling to create the proper “over-head” effect.

Subwoofer locations are critical as nodes and lobes can dramatically affect the amount of bass experienced at the listening position. Regardless of the size of the woofer or the amount of power, bass waves can cancel each other and leave you with little or no perceived bass. One suggestion is to place the subwoofer at the listening positions and then walk the room in search of where the bass appears to be loudest. Placing the subwoofer in the loudest position will often result in substantial bass where you want it most. Dual subwoofers will typically limit this effect and allow for smoother overall bass response. Quality electronics will also have an extreme effect on the loudspeaker's ability to accurately recreate the soundtrack. All amplification is not created equal, nor is all signal processing.

If you are not comfortable with making these decisions on your own, please consult a professional A/V integrator.



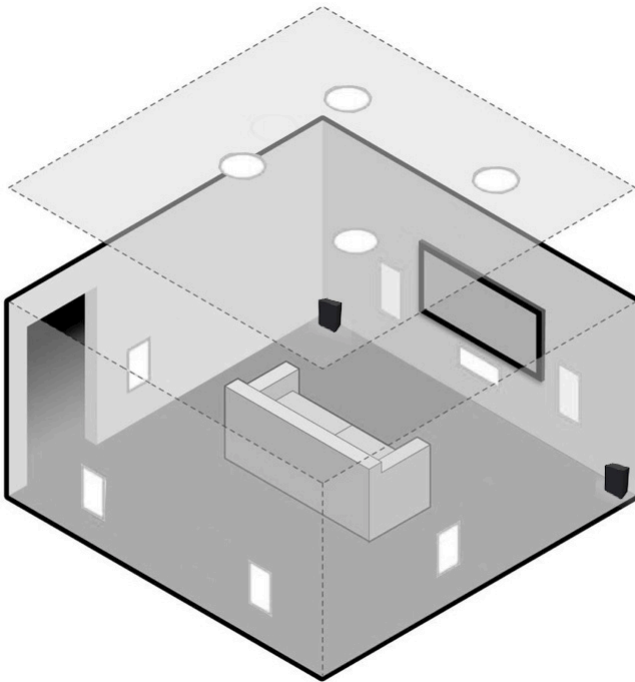
## POSITIONING THE SYSTEM

For the best possible surround sound, all the speakers (except the subwoofer) should be placed at the same distance from the listening position.

The illustration below shows an example of positioning a 7.2.4 system. The images in this illustration differ from the actual units for explanation purposes.

The 7.2.4 indicates the following:

- 7 - This number represents the number of traditional speakers (front, center, surround, etc.)
- 2 - This number represents the number of subwoofers you can connect to your receiver
- 4 - This number represents the number of overhead or Dolby Atmos enabled speakers you can use in this setup



Your system may have a different configuration (e.g. 5.1.2) depending on the number of speakers you plan to set up in the room.

## **1. Front Right / Left Speakers**

- Place the front speakers to the sides of the monitor or screen and as flush with the screen surface as possible.
- The speakers should be at roughly ear height of the listener when seated.
- To avoid magnetic interference, do not position the front speakers too close to your TV.
- Allow adequate ventilation around the Blu-ray/DVD system.

## **2. Front Center Speaker**

- Place the center speaker above or below the monitor or screen so that the center channel's sound is localized.

## **3. Surround Right / Left Speakers**

- Place these speakers in line or slightly behind your listening position by about 10° to 20° and just above your head level.

## **4. Surround Rear Right / Left Speakers**

- Place these speakers behind your listening position on right and left sides.

## **5. Overhead Front Right / Left speakers**

- Mount these speakers in the ceiling at about 45° from the listener towards the front on both left and right sides.

## **6. Overhead Rear Right / Left speakers**

- Mount these speakers in the ceiling at about 45° from the listener towards the rear on both left and right sides

## **7. Subwoofer(s)**

- Place the subwoofer(s) at the front, near the front speakers in either corner of the room. Turn it slightly toward the center of room to reduce the wall reflections.

