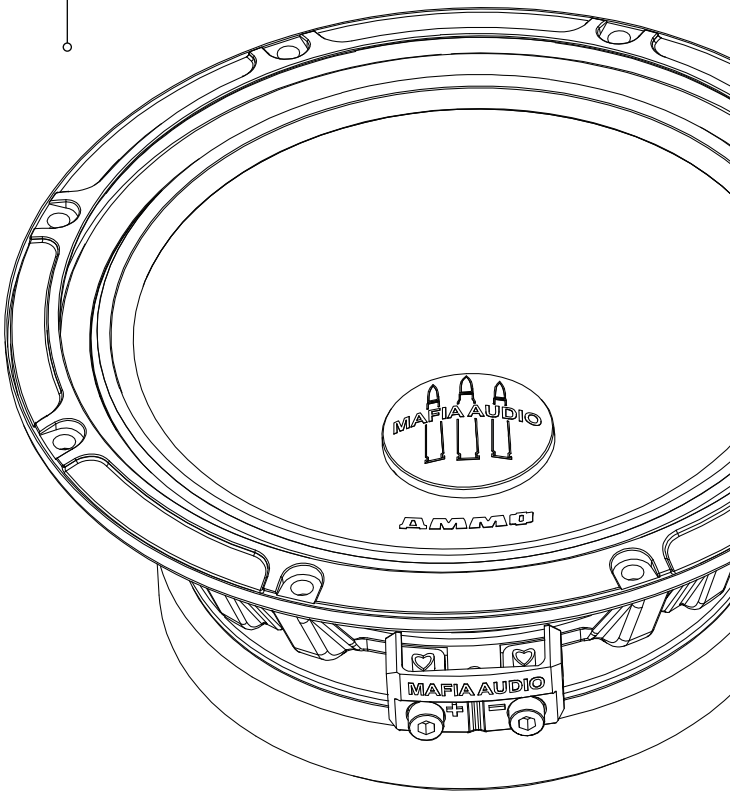
MID RANGE MANUAL

MID RANGE

AMMO



SERIES

AMMO 61

MAFIA AUDIO

ENGINEERED TO HIT HARD.

1. INRTODUCTION

Thank you for purchasing this MAFIA AUDIO 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 caution's in this manual. Please keep the manual in a safe and accessible place for future reference.

2.SAFETY INSTRUCTIONS

1. Fasten the speakers properly wheninstalling 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.
2. Before installing the components, if possible store the product in it's original package to avoid accidental damage to the product.
3. Be careful when installing and dismantling the speaker! Do not let the speaker drop to avoid damage of its moving parts.
4. When working with tools follow safety rules
5. Before the installation switch off the head unit and all other audio devices to avoid their damage.
6. Make sure that the location of the speaker does not hinder the proper operation of mechanical and electrical devices of the vehicle.
7. 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.
8. 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.
9. 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.
10. The diameter of the speaker cables must be selected in accordance with the length and applied power.
11. Never stretch the cables outside of the car and near the moving parts of the car. This can lead to destruction of the insulating layer, short circuit and fire.
12. 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.

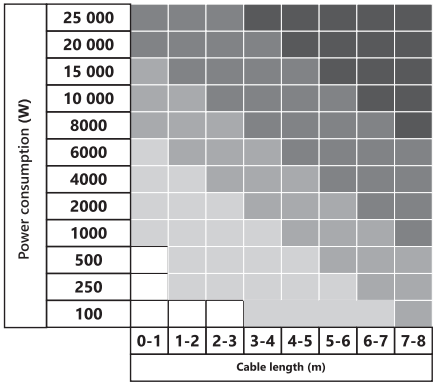
CAUTION!!! HIGH SOUND PRESSURE CAN DAMAGE YOUR HEALTH!
PLEASE USE THE COMMON SENSE WHEN CONTROLLING VOLUME!

3.WIRING DIAGRAMS

Do not expose your amplifier to loads below the value predetermined by the manufacturer.
Various examples of connection types are given at the pages below. Use these examples to determine the required load impedance ofyour connection.

4.SELECTION OF THE DIAMETER OF SPEAKER CABLE

Use the table below to select the desired diameter based on the length and the power consumption.



Size	
A.W.G	mm²
5	16,8
8	8,37
10	5,26
14	2,08

5. HOW TO USE

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 willallow to get clean, undistorted signalapplied to the componentto 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%.

MAFIA AUDIO

AMMO 61

6.SPECIFICATIONS

Model	AMMO 61
Frame	Steel
Type	Midrange
Size	6.5 inch
Magnet	Ferrite / 120*15mm
Voice coil	CCAW / 1.25 inch
Cone material	Pressed paper
Power RMS (Watt)	130
Power MAX (Watt)	260
Mounting depth(mm)	69.5
Cut-out dimension(mm)	152.5
Frequency response(Hz)	100-15 500

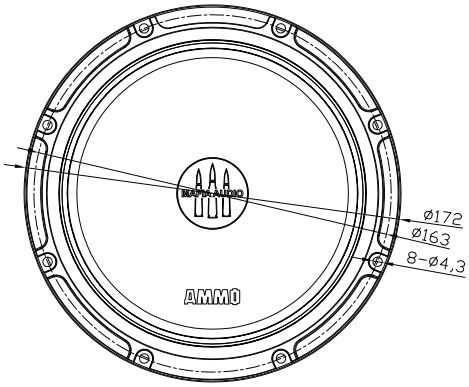
THIELE-SMALL PARAMETERS

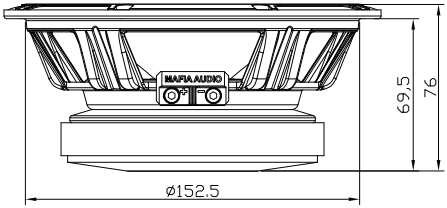
Impedance (Ohm)	4
SPL(dB)	101.5
Fs(Hz)	112
Vas(L)	6.8
Qts	0.51
BL	6.15

This specified sensitivity is not directly connected with the sound pressure in the vehicle, and therefore should not be used as the sole indicator for comparison with other speakers.

7. DIMENSIONS

AMMO 61





8. BOX CONTENTS

1.Mid-range speaker - 2 pcs.
2.Owner's Manual -1 pc.
3.Warranty card -1 pc.

9. WARRANTY AND MAINTENANCE IN

Our company shall not be liable for any damage caused by transportation. Our company shall not be liable for any expenses or lost profits arising out of or in connection with the use or inability to use the product or any other incidental or indirect costs, expenses, or damages incurred by the customer. The warranty is valid in accordance with the laws currently in force. For more information, please visit our company website and refer to the warranty card.

MAFIA AUDIO