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### Aramox Aramoxa3kxn1yh68

# Aramox Car Audio 5-Band Graphic Equalizer User Manual

*Model: Aramoxa3kxn1yh68*

## 1. Introduction

Thank you for choosing the Aramox Car Audio 5-Band Graphic Equalizer. This device is designed to significantly enhance your in-car audio experience by providing precise control over sound frequencies. With its adjustable 5-band tuning and integrated crossover, you can customize your sound to achieve optimal clarity, depth, and balance, delivering a more immersive listening experience.

This manual provides detailed instructions for the installation, operation, and maintenance of your new car equalizer. Please read it thoroughly before use to ensure proper setup and to maximize the performance of your audio system.



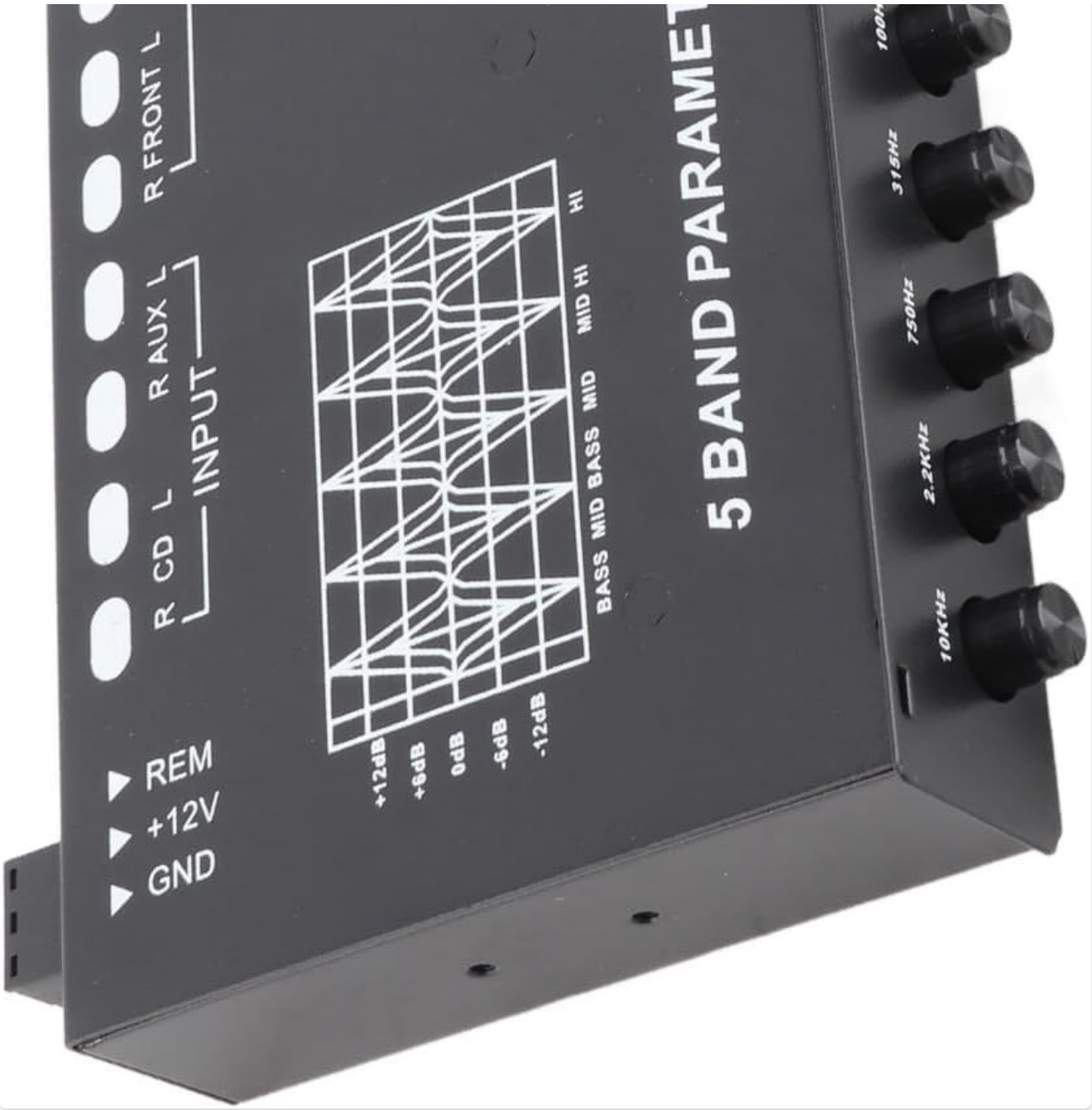



Figure 1.1: Front view of the Aramox Car Equalizer showing the 5-band controls and input/output connections.