## TOOLS & ITEMS

- Speaker Wire
- Pencil
- Wire Stripper
- Measuring Tape
- Drywall Saw
- Drill
- Drill Bit 1/8" (3mm)
- Hex wrench
- Stiff Wire
- Stud Finder
- Level
- Fish Tape
- Spray Paint
- Compressed Air

# ABOUT SPEAKER WIRE

You will need a wire that has at least two conductors; one that can be identified as the positive and the other as the negative. All two conductor wires have some means of identifying which conductor is which, but at times this identification may be subtle. It's crucial that you keep track of which wire you use for positive (+) and negative (-). Typically, if the wires are colored red and black, the red wire is used for positive and the black wire is used for negative, but sometimes other colors or patterns are used. You can choose whichever color of wire you want to be positive and negative as long as you remain consistent throughout the install.

On both your amplifier and your speaker, the connectors will be identified as red for positive and black for negative. It is very important to look carefully at the speaker wires and be certain that the same wire that is attached to the positive connector in the amplifier is attached to the positive connector in the speaker. If the negative and positive wires are switched, speaker performance will be drastically impacted.

# WIRE RECOMMENDATION

The gauge of wire used can have an impact on the performance of your speakers. Use a multi-stranded wiring designed for amplifier to speaker connections. Which gauge to select depends on the length of wire to be used on any particular speaker. The longer your run is, the larger your wire size must be.

Wire Length	Wire Gauge
0 -100' (0 - 30m)	16
50 - 150' (15 - 45m)	14
Over 100' (30m)	12

# WIRE ROUTING

Plan how you'll route the wire to the desired speaker location. There are several methods for routing the wire, and you may need to combine several of them.

## **Behind the Baseboard**

The wire can be routed behind the baseboard by cutting a groove out of the back of the baseboard, or by buying special baseboard designed for concealing wires.

## **Through Walls**

When running wires through a wall, be sure to avoid all obstacles such as AC wiring, pipes, and ducts.

## **Attic or Basement**

When available, you can route the wire through an attic or crawlspace.

## **Under the Carpet**

One option is to lift the carpet and route "tape wire" under the carpet.

# INSTALLATION

## INSTALLATION OF FRONT LCR & SURROUND SPEAKERS ON-WALL

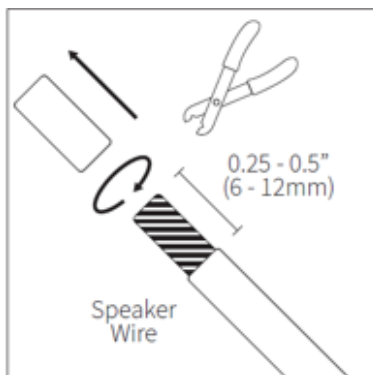
### M5500OW & M3500OW

- Decide the location of the speaker to be mounted on the wall.
- The front center speaker would ideally be mounted at least 2 inches above or below the TV screen horizontally. Please keep this and the width of the speaker enclosure into consideration while deciding the speaker location, and thereby the hole mounting template location.
- The front / LCR and surround speakers should be ideally mounted at the listener's ear height when seated for the best sound experience. The surround speakers may be mounted to the left and right of the listener just above the head level.

### 1) Installing the Wire

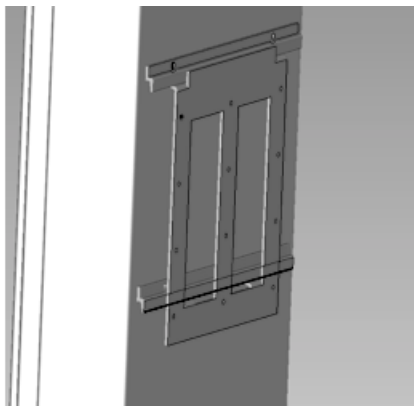
Strip  $\frac{1}{4}$  to  $\frac{1}{2}$  inches (6 to 12 mm) of the insulation off both ends of the wire. To avoid stray strands, twist them at the end.

Connect the speaker wire to the amplifier, but don't plug in the AC power just yet. Route this wire to the speaker location.



