




# ALPHARD MFC-615 2-Way Component System Owner's Manual

[Home](#) » [ALPHARD](#) » ALPHARD MFC-615 2-Way Component System Owner's Manual 

## Contents

- [1 ALPHARD MFC-615 2-Way Component System](#)
- [2 INTRODUCTION](#)
- [3 CONNECTION METHODS](#)
- [4 DIMENSIONS](#)
- [5 INSTALLATION](#)
- [6 SPECIFICATION](#)
- [7 WARRANTY AND MAINTENANCE INFO](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)
- [9 Related Posts](#)

# ALPHARD

**ALPHARD MFC-615 2-Way Component System**



## INTRODUCTION

Thank you for purchasing of this Dear Bonce product! Our company is committed to the creation of extremely loud sound systems with no loss of quality. To ensure proper use, please carefully read through this manual before using this product. It is especially important that you read and observe the caution's in this manual. Please keep the manual in a safe and accessible place for future reference.

## SAFETY INSTRUCTIONS

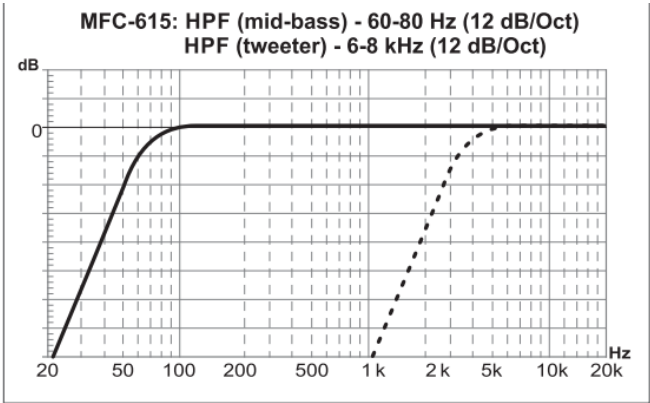
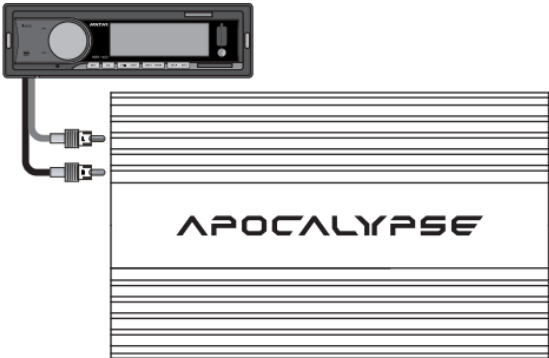
- Fasten the speakers properly when installing it in the vehicle. If the component is disconnected during driving, it may cause serious damage to the passengers of the vehicle or another vehicle.
- Before installing the components, if possible store the product in it's original package to avoid accidental damage to the product.
- Be careful when installing and dismantling the speaker! Do not let the speaker drop to avoid damage of its moving parts.
- When working with tools follow safety rules.
- Before the installation switch off the head unit and all other audio devices to avoid their damage.
- Make sure that the location of the speaker does not hinder the proper operation of mechanical and electrical devices of the vehicle.
- Do not install components in places exposed to water, excessive humidity, high or low temperature, dust or dirt.
- ATTENTION!!! The product may be operated at +5 °C (41F) to +40°C(104F). In case of moisture condensation, let the product to dry.
- When performing plumbing, drilling or cutting works with the car, make sure that there is no wiring, brake lines, fuel pipe or other structural elements under the place of work. Follow the safety rules! Use protective glasses and gloves.
- When stretching back the speaker cables make sure that they are not in contact with sharp edges or moving

mechanical devices. Make sure that they are firmly fixed and protected over the entire length.

- The diameter of the speaker cables must be selected in accordance with the length and applied power.
- Never stretch the cables outside of the car and near the moving parts of the car. This can lead to the destruction of the insulating layer, short circuits and fire.
- To protect the cables use rubber gaskets if the wire passes through a hole in the plate, or other similar materials if it lies close to the parts exposed to heat.

