

## ***XDi Series***

***HIGH PERFORMANCE COMPONENT SPEAKERS***

***XDi 402 XDi 502***

***XDi 602 XDi 462***

***XDi 572 XDi 693***

## **INTRODUCTION**

Thank you for choosing ARC Audio's ***XDi SERIES*** hi-performance mobile audio products. We hope you enjoy your experience with all our products and we welcome any questions or comments you may have.

- Swivel mounted tweeter can be pointed for improved high frequency response in low and off axis speaker locations.
- Low mass injection molded Poly Propylene cone.
- Molded rubber surround with consistent compliance over a broad temperature and excursion range.
- One piece forged yoke maximizes magnetic strength and field density
- CNC machined top plate to maintain tight magnetic gap tolerance.
- Vented basket improves cooling and eliminates compression under the spider significantly reducing distortion in the lower frequencies.
- Poly propylene capacitor improves tweeter performance.
- Treated silk tweeter for absolutely smooth high frequency reproduction even at high volumes.

## SPECIFICATIONS

### ***XDi 402***

Diameter	4"
Musical Power	60 watts
Nor. Power	30 watts
Sensitivity	86dB
Frequency response	110Hz-20KHz
IMP.	4 Ohm
Mounting Depth	1 7/8"

### ***XDi 602***

Diameter	6 1/2"
Musical Power	120 watts
Nor. Power	60 watts
Sensitivity	86dB
Frequency response	55Hz-20KHz
IMP.	4 Ohm
Cut Out Diameter	5 5/8"
Mounting Depth	2 1/2"

### ***XDi 572***

Diameter	5" X 7"
Musical Power	140 watts
Nor. Power	70 watts
Sensitivity	90dB
Frequency response	60Hz-20KHz
IMP.	4 Ohm
Mounting Depth	2 1/4"

### ***XDi 502***

Diameter	5 1/4"
Musical Power	80 watts
Nor. Power	40 watts
Sensitivity	86dB
Frequency response	75Hz-20KHz
IMP.	4 Ohm
Cut Out Diameter	4 5/8"
Mounting Depth	2"

### ***XDi 462***

Diameter	4" X 6"
Musical Power	60 watts
Nor. Power	30 watts
Sensitivity	86dB
Frequency response	90Hz-20KHz
IMP.	4 Ohm
Mounting Depth	1 7/8"

### ***XDi 693***

Diameter	6" X 9"
Musical Power	240 watts
Nor. Power	120 watts
Sensitivity	90dB
Frequency response	50Hz-20KHz
IMP.	4 Ohm
Mounting Depth	2 15/16"

## DIRECT REPLACEMENT

**ARC Audio's XDi** speakers are designed to fit most applications in the original stock location without modification however some vehicles do to the diversity of automotive designs may require minor removal of material, the addition of spacers and relocation of mounting holes to achieve a proper fit.

While ARC Audio XDi speakers are 4 Ohm not all factory original systems use or are compatible with 4 Ohm speakers. Generally if the original speaker is below 4 Ohm a 4 Ohm speaker will work just fine. If the factory speaker is higher then 4 Ohm the manufacturers system may not work properly or can suffer severe damage. Always note the Ohm load of the original speakers. Take care to insure compatibility before completing the installation of any electronic components in your vehicle.

## A WORD ON DISTORTION

Most speaker damage occurs as a result of amplifier distortion also known as "Clipping". Clipping occurs when an amp is driven beyond its maximum rated output. This kind of distortion can be hard to hear unless you know what to listen for. Any time you hear a harsh ear piercing sound at hi volume your amp is probably clipping.

## CAUTION:

Please check the suitability of the installation location before you begin. **Do not cut any of the car's structure.** Pay attention to the mechanism of the window and door.

If you do not have experience with automotive electrical and mechanical systems contact a professional installer. Paying a qualified installer is almost always cheaper than paying a dealership to repair your car.

## THE INSTALL

ARC Audio's XDi coaxial speakers are designed to fit most vehicles without modification. Some locations will require cutting to obtain a proper fit.

1. Remove the interior panel to expose the stock speaker. It may take some time to find and remove all the clip and screws to remove this panel.
2. Remove the stock speaker and disconnect it from the wiring.
3. Check the fit with the new speaker. Make sure that all the door and window hardware will clear the larger magnet.

