

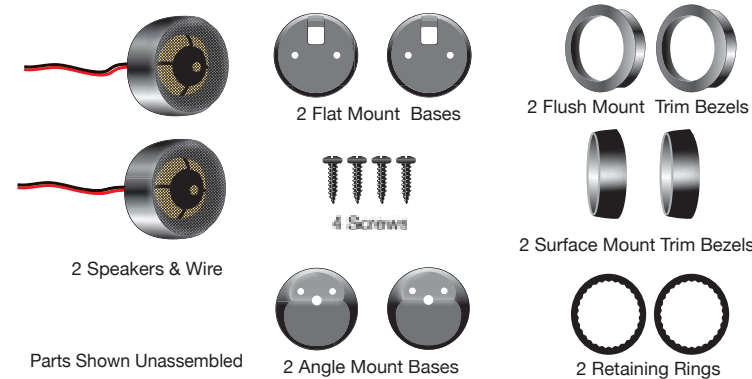
## Read First!

Dear Customer,  
CONGRATULATIONS. The RT15 Tweeters, when used as described, will give you years of dependable service in your car, truck, RV or mini-van. We have taken numerous measures in quality control to ensure that your product arrives in top condition, and will perform to your satisfaction. In the rare event that your RT15 Tweeters contain a damaged or missing item; does not perform as specified; requires warranty service or you have an installation problem, **DO NOT RETURN THIS PRODUCT TO THE STORE.** Please call our TOLL FREE number US (800) 445-1797 and ask to speak with a member of our technical service team, or submit your questions by E-Mail to customerservice@roadmasterusa.com and a member of our technical service team will respond by E-Mail to your questions. Our in-house technical service team will expedite delivery of your part, or advise you on installation, or help troubleshoot a problem with you. If your product needs warranty service, our technical service team representative will help you obtain the fastest remedy possible under the warranty.

## Specifications

- 1" Kevlar Dome Tweeter
- 0.42 oz. Magnet Weight
- 10 Watts RMS per Speaker
- Frequency Range - 2kHz - 20 kHz
- 25mm KAPTON Voice Coil
- NeFeB Magnet Composition
- Speaker Wire Length 39" per Speaker

## Parts

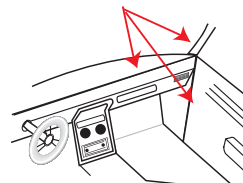


## Location

**WARNING** Before installing this product, you must check the vehicle's manual for locations of safety equipment such as air bags and CO2 systems installed in the vehicle. Accidental deployment of air bags may result in serious injury.

The RT15 tweeters can be surface or flush mounted. Possible locations for mounting the RT15 tweeters are the dashboard, roof pillars, interior panels, door panels and ceiling panels. For a flush mounted installation, there must be a minimum of at least 1" of clearance behind the mounting surface after the tweeter is installed.

Possible Mounting Locations

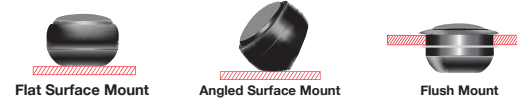


If you are installing the RT15 speakers to upgrade/replace your existing speakers, mark the polarity of the speaker wires, disconnect the speaker wires and remove the existing speakers from your vehicle. Temporarily place the RT15 speakers in the location you selected in your vehicle and connect the existing speaker wires. Temporary placement of the speakers in the vehicle helps in estimating length of wiring needed, as well as, how the speakers will sound in various locations of the vehicle.

We understand that automotive audio equipment installations can be troublesome at times, even to the most experienced of installation technicians. If you are not confident working with electrical wiring, removing and reinstalling interior panels, carpeting, dashboards or other components of your vehicle, please call our TOLL FREE help line (800)445-1797 and our in-house technical service team will answer your installation questions.

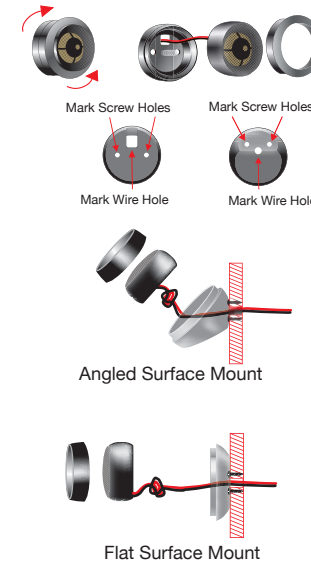
## Mounting

THE RT15 CAN BE MOUNTED 3 DIFFERENT WAYS



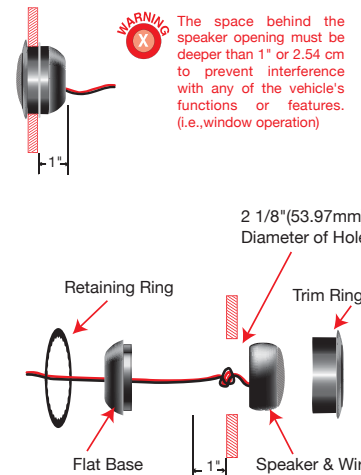
### Surface Mount

1. Twist the surface mounting bracket and flush trim bezel and separate them from the speaker and wire
2. Place the flat or angled mounting base onto the surface where the RT15 Tweeter will be installed. Use a marker to mark where the screw holes will be. Drill pilot holes with a 1/16" drill bit. If you want to run the speaker wires behind the mounting surface, you will have to mark and drill a hole for that as well.
3. Thread the speaker wire from the vehicle's audio system, out through the hole in the mounting surface, and splice them with the speaker wires as shown in the wiring section of this manual.
4. Slide the base along the wire, align the holes in the base with the pilot holes. Use supplied screws to secure the base.
5. Place the surface mount trim bezel over the speaker and push until the base and the bezel can be twisted together.



