



EWSLA63

Edgeless High Fidelity Line Array Speaker



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Installation Manual

www.earthquakesound.com

Safety First

This documentation contains general safety, installation, and operating instructions for the EWSLA63. It is important to read this user's manual before attempting to use this product. Pay particular attention to the safety instructions.

Symbols Explained:



Appears on the component to indicate the presence of uninsulated, dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.



Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in injury or death.



Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in damage to or destruction of part or all of the product.

Note:

Calls attention to information that is essential to highlight.

This triangle, which appears on your component, alerts you to the presence of uninsulated, dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.



This triangle, which appears on your component, alerts you to important operating and maintenance instructions in this accompanying literature.



WARNING: These products are capable of generating high sound pressure levels. You should exercise caution when operating these speakers. Long term exposures to high levels of sound pressure will cause permanent damage to your hearing. Sound pressure levels exceeding 85dB can be dangerous with constant exposure, set your audio system to a comfortable loudness level. Earthquake Sound Corporation does not assume liability for damages resulting from the direct use of Earthquake speakers, and urges users to play volume at moderate levels.

- 1) Read these instructions in their entirety.
- 2) Store this manual and packaging in a safe place.
- 3) Heed all warnings.
- 4) Follow instructions (do not take shortcuts).
- 5) Do not use this apparatus near water.
- 6) Clean only with a dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatuses that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. The grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments and accessories specified by the manufacturer.
- 12) Use only a compatible rack or cart for the final resting position.
- 13) Unplug this apparatus during lightning storm or when unused for a long period of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in a way such as: power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Dear Valued Customer,

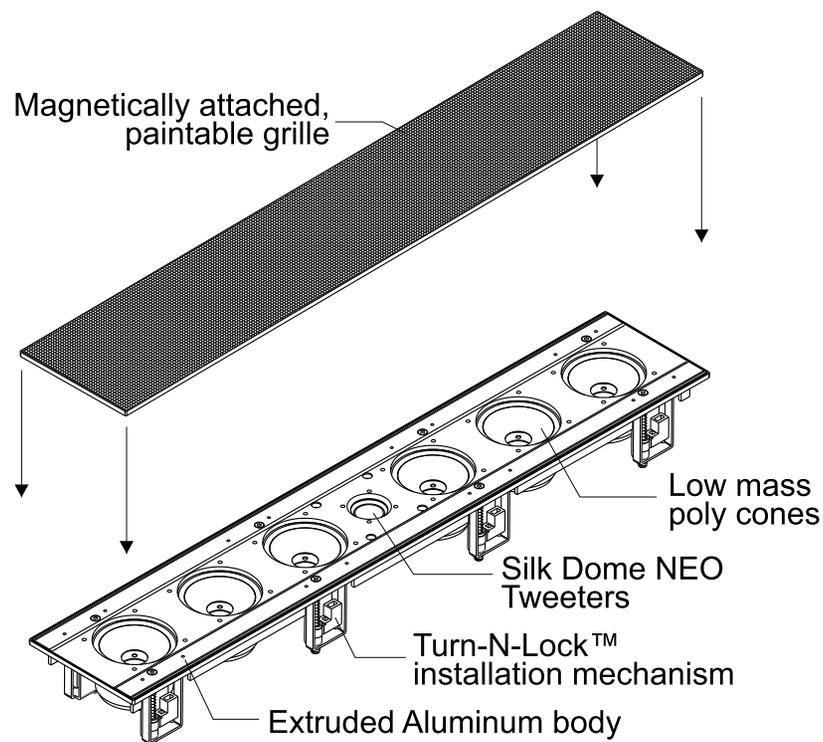
Thank you for choosing the EWSLA63 high performance in-wall speaker, one of the most valuable of Earthquake sound's products prized for its high volume and fidelity sound reproduction.

It is very important to follow all installation/mounting instructions and recommendations in this manual closely and carefully to insure optimal performance operation and longevity.

The LA63 is a line-array in-wall speaker system that is practically invisible. Not only does it blend with most décor, the LA63 requires less power from your amplifier to deliver massive blends of sound quality and SPL. This is possible due to the line array design. Line array focuses the music on the seating area rather than the whole room. By directing sound using this technology, the user will need less input power to deliver high sound pressure level to the listener. By reducing the input power, the walls reflections are also reduced.

