



The Sound That Will Move You

Cinénova Clarté

*In-Wall & On-Wall
Line Array LCR Speaker*



On-Wall
OW-4503 LCR

In-Wall
IW-4503 LCR



The Sound That Will Move You

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www.earthquakesound.com

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Table of Contents

Introduction.....	3
In-Wall Overview.....	4
On-Wall Overview.....	5
In-Wall Specifications.....	6
On-Wall Specifications.....	7
Speaker Placement.....	8–9
In-Wall Installation.....	10
On-Wall Installation.....	11
Warranty Guidelines.....	12–13
Notes.....	14

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Notes

Date of Purchase: _____

Authorized Dealer/Installer Info:

Name: _____

Address: _____

Phone: _____

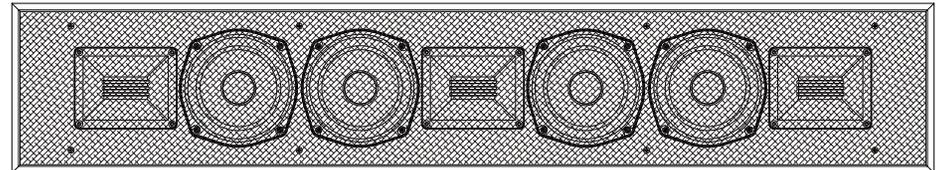
Serial Number:

Notes:

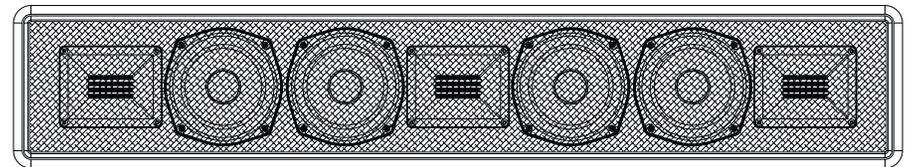
Introduction

The Earthquake Cinénova Clarté IW-4503/OW-4503 is a versatile line array LCR speaker designed to be mounted vertically or horizontally into standard stud bays. It is a genuine space-saving option in adding the crucial front left, center, and right channels to a home theater or media room. This speaker style may also be used for surround sound channels in high-end audio systems.

The Cinénova Clarté Line Array LCR speaker handles up to 600 watts of power, so it can be utilized for a variety of sound systems. Four 5.25" glass fiber cone midbass drivers work unitedly with a strong yet efficient magnet structure to produce outstanding mid-range and midbass tones while retaining their shape even at exceptionally high energy levels, letting you increase the volume and experience rich, breathtaking sound without distortion or coloration. Finishing the frequency range are three 2" audiophile-quality ribbon tweeters that provide distortion-free high notes and crisp vocals. The in-wall version is designed with an invisible trim that offers a high-end aesthetic allowing it to integrate seamlessly into its surroundings within new or pre-existing constructions of standard stud bays (IW-4503 only). Depending on the application, these models are conveniently installed with cross-style mounting brackets or dog ear Turn-N-Lock™ mechanisms with included templates. Wire management is made possible via a center wiring groove that runs the entire enclosure, allowing installers to keep wires hidden and out of sight for a professional look. Transform your listening experience in music and out of movies with elegant sound reproduction and tonal balance With Earthquake's Cinénova Clarté Line Array LCR.