### Flush Mount

1. Choose a location in your vehicle that has a minimum clearance behind it of at least 1". Make sure you can temporarily remove the mounting surface so you can secure the RT15 tweeter with the retaining ring.
2. Mark a 2 1/8" diameter circle.
3. Cut out the circle,
4. Thread the speaker wire from the vehicle's audio system, out through the hole in the mounting surface and through the retaining ring. Splice the audio system wires with the speaker wires as shown in the wiring section of this manual.
5. Take a RT15 speaker fitted with the flush mount trim ring and the flat mounting base and splice it to the speaker wires. (See Wiring)
6. Insert speaker and wire into hole.

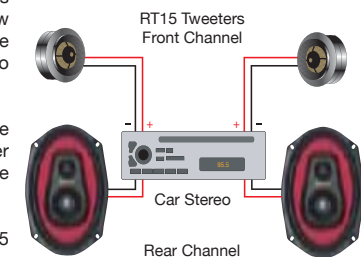


## Wiring

When connecting the speaker wires to your speakers in a new installation, you should follow the wiring instructions from your audio system's manufacturer.

For most systems the positive wire attaches to the positive speaker terminal and the negative wire attaches to the negative terminal.

If you are installing the RT15 speakers to upgrade/replace your existing speakers, mark the polarity of the speaker wires, disconnect the speaker wires and remove the existing speakers from your vehicle.



Color of wires are for illustration only.

### Recommended Method For Splicing Wires



## Frequently Asked Questions

### What if there is no sound?

1. Your stereo may have a blown fuse. Replace fuse with the same amperage and style.
2. You may have improper wiring. Check all wires for a secure connection.

### What if the sound volume is low?

Your stereo may not have enough power, you may need to install an amplifier to drive the speakers. Connect the RCA jacks to an amplifier.

### Why do I have a whining noise coming from the speakers?

You may have poor filtering of your alternator. If that is the case then you may need to add an alternator filter to the power lead.

### Why do I have odd sounding noises coming from the speakers?

You may have corroded battery terminals and/or a weak battery. If the terminals on the battery are corroded clean them, then check the sound. If the sound system is still making noises check battery strength. If it is low recharge or replace the battery.

### Why does the speaker have sound coming from one channel only?

First make sure the balance control is set correctly. If the balance is set correctly your stereo may be defective or the speaker may be defective. To troubleshoot this problem you MUST change both positive and negative leads of each channel with the positive and negative leads of the opposite channel, if the same speaker has no sound then the speaker is no good, if the opposite speaker has no sound then your stereo may be defective.

## Give Us a Call, We'll Help You Install



GIVE US A CALL, WE'LL HELP YOU INSTALL.

PLEASE DO NOT RETURN PRODUCT TO STORE.  
Visit us on the WEB

[www.vr-3.com](http://www.vr-3.com)

For Information and Technical Assistance,  
Call Toll-Free in U.S.A. and Canada.  
1-800-445-1797

### NOTES

## Limited Warranty

VIRTUAL REALITY SOUND LABS® products are designed and manufactured to provide a high level of trouble-free performance. VIRTUAL REALITY SOUND LABS® warrants, to the original purchaser, that its products are free from defects in material and workmanship for 30 days from the date of original purchase. As part of our commitment to product excellence, VIRTUAL REALITY SOUND LABS® and/or its affiliates routinely improve the designs, materials or production methods of its existing products. Because it is impractical to publicize all changes in every product, we reserve the right to make such changes without notice.

### CONDITIONS OF WARRANTY:

1. If during the 30 day warranty period your new product is found to be defective, VIRTUAL REALITY SOUND LABS® will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:
  1. All repairs must be performed by VIRTUAL REALITY SOUND LABS® and/or its affiliates in Eatontown, New Jersey.
  2. The equipment must not have been altered or been damaged through negligence, accident, or improper operation.
  3. The replacement of parts are exempted from this warranty when replacement is necessary due to normal wear and tear.
  4. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
  5. Repair or replacement parts supplied by VIRTUAL REALITY SOUND LABS® under this warranty are protected only for the unexpired portion of the original warranty.
  6. In the case of car stereos, this warranty does not extend to the elimination of car static or motor noise; correction of antenna problems; costs incurred for the removal or reinstallation of the product; damage to tapes, speakers, accessories or car electrical systems.
  7. VIRTUAL REALITY SOUND LABS® will not be responsible for any charge incurred for installation.

### OWNER'S RESPONSIBILITIES:

VIRTUAL REALITY SOUND LABS® will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED, OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1-800-445-1797, 8:30am - 4:30pm EST.

In order to provide you with the proper warranty service, we request that you adhere to the following procedure:

1. Include a copy of your sales receipt or bill of sale with your unit when it is returned for warranty service.
2. If it is necessary to return your product for service, please return it securely packed, preferably in the original shipping carton, and freight and insurance prepaid to the following address: VIRTUAL REALITY SOUND LABS, Service Department, 41 James Way, Eatontown, New Jersey 07724.
3. Please include a detailed explanation of the problem you are having.
4. If your product is found by VIRTUAL REALITY SOUND LABS® to have a defect in material or workmanship, within the warranty period, it will be repaired or replaced at no charge and returned to you prepaid. Where permitted by law VIRTUAL REALITY SOUND LABS® liability shall be limited to that set forth in this warranty. This warranty shall be the exclusive remedy of the purchaser.

VIRTUAL REALITY SOUND LABS® makes no other warranty of any kind, expressed or implied; and all implied warranties, are hereby disclaimed by VIRTUAL REALITY SOUND LABS® and excluded from this warranty, VIRTUAL REALITY SOUND LABS® and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.

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