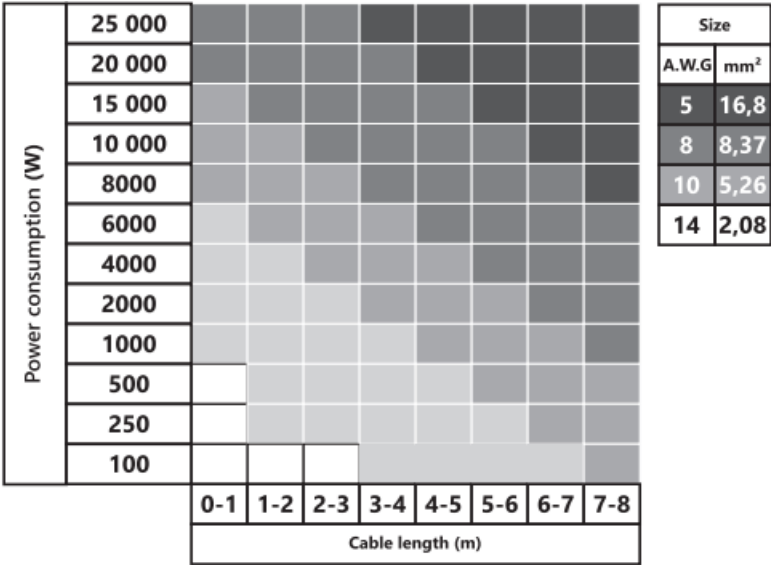
### FILTERING, RECOMMENDED AMPLIFIER SETTINGS

The correct choice of amplifier, its settings, filtering and enclosure largely influence on the lifespan of your audio system. You should select an amplifier with a nominal power, not exceeding the nominal power of the speakers. Proper coordination of the head unit (HU) with the amplifier will allow to get a clean, undistorted signal applied to the component to prevent overheating and voice coil damage. Recommended settings of the amplifier and HU: Volume of HU should not exceed 80%. The amplifier sensitivity should be set to 50%. The recommended filter settings: The high pass filter HPF (the filter that cuts all frequencies below those set for the filter) should be set to 60-80 Hz (12 dB/Oct) for mid-bass speaker and should be set to 6-8 kHz (12 dB/Oct) for tweeter. Recommended amplifiers: AAK-201.4, AHL-200.4, AHL-300.4, AAB-600.2D, AAB-300.4D, AAP-500.2D, AAP-800.2D, AAP-400.4D.

