



# EWS

## Edgeless High Fidelity In-Wall Speaker Series



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## Installation Manual

[www.earthquakesound.com](http://www.earthquakesound.com)

Thank you for purchasing the EWS Edgeless In-Wall Speaker series, one of Earthquake's most valued in-wall speaker lines. With the proper installation and operation, the EWS will provide a lifetime of durability and high-end performance.

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 EWS Features:**

- Frameless design for reduced visibility
- Long excursion kevlar speaker and woofer cones
- 1" (25mm) silk dome NEO swiveling tweeters
- ± 3dB bass and treble controls
- Elaborate crossover networks
- Easy Turn-N-Lock™ installation mechanism
- Gold plated, spring loaded terminals
- Magnetically attached, paintable grilles

**Painting Guidelines:**

The EWS Edgeless In-Wall Speaker grilles are paintable and can accept virtually any type of paint. Spray and roller paint applications typically provide the best results. 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.



**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.

**Speaker Placement:**

The EWS Edgeless In-Wall 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.

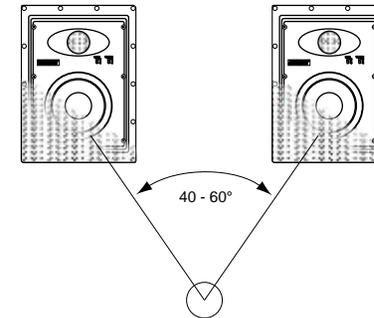


Figure 1

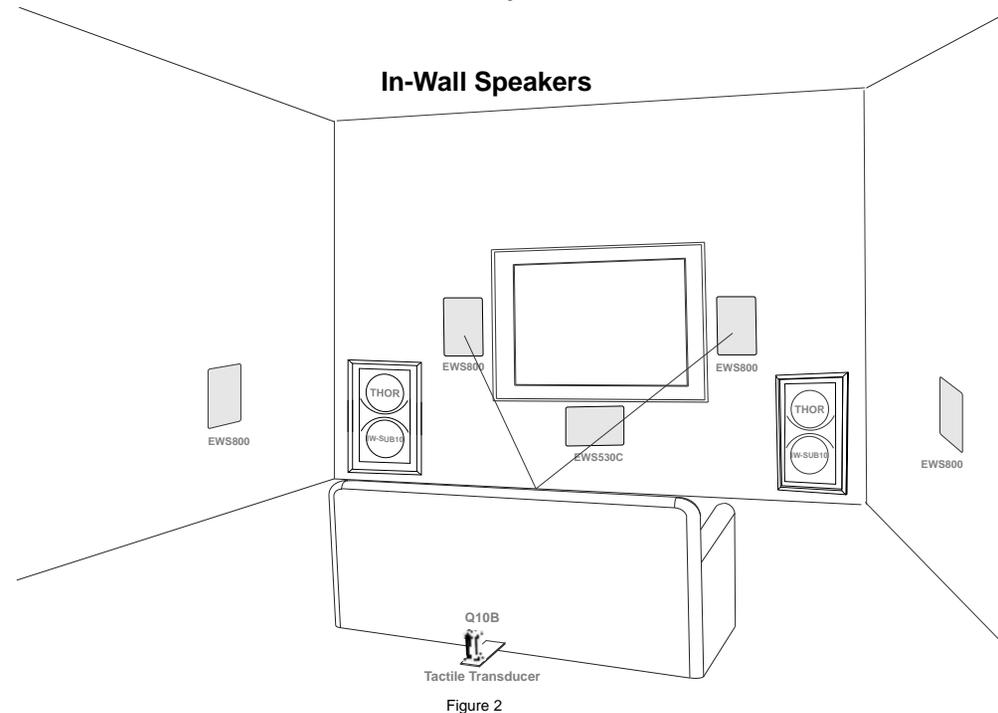


Figure 2



**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 EWS Edgeless In-Wall 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**

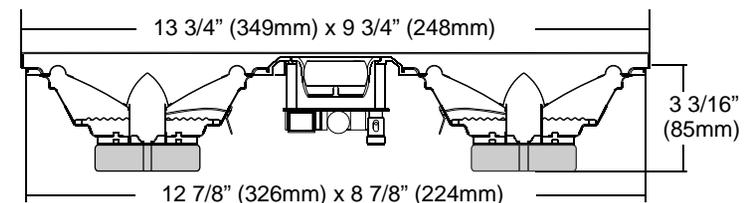
Align the grille - speaker cover - in position. Gently snap grille into place



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.

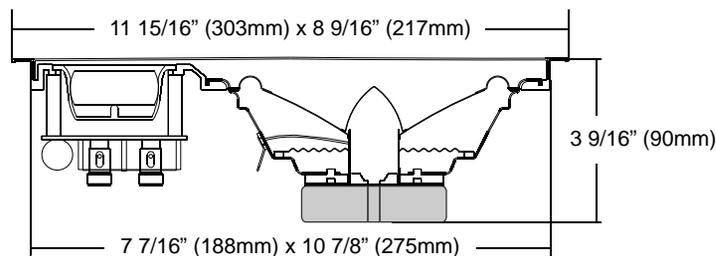
**EWS530C SPECIFICATIONS**

Frequency Response:	40Hz - 20kHz
Sensitivity:	87dB @ 1W/1M
Nominal Impedance:	8-Ohm
Power Handling:	350 Watts Max
Enclosure Material / Type:	Impact resist ABS plastic
Driver Components:	Three-way system using: two 5.25" low mass stiff kevlar cone midbass, one 3" low mass kevlar cone midrange and two 1" silk dome swiveling NEO tweeter
Outer Dimension:	13 3/4" (349mm) x 9 3/4" (248mm)
Cut Out Dimension:	12 7/8" (326mm) x 8 13/16" (224mm)
Mounting Depth:	3 3/16" (85mm)
Wire Gauge Recommended:	12
Weight Per Speaker:	6.8 lbs
Grille Finish:	White / Paintable



**EWS600 SPECIFICATIONS**

Frequency Response:	40Hz - 20kHz
Sensitivity:	87dB @ 1W/1M
Nominal Impedance:	8-Ohm
Power Handling:	350 Watts Max
Enclosure Material / Type:	Impact resist ABS Plastic
Driver Components:	Two-way system using: one 6.5" low mass stiff kevlar cone midbass and one 1" silk dome swiveling NEO tweeter
Outer Dimension:	8 9/16" (217mm) x 11 15/16" (303mm)
Cut Out Dimension:	7 7/16" (188mm) x 10 7/8" (275mm)
Mounting Depth:	3 9/16" (90mm)
Wire Gauge Recommended:	12
Weight Per Speaker:	3.5 lbs
Grille Finish:	White / Paintable



**EWS800 SPECIFICATIONS**

Frequency Response:	30Hz - 20kHz
Sensitivity:	88dB @ 1W/1M
Nominal Impedance:	8-Ohm
Power Handling:	500 Watts Max
Enclosure Material / Type:	Impact resist ABS plastic
Driver Components:	Two-way system using: one 8" low mass stiff kevlar cone midbass and one 1" silk dome swiveling NEO tweeter
Outer Dimension:	9 3/4" (248mm) x 13 3/4" (349mm)
Cut Out Dimension:	8 13/16" (224mm) x 12 7/8" (326mm)
Mounting Depth:	4 1/16" (103mm)
Wire Gauge Recommended:	12
Weight Per Speaker:	4.2 lbs
Grille Finish:	White / Paintable

