



## FD Series

**FD4025**

**FD6025**

**FD6935**

**FD5025**

**FD4625**

**FD5725**

**Installation Manual**

## INTRODUCTION

Thank you for choosing **ARC Audio's Foosé Design** 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.

## DIRECT REPLACEMENT

**ARC Audio** speakers are designed to fit most applications in the original stock location without modification. Some vehicles may require minor removal of material and relocation of mounting holes to achieve a proper fit.

## 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 high volume your amp is probably clipping.

## Specifications

### FD6025

Diameter 6 ½”  
Musical Power 175 watts  
Nor. Power 90 watts  
Sensitivity 86db  
Frequency 60hz-  
response 20Khz  
IMP. 4 Ohm

### FD5025

Diameter 5 ¼”  
Musical Power 140 watts  
Nor. Power 75 watts  
Sensitivity 86db  
Frequency 80hz-  
response 20Khz  
IMP. 4 Ohm

### FD4025

Diameter 4”  
Musical Power 100 watts  
Nor. Power 55 watts  
Sensitivity 86db  
Frequency 110hz-  
response 20Khz  
IMP. 4 Ohm

### FD4625

Diameter 4” X 6”  
Musical Power 100 watts  
Nor. Power 55 watts  
Sensitivity 86db  
Frequency 90hz-  
response 20Khz  
IMP. 4 Ohm

### FD6935

Diameter 6” X 9”  
Musical Power 185 watts  
Nor. Power 100 watts  
Sensitivity 86db  
Frequency 50hz-  
response 20Khz  
IMP. 4 Ohm

### FD5725

Diameter 5” X 7”  
Musical Power 140 watts  
Nor. Power 75 watts  
Sensitivity 86db  
Frequency 65hz-  
response 20Khz  
IMP. 4 Ohm

## 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 KAR Series** 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.

If you have any Question about this product please call ARC Audio Technical Service:

209-543-8706

## LIMITED WARRANTY

**Before shipping this product back for service call for a Return Authorization number. This number must be clearly marked on the outside of the box.**

**Terms & Conditions:** ARC Audio warranties the unit to be free of any material defects or defects in workmanship for a period of one year and will repair this unit or any part thereof only if it proves to be defective as a result of normal use. In order to receive warranty service on this product, the owner must promptly register by filling in and mailing the Warranty Registration Card.

Our obligation under this warranty is limited to repairing only the defective components of the unit thereof when it is returned, shipping prepaid, to ARC Audio.

This warranty is to be considered void if the unit has been tampered with, connected contrary to the installation instructions in the owner's manual, altered, damaged by improper input voltages or polarity, defaced, or treated in a negligent manner.

All returns must be sent freight prepaid, along with \$10.00 to cover return shipping and handling.

Out of warranty service is available after the warranty expires. Cost of repair is based on current repair labor rates, plus the cost of shipping and handling. When returning for repair, pack the unit securely and send prepaid and insured to the address below. ARC Audio is not responsible for damage incurred during shipping.

**For warranty and non-warranty repairs, send to:**

**ARC Audio  
4719 Green Leaf Cr. #4  
Modesto CA, 95356**