The EWSLA63 Features:

- Frameless design for reduced visibility
- Six 3" low mass poly cone midrange speakers
- 1" (25mm) silk dome NEO swiveling tweeters
- \pm 3dB bass and treble controls
- Elaborate crossover networks
- Easy Turn-N-Lock™ installation mechanism
- Gold plated, spring loaded terminals
- Magnetically attached, paintable grilles



Speaker Placement:

The LA63 Speakers are designed to be flush mounted in the walls or ceilings. To optimize their acoustics you should follow these simple guidelines:

For best stereo reproduction the speakers should be placed an equal distance from your listening position and separated so that the angle between them is between forty (40) and sixty (60) degrees. The units should be placed with the tweeters near the ear level of the seated listener.

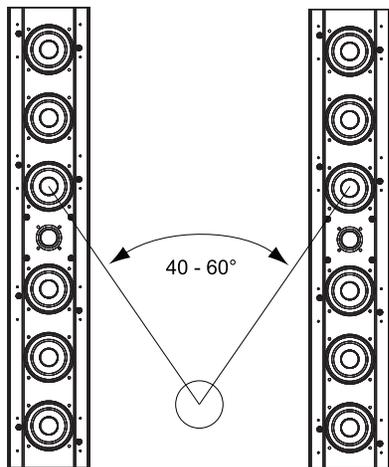


Figure 1

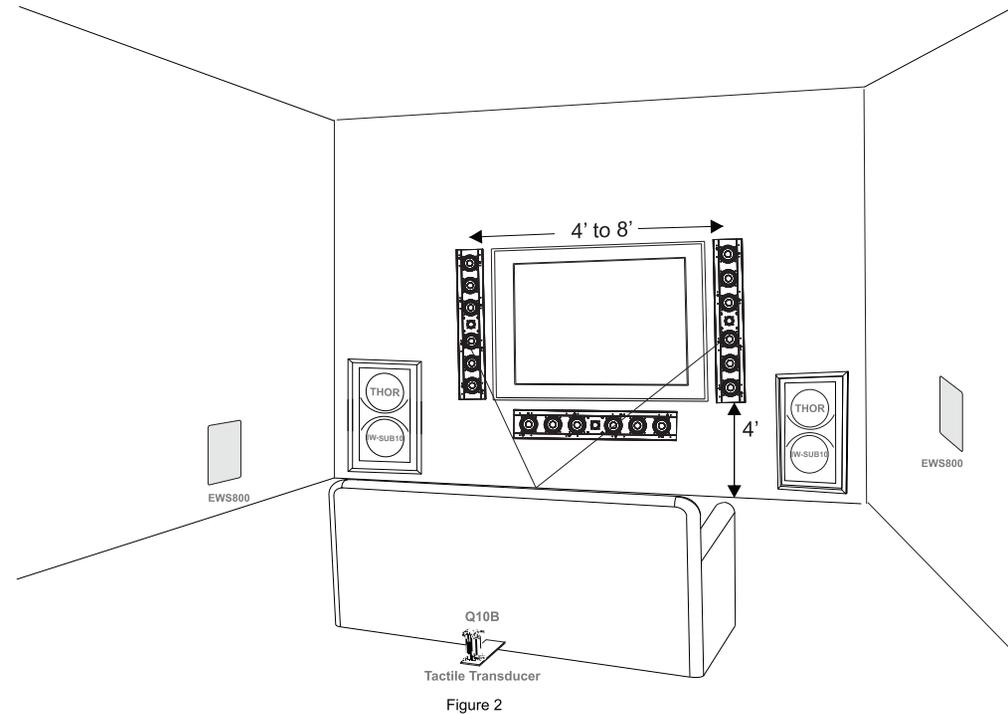


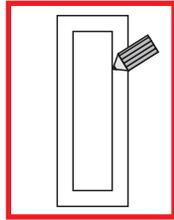
Figure 2

Painting Guidelines:

The LA63 speaker grilles are paintable and can accept virtually any type of paint. We strongly suggest applying multiple light/thin coats either by spray or roller to achieve proper coverage.

When you are ready to begin painting, remember to shield the driver and tweeter from the paint. Also, be sure to remove the inner grille cloth prior to painting and replace it once the paint has completely dried.

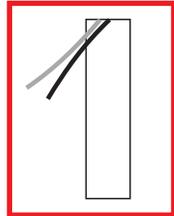
General Installation



1

LOCATE & MARK THE 2x4's

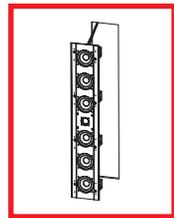
Outline the hole using the supplied speaker template - stay clear from the 2x4's.