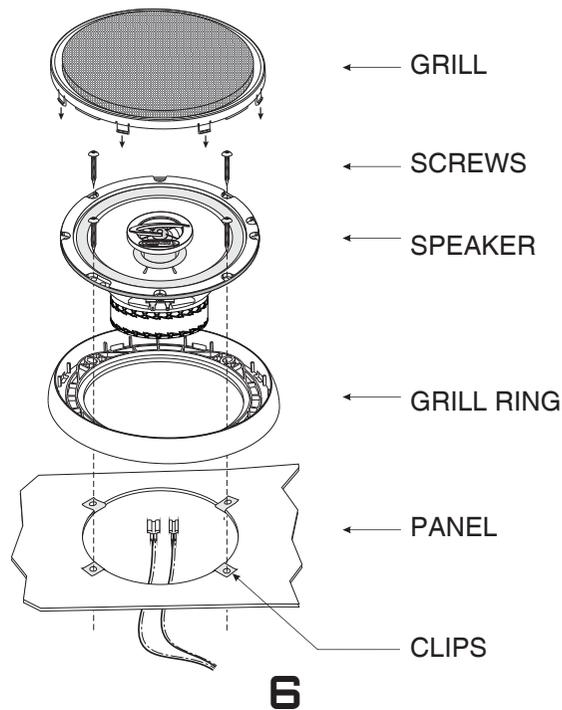
4. You may have to trim some material from around or behind to speaker.
5. Connect the stock speaker wires to the new speaker. Tip: Use a 9V battery and quickly touch it to the terminals of the stock speaker. If the cone moves out the + of the battery is on the + of the speaker. If you noted the color of wire connected to this terminal then you now the + speaker wire.
6. Install the speaker in the location. You may have to drill new holes to secure the speaker.
7. Reinstall the panel. Congratulations you finished and ready to enjoy your new system.

## ARC AUDIO WARRANTY AND SERVICE GUIDELINES

### GRILL INSTALLATION

Remove the grill from the trim ring first then follow the steps below installation.

1. Place the speaker in the opening with the trim ring over it.
2. Screw the trim ring through the panel with the clips beneath.
3. Install the grill into the trim ring. Add a few drops of glue if necessary.
4. Snap in the finish ring.



Note to International Customers-

For warranty and repair service outside of the USA, please send your product directly to your countries authorized Arc Audio distributor for your service needs. As a customer you do have the option to send your product directly back to the factory in the USA but you will be responsible for "ALL" shipping costs, taxes, and duties to and from the USA. Return shipping charges and fee's must be paid by Credit Card with a signed credit card authorization form prior to the return shipment. This includes shipping cost, customs fee's, duties, local and government import/export tax's, broker's fee's and any other misc. fee's that could be added by your local government or other international agencies. International warranty shipments will not be accepted without a proper return authorization number and/or sales receipt documentation.

ARC AUDIO warrants all new products against defects in material and workmanship for a period of ONE (1) YEAR from the original date of purchase from an AUTHORIZED ARC AUDIO RETAILER. This warranty is not transferable and applies only to the original retail purchaser of the product from an authorized ARC AUDIO retailer. Upon inspection by ARC AUDIO should services be necessary under this warranty for any reason due to manufacture defects ARC AUDIO will, at its sole discretion, repair or replace the defective product with new or similar conditioned product at no charge.

THIS WARRANTY DOES NOT COVER INSTALLATION OR DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE, IMPROPER WIRING, OPERATION OUTSIDE OF UNIT OUTSIDE OF MANUFACTURES SPECIFICATIONS, OR AGAINST INSTRUCTIONS IN OWNERS MANUAL. IN ADDITION ANY PRODUCT THAT HAS BEN OPENED, TEMPERED WITH OR MODIFIED, OR IF ANY SERIAL NUMBERS HAVE BEEN REMOVED OR ALTERED WILL NOT BE COVERED BY ANY PART OF THE MANUFACTURES WARRANTY.

All warranty returns should be sent to ARC AUDIO freight prepaid and must be accompanied by proof of purchase (a copy of the original sales receipt). Direct returns from consumers or non-authorized retailers will be refused unless specifically authorized by ARC AUDIO with a valid return authorization number.

All warranty returns must be packed in original packaging and be accompanied by a copy of the original printed sales receipt. Product damaged in shipment due to improper packaging will not be covered under this warranty and the customer or retailer will be charged full cost to repair the specific piece of product back to a like new or similar condition.

In no event will ARC AUDIO be liable for incidental, consequential, or other damages resulting from the use of this product, this includes but is not limited to, damage of hearing, property or person, damage based upon inconvenience or on loss of use of the product, and to the extent permitted by law, damages for personal injury. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. This warranty applies to products sold and used in the United States of America. In all other countries please contact your distributor.

The following are examples of what is not covered under Arc Audio's warranty policy-

- Any Product that is missing or has altered/damaged Serial numbers
- Any Product that has been damaged as a result of physical abuse
- Any Product that has been modified or altered from its original form or design and/or repair has been attempted by unauthorized repair facilities.
- Any product that has been previously owned by another use and was sold private party. (Arc Audio's warranty policy is not transferable to third party or second hand users)
- Any product purchased from ANY form of online marketplace (web sites, EBay or similar auction site, web site talk forum sales, etc)
- Any product not purchased at a brick and mortar authorized store front location.
- Any Speaker or Subwoofer than has been damaged to over-powering causing burnt voice coils and/or mechanical failures such as ripped spiders or surrounds.
- Product that has not been installed as per manufacture recommendations including wiring and installation related damage to product.
- Cosmetic damage due to installation, shipping and handling, and normal wear and tear.
- Arc Audio will not be responsible for any product that has any kind of custom finish or customized cosmetic additions that differs from the original form as manufacture from Arc Audio.
- Products damaged by "Acts of God" (Flood, Fire, Infestations, etc.)

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