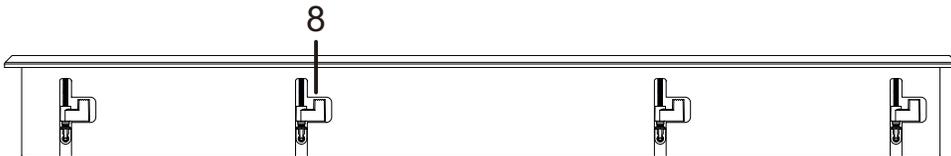
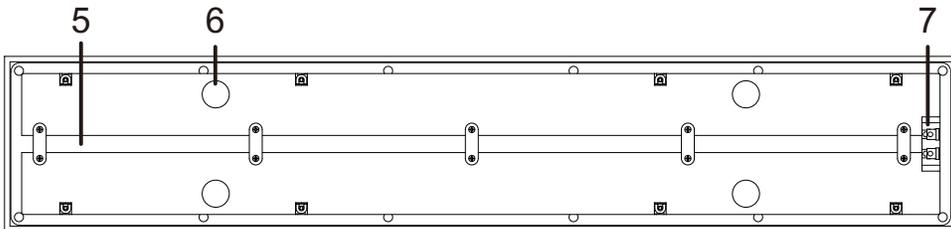
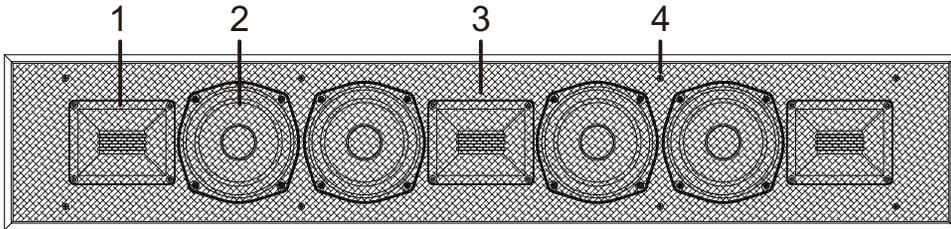
IW-4503 LCR



OW-4503 LCR

In-Wall Overview

1. 2" ribbon tweeters (x3)
2. 5.25" glass fiber cone midbass driver (x4)
3. Magnetically attached grille
4. Turn-N-Lock screw (x8)
5. Center wiring groove
6. Wall/cabinet bushing
7. Gold plated spring loaded terminals
8. Turn-N-Lock™ mechanism (x8)



Warranty Cont.

- Product/part damaged due to poor packaging or abusive shipping conditions.
- Subsequent damage to other products.

A warranty claim will not be valid if the warranty registration card is not properly filled & returned to Earthquake with a copy of the sales invoice.

(E) Service Request:

To receive product(s) service, contact Earthquake Sound's service department at (510) 732-1000 or tech@earthquakesound.com and request an RMA (Return Material Authorization) number as item(s) shipped without a valid RMA number will be refused. Make sure you provide us with your complete and correct shipping address, a valid daytime phone number, and a brief description of the problem you are experiencing with the product. In most cases, our technicians might be able to resolve the problem over the phone or via e-mail, thus eliminating the need to ship the product.

(F) Shipping Instructions:

Product(s) must be packaged inside its original protective box(es) to minimize transportation damage. Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse improperly packaged product(s). A copy of the original sales receipt must accompany the product(s) returned for service. Ship the product(s) to:

Earthquake Sound Corporation. 2727 McCone Avenue. Hayward, CA 94545

The customer is responsible for the cost of shipping the product(s) to Earthquake Sound Corporation

(G) Disputes Resolution:

All disputes between clients and Earthquake Sound Corporation resulting from the one (1) year limited warranty policy must be resolved according to the laws & regulations of Alameda County, California.

Warranty

Earthquake Sound warrants the original purchaser that all Factory Sealed New Audio products be free from defects in material and workmanship, under normal and proper use, for a period of one (1) year from the date of purchase (as shown on the original sales receipt with serial number affixed/written on it). The one (1) year warranty period is valid only if the product is properly installed by an Earthquake Sound authorized party and the warranty registration card is properly filled out and sent to Earthquake Sound Corporation. If the product is installed by a non-authorized party, a thirty (30) day warranty period applies.

(A) One (1) year limited warranty guidelines:

- Earthquake pays for labor, parts and ground freight (US Mainland only) back to the customer.

(B) Warning:

Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem(s) will not be covered by the limited warranty. Customer will be charged a minimum of one (1) hour of labor (at ongoing rate) plus the shipping charges back to the customer.