2

CUT THE DRYWALL

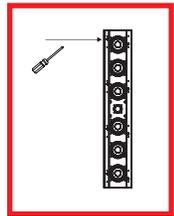
Using a drywall saw, cut out the opening.



3

CONNECT THE SPEAKER

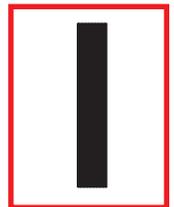
Attach speaker wire and insert the LA63 speaker into the wall opening.



4

SECURE THE SPEAKER

Align the speaker in position and tighten the screws evenly to secure the unit.



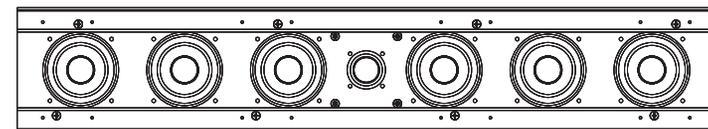
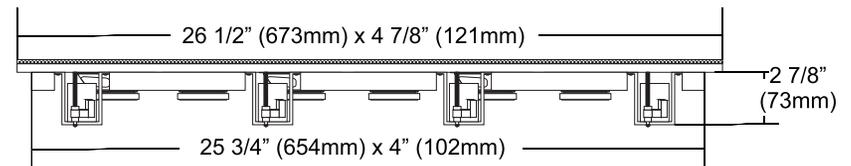
5

PLACE THE GRILLE

Align the grille - speaker cover - in position. Gently snap grille into place

LA63 SPECIFICATIONS

Frequency Response:	40Hz - 20kHz
Sensitivity:	89 dB @ 1W/1M
Nominal Impedance:	8-Ohm
Power Handling:	350 Watts Max
Driver Components:	Two-way array system using six 3" low mass poly cone midrange and one 1" silk dome NEO tweeters
Enclosure Material / Type:	Aluminum
Grille Finish:	White
Speaker Dimension:	26 1/2" (673mm) x 4 7/8" (121mm)
Cut Out Dimension:	25 3/4" (654mm) x 4" (102mm)
Mounting Depth:	2 7/8" (73mm)
Wire Gauge Recommended:	12 - 14 Gauge
Weight Per Speaker:	9.1 lbs (4.12 kg)



Simply tighten the screws by hand **using a screwdriver** to prevent the mounting ears from snapping. Some resistance may occur the first few turns of the screw as it makes its path through the plastic.

Five (5) years limited warranty:

Earthquake 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 five (5) years from the date of purchase (as shown on the original sales receipt). The five (5) years limited warranty period is valid only if the product is properly installed by an Earthquake 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 ninety (90) days warranty period applies.**

(A) Five (5) years limited warranty plan coverage guidelines:

- **First year:** Earthquake pays for labor, parts, and ground freight (only in US mainland, not including Alaska and Hawaii) back to customer.
- **Second, Third, Fourth & Fifth year:** Earthquake pays labor only. Customer must pay for parts and shipping and handling **b o t h** ways.

(B) Warning:

Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem will not be covered by the five (5) years limited warranty. Customer will be charged a minimum of one (1) hour of labor (ongoing rates) plus shipping charges back to customer.

(C) Earthquake agrees to repair or replace - at our option - 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 to speaker cabinet and cabinet finish due to misuse, abuse, or use of improper use of cleaning materials/methods.
- Bent speaker frame, broken speaker connectors, holes in speaker cone, surround & dust cap, burnt speaker voice coil.
- Fading, deterioration of speaker components & finish due to improper exposure to elements.

- Bent casing, damaged finish on the casing due to abuse, misuse, or improper use of cleaning material.
- Burnt tracers on PCB.
- 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 service department at (510) 732-1000 and request an RMA number (Return Material Authorization), items shipped without a valid RMA number will be refused. Make sure you provide us with your complete/correct shipping address, a valid 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, thus eliminating the need to ship the product.

(F) Shipping Instructions:

Product/s must be packaged in its original protective box/es to minimize transport damage. Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse product improperly packed. Original bill of sale must accompany product returned for service. We encourage you to include with the package a written description of the problem. Ship product to:

**Earthquake Sound Corp.
2727 McCone Avenue
Hayward, CA 94545
Ph (510) 732-1000**

You are responsible for the cost of shipping the product to Earthquake Sound Corporation.

(G) Disputes Resolution:

All disputes - between clients and Earthquake Sound Corporation - resulting from the five (5) years limited warranty policy must be resolved according to the laws & regulations of the county of Alameda -California.