

Apocalypse AP-M61SE

Apocalypse AP-M61SE 6.5-inch Midrange Car Audio Speakers Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Apocalypse AP-M61SE 6.5-inch Midrange Car Audio Speakers. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your speakers.

SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect the vehicle's battery negative terminal before starting any electrical work to prevent short circuits.
- Ensure all wiring is properly insulated to prevent electrical shorts and damage to your vehicle's electrical system or audio components.
- Use appropriate gauge wiring for power and speaker connections to handle the speaker's power requirements.
- Avoid installing speakers in locations that obstruct vehicle operation or safety features.
- Consult a professional car audio installer if you are unsure about any part of the installation process.
- Do not operate the speakers at excessively high volumes for prolonged periods, as this can cause hearing damage and speaker damage.

PACKAGE CONTENTS

Verify that all items are present in the package:

- (2) Apocalypse AP-M61SE 6.5-inch Midrange Speakers

SETUP AND INSTALLATION

Proper installation is crucial for optimal sound quality and speaker longevity. Follow these guidelines:

1. Mounting Location

Select a suitable mounting location in your vehicle that provides adequate space and structural integrity. The speakers are designed for flush mounting.

Note: Ensure the mounting surface is flat and free from obstructions. Consider the speaker's mounting depth and overall diameter.

2. Preparing the Mounting Hole

Carefully measure and mark the cutout area. The front mount baffle cutout diameter is **5.86 inches (149.5mm)**. The mounting depth is **2.83 inches (72.5mm)**. Use appropriate tools to create a clean and precise opening.



Image: Side view of the Apocalypse AP-M61SE speaker, illustrating its mounting depth and overall dimensions. This helps in planning the installation space.

3. Wiring Connections

Connect the speaker terminals to your amplifier or head unit. Pay close attention to polarity (positive to positive, negative to negative) to ensure correct phase and optimal sound reproduction. The nominal impedance of these speakers is **4 Ohm**.

- **Positive (+) Terminal:** Connect to the amplifier's positive output.
- **Negative (-) Terminal:** Connect to the amplifier's negative output.

Important: These speakers have a MAX Power Handling of 260 Watts and an RMS Power Handling of 130 Watts. Ensure your amplifier's output matches these specifications to prevent damage.



Image: Front view of the Apocalypse AP-M61SE speaker, showing the cone and surround. This view helps identify the speaker's orientation during installation.

4. Securing the Speakers

Once wired, carefully place the speakers into the prepared openings and secure them using appropriate screws. Do not overtighten, as this can damage the speaker frame.

OPERATING INSTRUCTIONS

After installation, follow these steps for initial operation:

1. **Initial Power-Up:** Reconnect the vehicle's battery. Turn on your car audio system.
2. **Volume Adjustment:** Start with the volume at its lowest setting and gradually increase it to a comfortable listening level.
3. **Audio Settings:** Adjust your head unit's or amplifier's equalizer and crossover settings. For midrange speakers, a recommended frequency response is **100Hz ~ 15.5KHz**. It is advisable to use a high-pass filter to prevent low frequencies from reaching the midrange speakers, which can cause distortion and damage.
4. **Break-in Period:** Allow a break-in period of several hours of normal listening to allow the speaker components to loosen and achieve optimal performance.

MAINTENANCE

To ensure the longevity and performance of your speakers, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker cones and surrounds. Avoid using harsh chemicals or excessive moisture.

- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.
- **Environmental Factors:** Protect speakers from extreme temperatures, direct sunlight, and excessive moisture.

TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Loose wiring connection, incorrect polarity, amplifier off/faulty, head unit issue.	Check all wiring connections for tightness and correct polarity. Verify amplifier and head unit are powered on and functioning correctly.
Distorted Sound	Volume too high, incorrect amplifier gain settings, improper crossover settings, damaged speaker.	Reduce volume. Adjust amplifier gain to prevent clipping. Ensure proper high-pass filter is applied. Inspect speaker for visible damage.
Weak or Muffled Sound	Incorrect polarity, phase issues, inadequate power.	Double-check wiring polarity. Ensure speakers are receiving sufficient power from the amplifier.

