

# INSTALLATION GUIDE

for the

## M103EWS-CG-WH-R/M103EWS-CG-WH-L

SKU#90136/90137



*We strongly recommend that you have your new Enclosed 3-Way Weatherproof Subwoofer/Satellite system installed by your authorized JL Audio dealer. The installation professionals employed by your dealer have the necessary tools and experience to mount the enclosure properly. If you choose to attempt the installation yourself, please read this installation guide completely before beginning the process.*

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### ! IMPORTANT

If you choose to perform the installation yourself, it is absolutely vital that the enclosure be properly mounted according to these instructions. Failure to mount the enclosure properly presents two problems:

- 1) The sub-bass performance will suffer due to the movement of the enclosure caused by the force exerted by the woofer(s).
- 2) A loose enclosure presents a serious safety hazard in the event of a collision or other such accident.

### INSTALLATION DIFFICULTY:

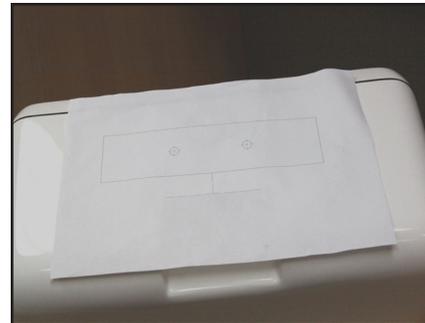
2 OUT OF 5

ESTIMATED TIME:  
1 HOUR



### STEP 1

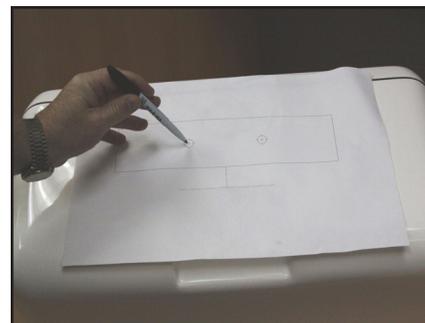
Determine the desired location for the Enclosed Subwoofer/Satellite then decide on which surface would be the best location for the universal mounting bracket. It can be installed on any side of the enclosure to fit a variety of applications. Here the bracket is shown on the top.



### STEP 2

Align the template on the enclosure. The line on the template can be used as a guide to help center the bracket around the notch on the top of the enclosure.

Tape the template in place, if needed.



### STEP 3

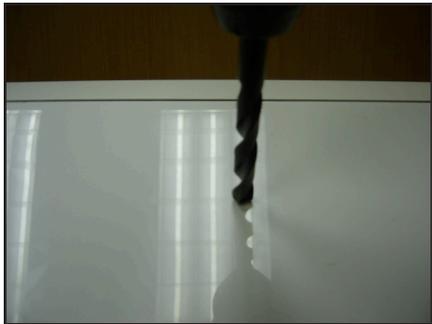
Mark the center of both mounting holes on the enclosure, and remove the template.

**STEP 4**

Remove the 12 Phillips head screws around the subwoofer and speaker, then remove both speakers from the enclosure. From inside the larger subwoofer enclosure, drill a hole into the smaller speaker chamber for the speaker cable.

**Before drilling, always make sure that you are not going to be drilling into anything that might cause a reduction in your weekly pay.**

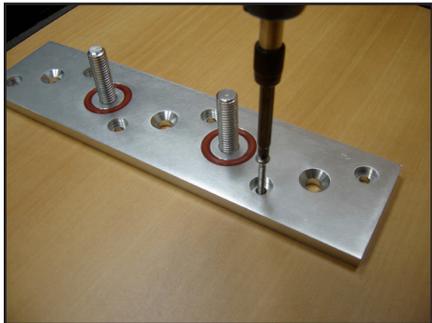
**Always wear eye protection when drilling!**

**STEP 5**

Using a 9/16" drill bit, carefully drill the two mounting holes marked in Step 3.

**Before drilling, always make sure that you are not going to be drilling into anything that might cause a reduction in your weekly pay.**

**Always wear eye protection when drilling!**

**STEP 6**

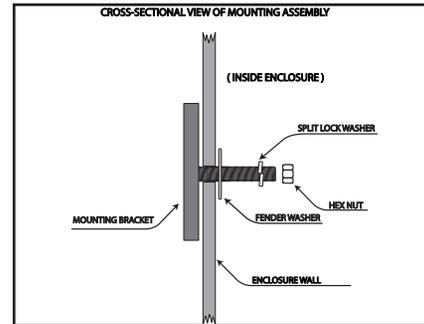
Permanently mount the bracket in place with the appropriate hardware.

**Before drilling, always make sure that you are not going to be drilling into any gas lines, brake lines, tires, transmission lines, electrical wiring, exhaust systems or anything else that might cause a reduction in your weekly pay.**

**Always wear eye protection when drilling!**

**STEP 7**

Align the bolts on the bracket with the holes in the enclosure. Using the supplied hardware, secure the enclosure to the bracket as outlined in Step 8.

**STEP 8**

From inside the enclosure, place a fender washer, a split lock washer, and a hex nut over each of the studs, and tighten firmly.

**STEP 9**

Route speaker cable into the enclosure, and connect both speakers. Reinstall the subwoofer and speaker into the enclosure, and connect the speaker cables to the amplifier. The subwoofer should be crossed over between 80-120 Hz.

**STEP 9****CONGRATULATIONS!**

You have completed the installation for this model!

Enjoy your new 3-Way Weatherproof Subwoofer/Satellite Enclosure.

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JLA-SKU# 90136/90137 08.03.2010 • Printed in USA • ©2010 JL Audio, Inc. • U.S. PATENTS: #5,734,734 #5,949,898 #6,118,884 #6,229,902 #6,243,479 #6,294,959 #6,501,844 #6,496,590 #6,441,685 #5,687,247 #6,219,431 #6,625,292 #D472,891 #D480,709 Other U.S. & Foreign patents pending. For more detailed information please visit us online at [www.jlaudio.com](http://www.jlaudio.com).



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