(C) Earthquake agrees to repair or replace - at our discretion - all such defective products/parts subject to the following provisions:

- Defective products/parts have not been altered or repaired by other than an Earthquake factory approved technician.
- Products/parts are not subjected to negligence, misuse, improper use, or accident, damaged by improper line voltage, used with incompatible products, or have its serial number or any part of it altered, defaced or removed, or have been used in any way that is contrary to Earthquake's written instructions.

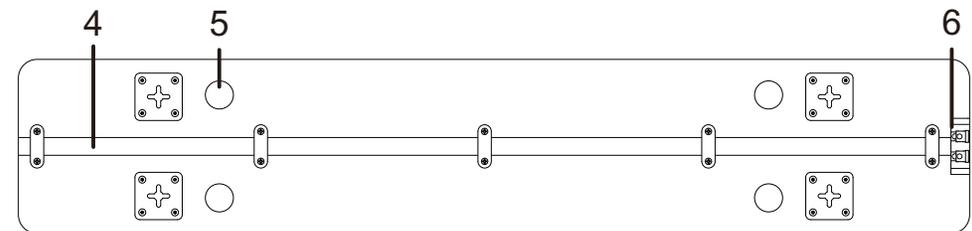
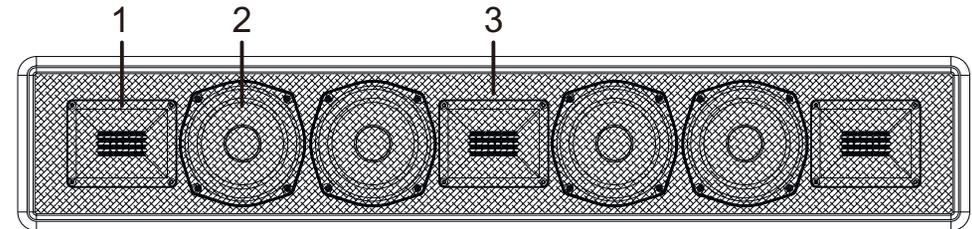
(D) Warranty Limitations:

Earthquake warranty does not cover products that have been modified or abused, including but not limited to the following:

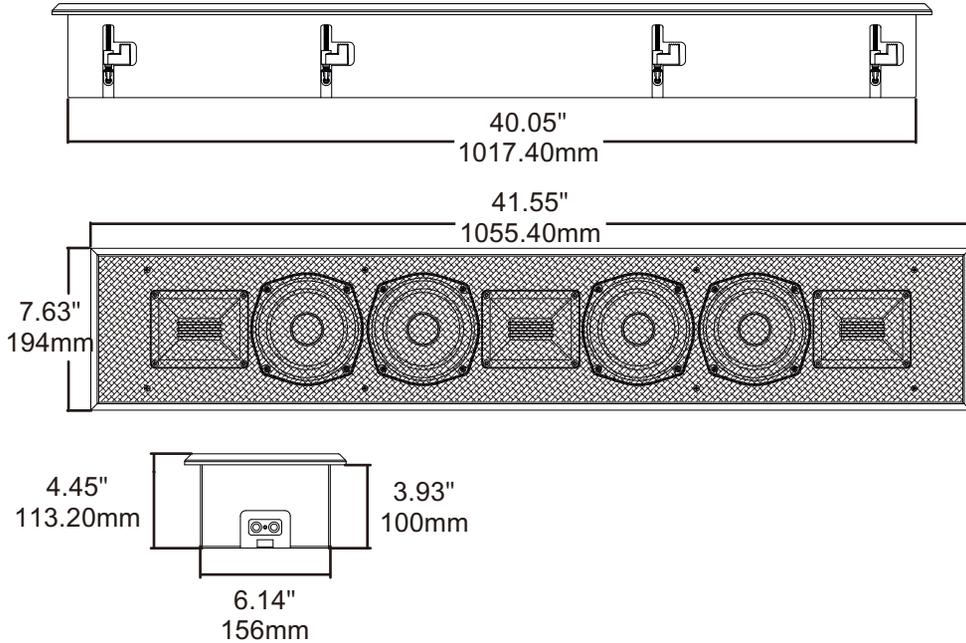
- Damages due to misuse, abuse or use of improper cleaning materials/methods.
- Bent frame, broken connectors, holes in speaker cone, holes/cracked in wall plate, burnt parts.
- Fading, deterioration of components & finish due to improper exposure to elements.
- Burnt tracers on PCB.