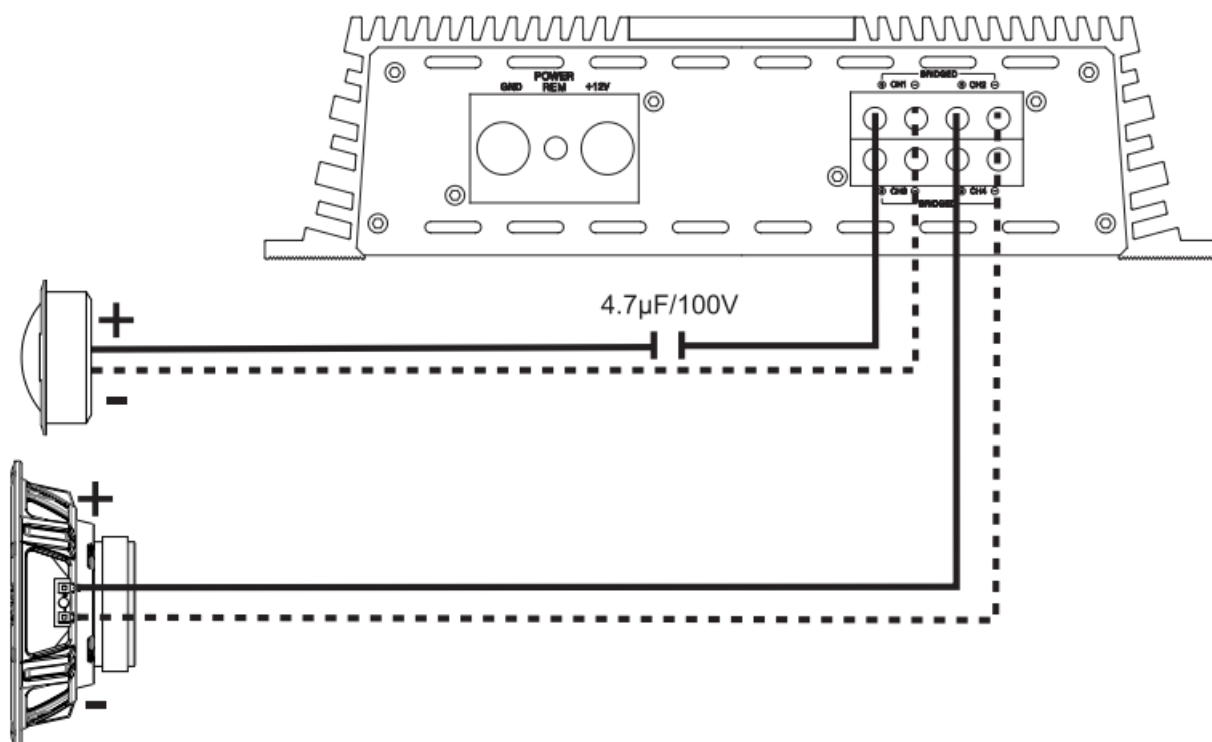


### CONNECTION METHODS

Selection of the diameter of speaker cables

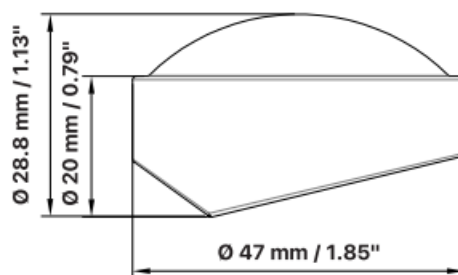
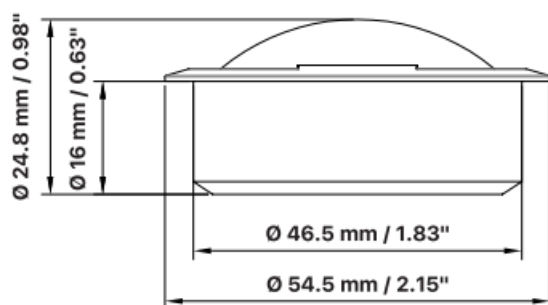
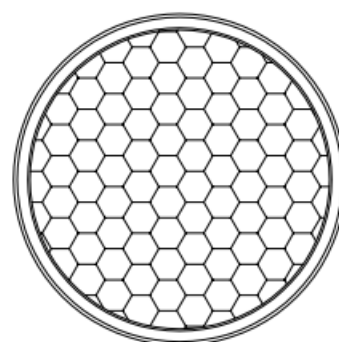
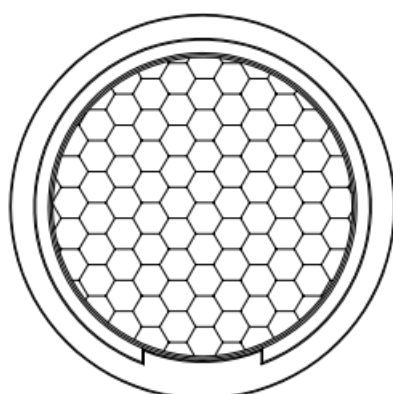


### Wiring schematics

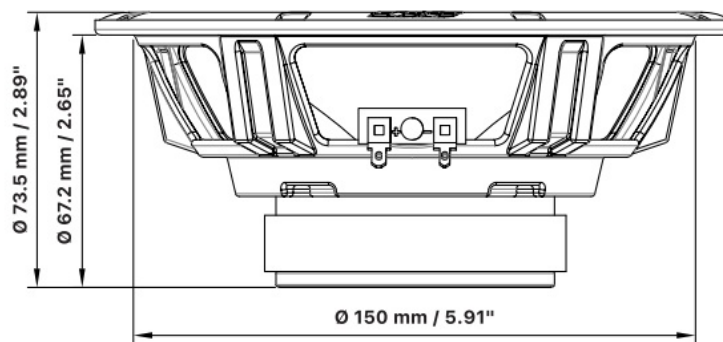
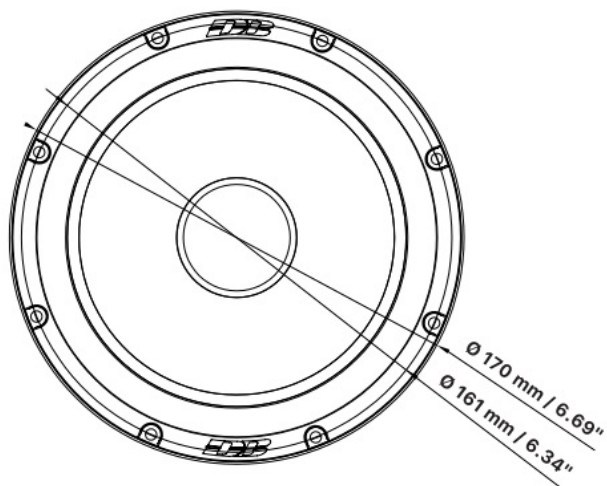