## 2. Specifications

The following table outlines the key specifications of the Aramox Car Equalizer:

| Feature | Description |
|---|---|
| Item Type | Car Equalizer |
| Material | Iron |
| Size (Approx.) | 19 x 12 x 3 cm (7.48 x 4.72 x 1.18 inches) |
| Item Weight | 1.17 pounds |
| Model Number | Aramoxa3kxn1yh68 |

| Feature | Description |
| --- | --- |
| Compatibility | Wide range of car amplifiers |
| Bands | 5 adjustable bands |
| Crossover | Adjustable |

## 3. Setup and Installation

The Aramox Car Equalizer is designed for easy installation. Follow these steps to integrate it into your car audio system:

1. **Power Connection:** Connect the equalizer to your car's power supply. The unit requires a +12V (ACC or switched power), GND (ground), and REM (remote turn-on) connection. Ensure all connections are secure and properly insulated to prevent short circuits.
2. **Audio Input:** Connect the audio output from your head unit (car stereo) to the equalizer's input (e.g., "CD L/R" or "AUX L/R") using RCA cables.
3. **Audio Output:** Connect the equalizer's output (e.g., "FRONT L/R", "REAR L/R", "SUB L/R") to the input of your car amplifier(s) using RCA cables.
4. **Mounting:** Choose a suitable location for mounting the equalizer, ensuring it is secure and accessible for adjustments. The compact size allows for flexible placement. Use the included 4 screws to firmly attach the unit.
5. **Initial Setup:** Before powering on, ensure all volume and gain controls on your head unit, equalizer, and amplifier(s) are set to their minimum levels.