## 2) Installing the Speaker

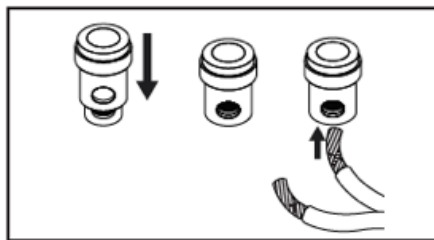
- Locate the studs on the wall.
- Hold the Hole Mounting Template against the drywall, aligning it straight using a level.
- We highly recommend attaching the speaker wall bracket to a stud. If stud cannot be used, drywall anchors are recommended.
- Trace the holes on the template, marking them on the wall.
- Make pilot holes first as necessary depending on the surface you are mounting the speaker onto.
- Mount the bracket on the wall using the supplied screws and anchor screws for drywall mount.
- For the M5500OW Front LCR Speaker, the rails that align with the wall bracket are already attached to the enclosure. For the M3500OW Surround Speaker, attach the supplied rails onto the enclosure with screws - depending on the mounting orientation.
- Place the speaker onto the wall bracket such that the rails attached on the speaker enclosure align and match with the bracket rails. See the image below for a vertical mounted on-wall speaker bracket position.
- Ensure that the speaker is properly secured into its position.



*Vertical Mounted On-Wall Speaker Bracket Position*

### 3) Attach the Wire to the Speaker

Depending on how you ran the wires to the speaker location, the wires can be attached to the connectors at the top / middle / bottom terminals of the enclosure. Push on the end of the connectors and insert the wire.



*Connecting Wire*

## INSTALLATION OF FRONT LCR & SURROUND SPEAKERS IN-WALL

### M5500IW & M3500IW

#### 1) Installing the Wire

Strip  $\frac{1}{4}$  to  $\frac{1}{2}$  inches (6 to 12 mm) of the insulation off both ends of the wire. To avoid stray strands, twist them at the end.

Connect the speaker wire to the amplifier, but don't plug in the AC power just yet. Route the wire through the walls to the speaker location.

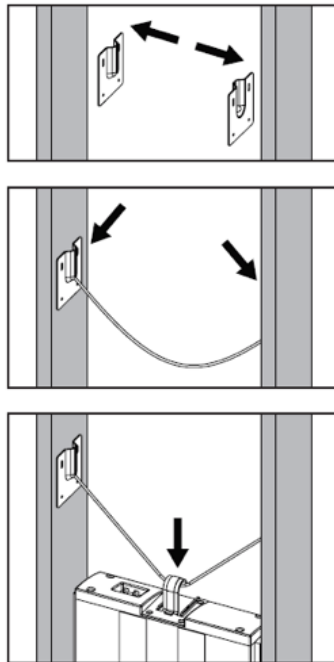


## 2) Installing the Enclosure

Using the 8 supplied screws, attach the two mounting brackets to the studs so that they are facing each other. Once everything's installed, the distance between the bottom of the subwoofer and the bottom of the bracket will be about 45" in case of M5500IW Front L/R speaker. So when you know how far off the floor the speaker baffle should be, add that number to 45", and install the brackets at that height. For example, if you want the subwoofer to be about a foot off the floor, install the bottom of the brackets about 57" (45" + 12") off the floor.

In case of M3500IW Surround speaker, the distance between the bottom of the speaker baffle and the bottom of the bracket will be about 23". So if you want the speaker baffle to be about a foot off the floor, install the bottom of the brackets about 35" (23" + 12") off the floor.

Insert the ends of the suspension cable into the mounting brackets. Hang the enclosure from the suspension cable. There are several ends on one side of the suspension cable so that you can adjust the height of the enclosure.



*Suspension Install*

### **3) Attach the Wire to the Enclosure**

Depending on how you ran the wires to the speaker location, the wires can be attached to the connectors at the top / middle / bottom terminals of the enclosure. Push on the end of the connectors and insert the wire.

### **4) Drywall**

The drywall is now ready to go up. The placeholder plate should not be removed until the speaker baffle is installed. Install the drywall to the edge of the plate, but do not tape or mud the gap. The gap should not be larger than 1/8" (3mm).

### **5) Installing the Speaker Baffle**

When you're ready to install the speaker baffle, start by removing the placeholder plate.

Connect the speaker wires from the enclosure to the woofer/tweeter terminals. Note that each wire is connected only to its corresponding driver terminal and secured properly before inserting the speaker baffle into the enclosure.