On-Wall Overview

1. 2" ribbon tweeters (x3)
2. 5.25" glass fiber cone midbass driver (x4)
3. Magnetically attached grille
4. Center wiring groove
5. Wall/cabinet bushing
6. Gold plated spring loaded terminals



In-Wall Specifications



Power Handling

120 WRMS

600 Watts Max

Frequency Response

80Hz–40kHz

Crossover Frequency

2000Hz LP 12dB/Oct

2000Hz HP 12dB/Oct

Coverage Angles

Vertical 15°–90°

Horizontal 80°–130°

Impedance

8-Ohm

Sensitivity

92dB

Overall Dimensions

H: 7.63" (194mm)

W: 41.55" (1055.40mm)

D: 4.45" (113.20mm)

Cutout Dimensions

H: 6.14" (156mm)

W: 40.05" (1017.40mm)

Mounting Depth

3.93" (100mm)

Weight

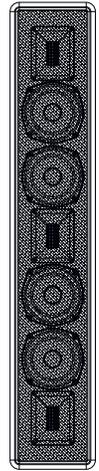
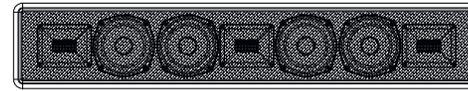
24.47 lbs (11.10 kgs)

On-Wall Installation

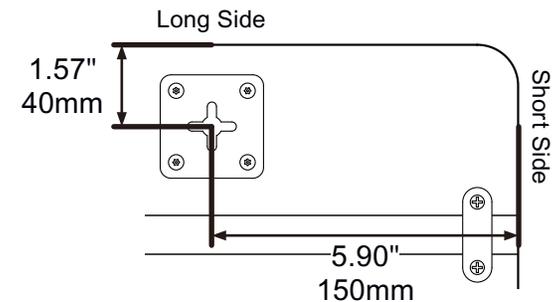
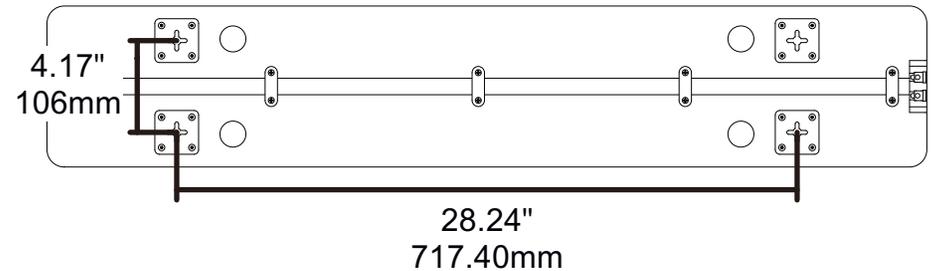
Vertical Installation

Use the built-in cross mounting brackets to mount the OW-4503 LCR to a wall. The speaker weighs over ##lbs and should be mounted to either a wall stud using M4 sized screws (not included) or spring loaded toggle bolts if not mounted to a stud. The mounting hardware can be found at most local hardware stores.

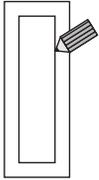
Horizontal Installation



Use the dimensions above for mounting the OW-4503 LCR to the wall. For added convenience, the mounting brackets are spaced apart 16 inches on center when the OW-4503 LCR is placed in a horizontal position.



In-Wall Installation



LOCATE & MARK STUDS

Outline the cutout hole using the supplied template. Stay clear from any 2 x 4 studs.



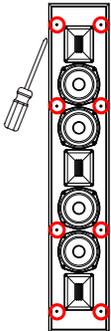
CUT THE DRYWALL

Cut out the drywall marked by the supplied template. It is recommended that the speaker grille be removed prior to installation.