## DIMENSIONS

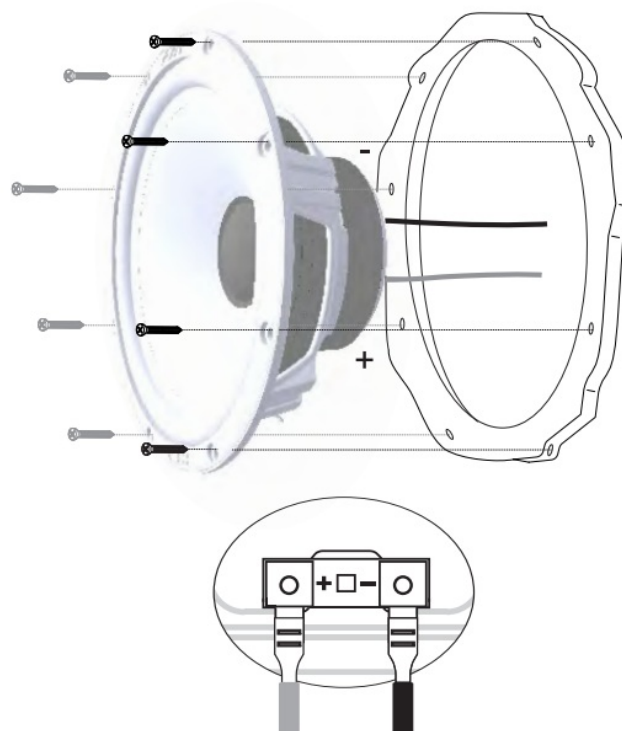
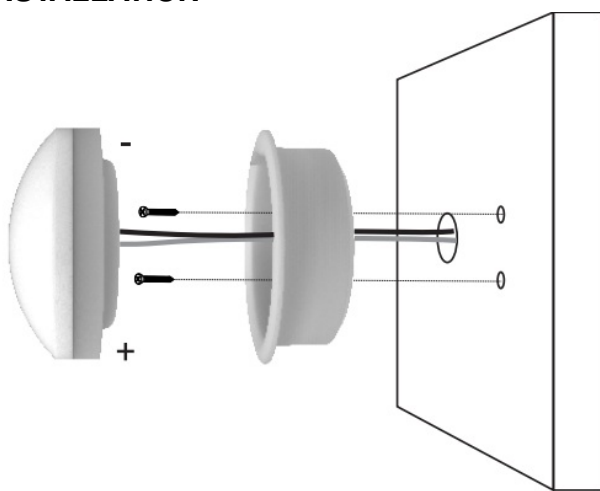
### Tweeter



### Woofer



## INSTALLATION



## SPECIFICATION

<b>Model</b>	<b>MFC-615</b>
<b>Type</b>	<b>2-way component system</b>
<b>Frequency response (Hz)</b>	<b>55 - 10 000</b>
<b>Power RMS (W)</b>	<b>80</b>
<b>Power MAX (W)</b>	<b>160</b>
<b>Impedance (Ohm)</b>	<b>4</b>
<b>SPL (dB)</b>	<b>91.7</b>

## BOX CONTENTS

1. Woofer-2 pcs.
2. Tweeter – 2 pcs.
3. Owner's manual -1 pc.
4. Warranty card-1 pc.
5. Window decal – 1 pc.



## WARRANTY AND MAINTENANCE INFO

Deaf Bonce products are warranted against defects concerning materials and their manufacturing under normal functioning. While the product is under warranty, defective parts will be repaired or replaced at the manufacturer's discretion. The defective product, along with notification about it, must be returned to the dealer from which it was purchased together with the condition warranty certificate duly filled in, complete with the original packaging. If the product is no longer under warranty, it will be repaired at the current costs. Our company does not undertake any liability for damages due to transportation. Our company does not take any responsibility for costs or loss of profit due to the impossibility to use the product, other accidental or consequential costs, expenses or damages suffered by the customer. Warranty according to laws in force. For more information visit our website and carefully read warranty card. The manufacturer reserves the right to change design and specification without prior notice.

## INFORMATION ON DISPOSAL OF THE ELECTRICAL AND ELECTRONIC EQUIPMENT (FOR THE EUROPEAN COUNTRIES WITH SEPARATE WASTE COLLECTION)

Items marked "crisscrossed wheeled bin" are not allowed to be disposed of together with usual household waste. These electrical and electronic products should be disposed of in special reception centers, equipped for recycling such products and components. For information about the location of the nearest disposal / recycling spot and the rules of delivery of waste please contact your local municipal office. Recycling and proper disposal helps to protect the environment and prevent harmful effects on health.

## Documents / Resources

	<p><a href="#">ALPHARD MFC-615 2-Way Component System</a> [pdf] Owner's Manual MFC-615 2-Way Component System, MFC-615, 2-Way Component System</p>
	<p><a href="#">ALPHARD MFC-615 2-Way Component System</a> [pdf] Owner's Manual MFC-615 2-Way Component System, MFC-615, 2-Way Component System</p>

## References

-  [Alphard - Professional Car Audio. Speakers, Subwoofers, Amplifiers](#)