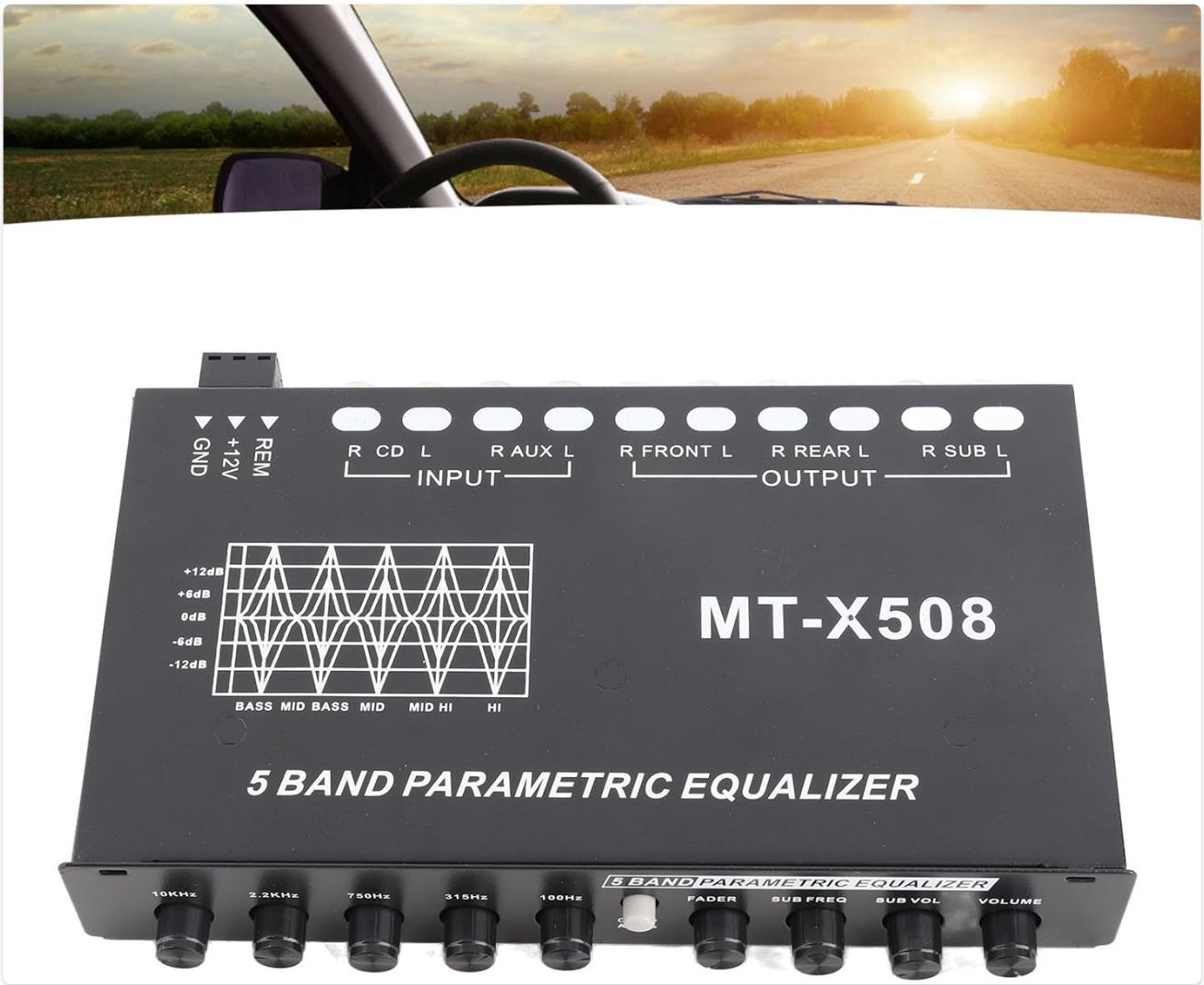



Figure 3.1: Rear view of the equalizer, highlighting the various RCA input and output connections for seamless integration.

## 4. Operating Instructions

Once installed, you can begin fine-tuning your car's audio. The Aramox Car Equalizer features 5 adjustable frequency bands and additional controls for optimal sound customization.

### 4.1. Controls Overview

- **Frequency Bands (100Hz, 315Hz, 750Hz, 2.2KHz, 10KHz):** These five rotary knobs allow you to boost or cut the gain for specific frequency ranges. Adjust them to shape the sound to your preference, emphasizing bass, mid-range, or treble.
- **Fader:** This control balances the sound output between the front and rear speakers.
- **Sub Freq (Subwoofer Frequency):** Adjusts the crossover frequency for the subwoofer output, allowing you to control which low frequencies are sent to your subwoofer.
- **Sub Vol (Subwoofer Volume):** Controls the output level of the subwoofer channel independently.
- **Volume:** Master volume control for the entire system.
- **Input Selector (CD/AUX):** A switch to select between different audio input sources (e.g., CD input or Auxiliary input).

### 4.2. Adjusting Sound

Start with all equalizer bands set to the flat (0dB) position. Play a familiar piece of music and make small adjustments to each band. Listen carefully to the changes and adjust until the sound is balanced and pleasing to

your ears. The adjustable crossover helps eliminate distortion and produce cleaner, more accurate sound by directing appropriate frequencies to your speakers and subwoofer.