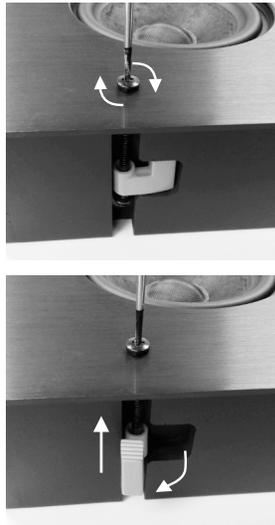
CONNECT THE SPEAKER

Attach speaker wires and insert the Clarté LCR speaker into the drywall opening.



SECURE WITH TURN-N-LOCK™

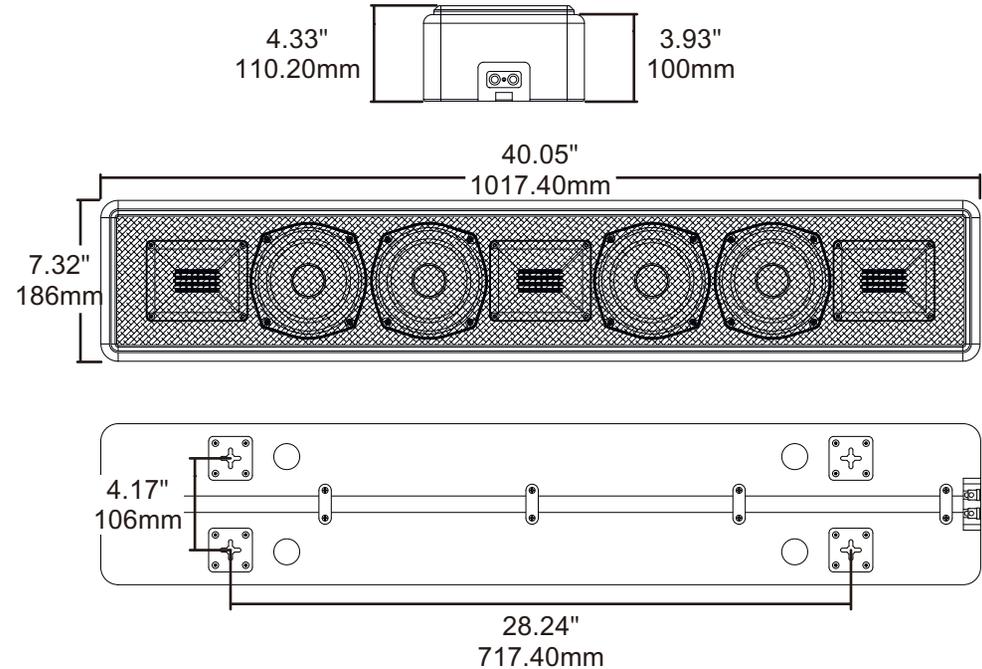
Align the speaker into position. Tighten the eight screws evenly to secure the unit with the TURN-N-LOCK™ mechanism. Turning the screws clockwise will engage the mechanism. Keep turning the screw until the TURN-N-LOCK™ dog ear moves towards the front plate and is snug against the inside of the drywall. This will ensure that the speaker is firmly secure inside of the wall.



PLACE THE GRILLE

Align the speaker grille into position. The grille will magnetically attach itself to the plate.

On-Wall Specifications



Power Handling

120 WRMS
600 Watts Max

Frequency Response

80Hz–40kHz

Crossover Frequency

2000Hz LP 12dB/Oct
2000Hz HP 12dB/Oct

Coverage Angles

Vertical 15°–90°
Horizontal 80°–130°

Impedance

8-Ohm

Sensitivity

92dB

Overall Dimensions

H: 7.32" (186mm)
W: 40.05" (1017.40mm)
D: 4.33" (110.20mm)

Cross Mount Dimensions

H: 4.17" (106mm)
W: 28.24" (717.40mm)

Weight

24.47 lbs (11.10 kgs)

Speaker Placement

The illustration demonstrates how the on-wall and in-wall Cinénova Clarté Line Array LCR can be positioned for a typical left and right channel home theater setup. These Line array LCRs can also be used for center and surround channels if needed. Earthquake recommends positioning these speakers so your ears are at the same level between the two bottom drivers. We found that this setup will provide most listeners with the best listening experience, whether sitting or standing, and with a typical ceiling height of 8 feet.