Insert the baffle into the enclosure. Make sure it's right-side-up by keeping an eye on the orientation of the logo. Use the four screws to firmly attach the baffle to the enclosure, but do not overtighten.

We recommend testing the system at this time to ensure the speaker is installed and working properly.

### **6) Mounting the Grille**

Fit the grille over the speaker and press into place. The grille will be held securely by the magnets.

## INSTALLATION OF SUBWOOFER

### M1500SUB

#### **1) Installing the Subwoofer**

The Marquee Subwoofer is supplied with feet attached to it. It may be placed on carpet, tile, vinyl, or any other non-conductive, flat surface. It can also be placed inside a cabinet or other furniture space.

#### **2) Installing the Wire**

Strip  $\frac{1}{4}$  to  $\frac{1}{2}$  inches (6 to 12 mm) of the insulation off both ends of the wire. To avoid stray strands, twist them at the end. Connect the wire to the amplifier. Route the wire and connect it with the subwoofer. Make sure the wire is connected with the positive (+) and negative (-) connections at the bottom of the subwoofer.

Note that this section only describes how to connect a single subwoofer, but multiple subwoofers can be connected depending on the type of amplifier.

## INSTALLATION OF SPEAKERS IN-CEILING

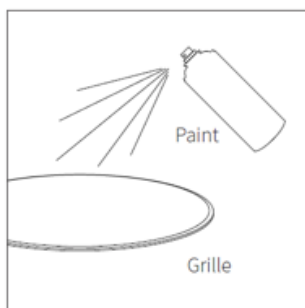
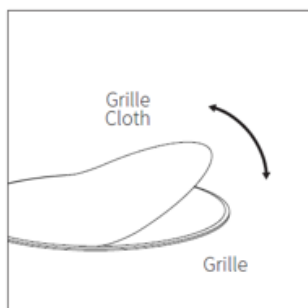
### M25001C

#### 1) Installing the Wire

Strip  $\frac{1}{4}$  to  $\frac{1}{2}$  inches (6 to 12 mm) of the insulation off both ends of the wire. To avoid stray strands, twist them at the end. Connect the wire to the amplifier, and make sure the wire connected to the left speaker output will be routed to the left speaker, right output to right speaker, etc.

#### 2) Painting the Grille

In some situations, the speakers may look better if the color matched the walls, ceiling, or trim in the room. This can be accomplished by painting the grille. The grille must be painted with spray paint, and most hardware stores will mix a can of paint to match whatever color you need. Before painting, carefully remove the thin cloth on the underside of the grille. Lightly spray the front of the grille with the paint from a distance, being careful not to plug any of the holes. Diluting the paint with paint thinner will lessen the risk of filling any holes. If a hole gets plugged use a can of compressed air to open it. Once the paint is dry, put the cloth back on the grille.

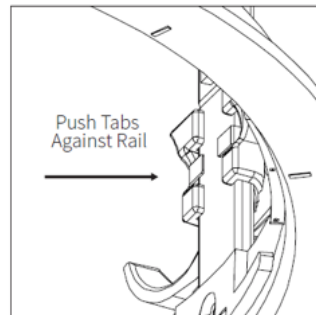
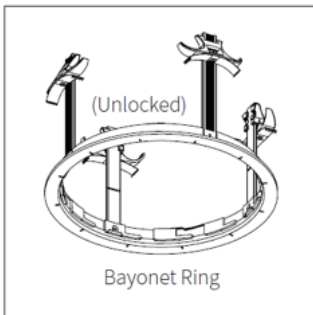


### 3) Cutting the Hole

When you've decided on the locations for all of the speakers, use the template to trace a circle lightly in pencil where the hole should be. (If you don't have a template, check the Specifications section for cutout sizes.) If you're unsure on whether there may be obstacles (such as pipes or wires) where you plan on installing the speaker, drill a  $\frac{1}{8}$  inch hole in the center of the circle, then put a bent coat hanger through the hole to feel around. Use a keyhole or drywall saw to cut the hole.