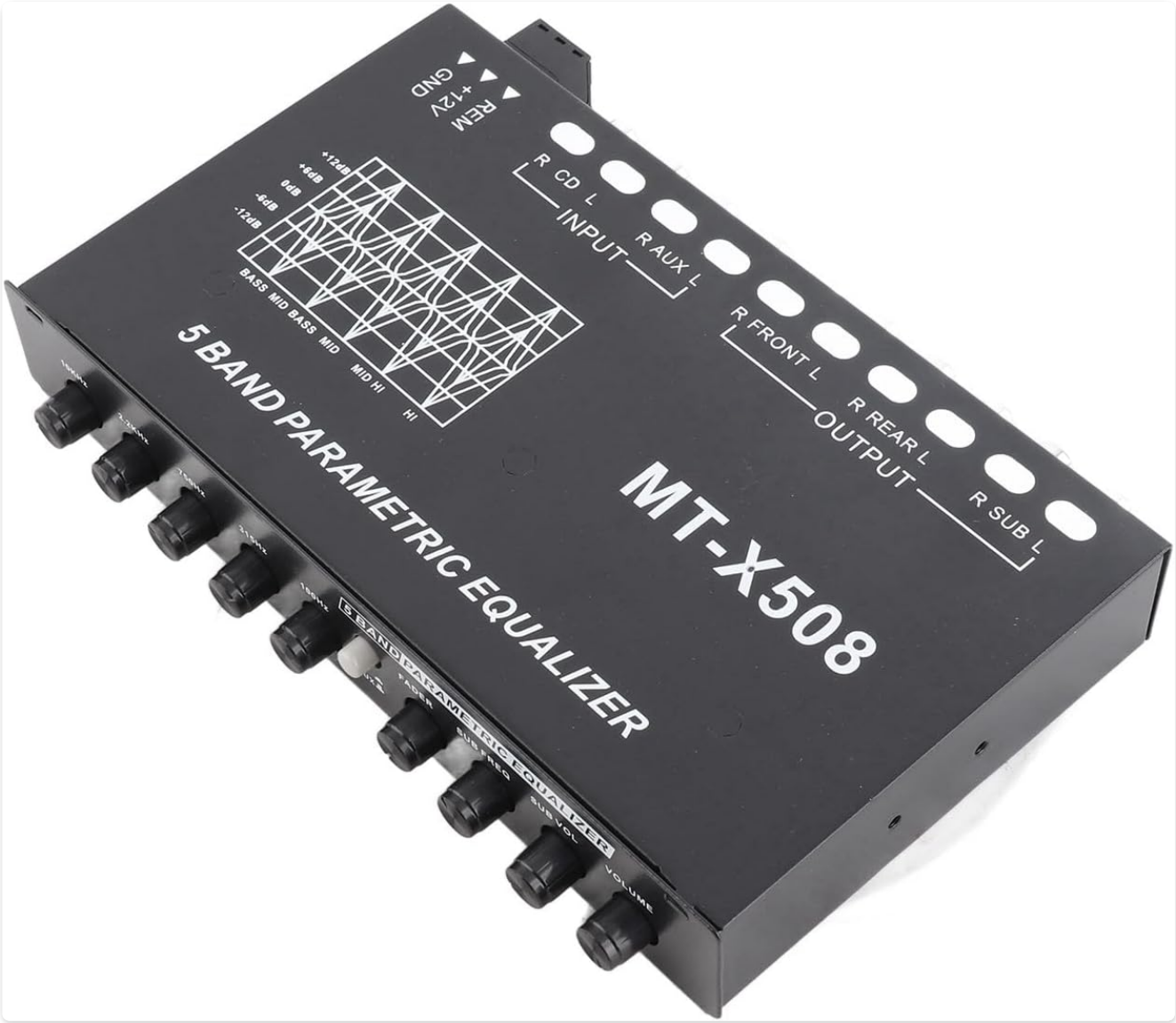



Figure 4.1: The equalizer powered on, with illuminated controls, ready for sound adjustments.

## 5. Maintenance

To ensure the longevity and optimal performance of your Aramox Car Equalizer, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the unit. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Ventilation:** Ensure the equalizer has adequate ventilation. Do not block any vents or place the unit in an enclosed space where heat can build up.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Connections:** Periodically check all power and audio connections to ensure they are secure and free from corrosion.

## 6. Troubleshooting

If you encounter issues with your Aramox Car Equalizer, refer to the following troubleshooting guide:

| Problem | Possible Cause | Solution |
|---|---|---|
| No Power | Loose power connection; Blown fuse; No remote signal. | Check +12V, GND, and REM connections. Inspect the fuse in the power line. Ensure the head unit is sending a remote turn-on signal. |
| No Sound Output | Incorrect input/output connections; Volume too low; Amplifier not powered. | Verify RCA connections from head unit to equalizer and equalizer to amplifier. Increase equalizer and amplifier volume. Check amplifier power. |
| Distorted Sound | Gain levels too high; Improper equalizer settings; Speaker impedance mismatch. | Reduce gain levels on head unit, equalizer, and amplifier. Adjust equalizer bands to flat and re-tune. Ensure speakers are compatible with amplifier. |
| Humming or Noise | Ground loop issue; Poorly shielded RCA cables; Power cable interference. | Ensure proper grounding. Use high-quality, shielded RCA cables. Route power cables away from audio cables. |

## 7. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Aramox customer service directly. Keep your proof of purchase for any warranty claims.
For further assistance or technical inquiries, you may visit the official Aramox store on Amazon:Aramox Store.


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