Listening Distance & Speaker Separation

Listening Distance: 10' Away
Separation: 6' ID / 6'5" C/C

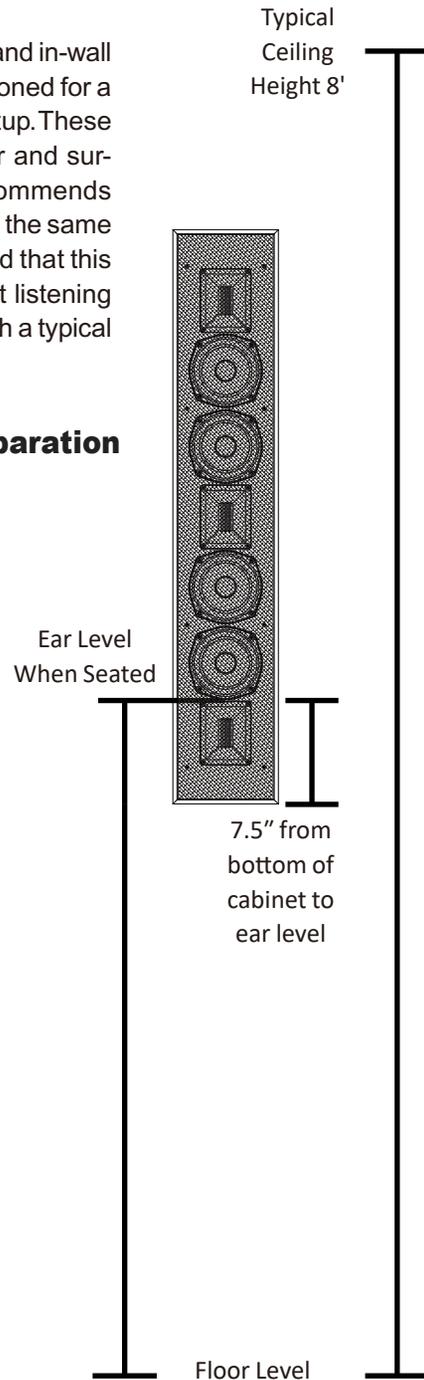
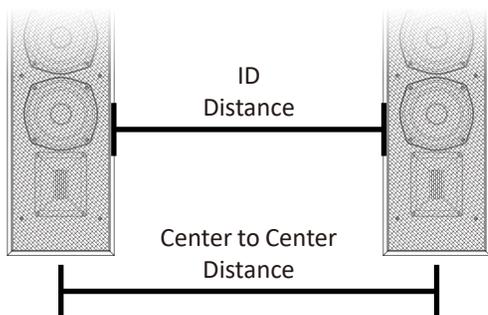
Listening Distance: 11' Away
Separation: 7'4" ID / 8' C/C

Listening Distance: 12' Away
Separation: 7'6" ID / 8'2" C/C

Listening Distance: 13' Away
Separation: 8' ID / 8'6" C/C

Listening Distance: 14' Away
Separation: 8'8" ID / 9'2" C/C

Listening Distance: 15' Away
Separation: 9'4" ID / 9'10" C/C



Speaker Placement Cont.

To optimize the acoustics of the Cinénova Clarté Line Array LCR speakers, you should follow these simple guidelines.

For the best stereo reproduction, the left and right channels should be placed at an equal distance from your listening position and separated so that the angle between them is between 40 and 60 degrees. In addition, the units should be placed so that your ears (while seated) are level between the bottom two drivers, about 36 to 48 inches from the floor. Finally, the placement of center channels 30 to 50 inches from the floor is recommended. This will ensure you receive the best possible performance from your listening position. Also, note that these line array speakers can be used for surround setups depending on one's room and AV receiver/processor compatibility.