### 4) Installing The Bayonet Ring

Adjust the clips so that they're positioned at the top of the rail. If they're not already there you can do this by pushing the release tabs (or metal "buttons") on the inside of the rail and pulling the clips to the top of the rails. Insert the bayonet ring into the hole in the ceiling by gently bending the clips inward. Reach inside the bayonet ring and push the clips down so that the ring is firmly in place, but not too tight. If for some reason the bayonet ring needs to be removed, reach inside and push the release tabs to fully remove the clips. After the clips have been removed, the bayonet ring can be taken out.



### 5) Connecting the Wire

Push down to open the connector. Insert the wires into the connectors, making sure that the positive wire is being attached to the red connection and the negative wire is being attached to the black connection. If the wires are switched, speaker performance will be drastically impacted.

### 6) Installing the Speaker

Fit the speaker into the bayonet ring, and twist it clockwise into place. When the lines on the speaker line up with the lines on the bayonet ring, that means the speaker is tightly in place. Be sure that the lines line up, otherwise there's a risk that the speaker will fall out of the ceiling.

## CONNECTING THE SYSTEM

- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the system.
- Please refer to the manuals of your TV, AV source player, or other devices as necessary to make the best connections.
- Make sure the source player is connected directly to the TV. Tune the TV to the correct video input channel.
- Connect the Front LCR, Surround, Subwoofer, and In-Ceiling speakers with the Amplifier using speaker wire. Insert the wires into the connectors, making sure that the positive wire is being attached to the red connector and the negative wire is being attached to the black connector. If the negative and positive wires are switched, speaker performance will be drastically impacted.
- Work with your receiver / amplifier's bass management/crossover settings for optimum sound and bass control. This will give a complete surround sound system, with the main speakers as well as the subwoofer(s) in place. Connect the amplifier to the power supply and double check all the wiring, then turn it on.

# TESTING & ADJUSTMENTS

Turn on the home theater receiver / amplifier. Calibrate all the speakers in the system according to the AV receiver / amplifier's manufacturer's instructions.

## Making Amplifier Adjustments

**1.** “Crossover” should be the first adjustment you set. But you can always come back and fine tune this later. If you are using the LFE output from a home theater receiver, set the crossover frequency on the subwoofer amp as high as you can since you will be controlling this on the receiver's set-up routine.

For most applications you can simply set the subwoofer amplifier's crossover frequency to 80Hz (straight-up on our SubA150 amp). When using an LFE output, set it to 80Hz.

**2.** “Phase” adjustment should come next. This adjustment can have a subtle effect, but it is worth doing. You won't need to sweat getting it exact; the important thing is to avoid getting it wrong. When tuning by ear:

**a.** If you are using a home theater receiver, during set-up there will be section asking you to enter the distance from the listener to the speakers. You should do this before proceeding. If you are using a receiver that does not have this feature, don't worry, the following steps will still get everything right.

**b.** For source material, a test CD with an 80Hz or 100Hz test tone (either sine wave or  $\frac{1}{3}$  octave pink noise) is best but anything with constant bass can also work well.

**c.** Set the volume so that the bass level sounds approximately right to slightly bass heavy.

**d.** You will want to be in the critical listening area. Have a helper adjust the phase control until the bass level sounds the loudest. If you are using music or video tracks for this test, listen for the mid-bass level as the low bass will be unaffected. At this stage you're listening for the loudest bass, not the best.

**3.** When tuning by measurement, you will use the same method as above except:

**e.** Replaces your ear with an SPL meter. An inexpensive SPL meter works fine or you can download a free app for use on your phone.

**f.** Unfortunately, the music CD with constant bass won't work here. You will need to use a test CD.

**3. “Volume” will complete your subwoofer amplifier set-up.**

When tuning by ear. Play some source material that has bass content you are familiar with. Simply adjust the volume until the bass level sounds in balance with the rest of the sound. Try several music and video tracks paying special attention to deep male vocals with an ear to—wards making them sound natural. Be sure to try several locations in the listening area and adjust to get the best average. You shouldn't attempt tuning by measurement unless you have the sophisticated equipment that can measure full bandwidth and you know what you're doing.

### **In-Ceiling Speakers**

For the In-Ceiling speakers, the midrange and tweeter can be pivoted to direct the sound towards the listen-ing area. Or for a more diffused surround sound experience, the rear speakers can be aimed towards the wall. To aim the tweeter, gently apply pressure to the rim with your thumbs to pivot the tweeter. To aim the midrange, gently apply pressure to the rim and pivot it in the desired direction. Subject to which speaker is being used, there are two switches: one to adjust the treble, and one to adjust the bass. Depending on the area the speaker will be installed, bass and treble are affected by its surroundings. When the room has a lot of hard surfaces bass & treble are bounced and reflected through the room, and if the room has softer surfaces the bass & treble are absorbed. Adjust for the desired acoustic balance for the room.



## TROUBLESHOOTING

If possible, it's often good to try to isolate the problem first. For example, if you're playing a DVD on a television and there's no sound, try connecting an MP3 player to the system to see if that works. If it does work, then the problem is with the television, DVD player, or the cables connecting them. If it doesn't work, the problem will be with the amplifier, speakers, or those cables.

Problem	Possible Cause
No Sound	The volume may be turned down or muted. Check the volume settings on both the amplifier and the television/computer/DVD player/etc.
No Sound	Make sure the proper source is selected on the amplifier or receiver.
No Sound	Check the cord connecting the amplifier with the source. The cord may be damaged or plugged into the wrong input or output.
No Sound	Check the wires connecting the amplifier with the speakers. Make sure they're connected properly and not damaged in any way.
Poor Sound Quality	If you hear something like static, or the sound is cutting in and out, check the audio cables. If the problem increases when a cable is being moved, then the cable is most likely faulty or not connected properly.
Poor Sound Quality	Today's audio systems may have several places to adjust the volume, for example your MP3 player may have a volume control, and your amplifier may also have one. Check to be certain that the volume isn't turned up past 80% on any device.
Poor Sound Quality	Try changing sources to be certain that the selection you've chosen is a good quality recording.

## TECHNICAL ASSISTANCE

If you have any questions or concerns about installing or using this product, you can reach us through one of the following methods:

Phone: (844) 674-4461

Hours of operation: 8:00am - 5:00pm (Pacific Time), Mon - Fri

Email: [techsupport@originacoustics.com](mailto:techsupport@originacoustics.com)

If you are having technical trouble, please include the model number and briefly explain what steps you took to resolve the problem in your email, or be prepared to answer these questions over the phone. If you are considering returning the product, it's required that you contact Origin Acoustics prior to any return attempts. This way we can determine if the issue can be resolved without returning the product, or if needed we can provide instructions and support for the return process.

## 10 Year Limited Warranty *SPEAKER*

## 2 Year Limited Warranty *SUBWOOFER*

Origin Acoustics warrants to the original retail purchaser only that this Origin Acoustics product will be free from defects in materials and workmanship, provided the speaker was purchased from an Origin Acoustics authorized dealer.

If the product is determined to be defective, it will be repaired or replaced at Origin Acoustics' discretion. If the product must be replaced yet it is no longer manufactured, it will be replaced with a model of equal to or greater value that is the most similar to the original. If this is the case, installing the replacement model may require mounting modifications; Origin Acoustics will not be responsible for any such related costs.

## Requirements & Warranty Coverage

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchases. The purchaser must be prepared to provide proof of purchase (receipt). This warranty will not be valid if the identifying number or serial number has been removed, defaced, or altered.

**\*All warranties and warranty conditions are subject to change. Please refer to**

**[www.originacoustics.com](http://www.originacoustics.com) for the latest information.**

## Not Covered by Warranty

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Origin Acoustics or an authorized dealer
- Damage caused by improper installation
- Normal wear, maintenance, and environmental issues
- Damage caused by voltage inputs in excess of the rated maximum of the unit
- Damage inflicted during the return shipment

## Return Process

Before making any return attempts, it is required that you first contact Origin Acoustics. Return product to Origin Acoustics or your dealer, either in person or by mail. It's preferable if the product is returned in the original packaging. If this isn't possible, the customer is responsible for insuring the shipment for the full value of the product.

This warranty is in lieu of all other expressed or implied warranties. Some states do not allow limitations on implied warranties, so this may not apply depending on the customer's location. (For more information, see Magnuson-Moss Warranty Act.)

# Notes

# Notes

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