If the problem persists after attempting these solutions, consult a qualified car audio technician.

SPECIFICATIONS

Detailed technical specifications for the Apocalypse AP-M61SE speakers:

Feature	Specification
Nominal Diameter	6.5 inches
Nominal Impedance	4 Ohm
MAX Power Handling	260 Watts
RMS Power Handling	130 Watts
Sensitivity (1w/1m)	101.5dB
Frequency Response	100Hz ~ 15.5KHz
Voice Coil Diameter	1.25 inches
Winding Material	CCAW
Cone Material	Pressed Paper
Surround Material	Cloth
Basket Material	Stamped Steel
Magnet Material	Ferrite

Feature	Specification
Equivalent Volume (Vas)	6.8L
Free Air Resonance (Fs)	112Hz
Total Factor (Qts)	0.51
Force Factor (BL)	6.15
Overall Diameter	6.69 inches (170mm)
Front Mount Baffle Cutout	5.86 inches (149.5mm)
Mounting Depth	2.83 inches (72.5mm)
Overall Depth	3.07 inches (78.5mm)
Item Weight	8.77 Pounds
Manufacturer	Apocalypse
Model Name	AP-M61SE



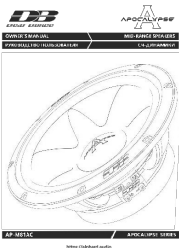
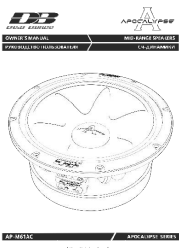




Image: A pair of Apocalypse AP-M61SE speakers, showcasing their design and size relative to each other. This provides a visual reference for the product.

WARRANTY AND SUPPORT

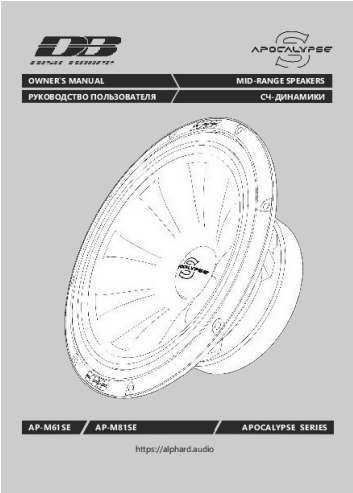
Apocalypse AP-M61SE speakers come with a limited warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Apocalypse customer support. For technical assistance or support, please visit the official Apocalypse website or contact their customer service department. When contacting support, please have your product model number (AP-M61SE) and purchase information readily available.

Related Documents - AP-M61SE

 <p>The image shows the cover of the 'Deaf Bonce Apocalypse Series Mid-Range Speakers Owner's Manual'. It features the DB logo and the text 'OWNER'S MANUAL', 'PROVIDES THE INFORMATION', 'MID-RANGE SPEAKERS', and 'DEAF BONCE'. A technical drawing of a speaker is also visible.</p>	<p>Deaf Bonce Apocalypse Series Mid-Range Speakers Owner's Manual</p> <p>Owner's manual for Deaf Bonce Apocalypse Series M61SE PRO, M61SE NEO, and M60SE PRO mid-range speakers. Includes safety instructions, wiring diagrams, specifications, dimensions, and warranty information.</p>
 <p>The image shows the cover of the 'Deaf Bonce M61SE NEO & M61SE PRO Mid-Range Speaker Manual'. It features the DB logo and the text 'OWNER'S MANUAL', 'PROVIDES THE INFORMATION', 'MID-RANGE SPEAKERS', and 'DEAF BONCE'. A technical drawing of a speaker is also visible.</p>	<p>Deaf Bonce M61SE NEO & M61SE PRO Mid-Range Speaker Manual</p> <p>This manual provides comprehensive information for Deaf Bonce M61SE NEO and M61SE PRO mid-range car audio speakers. It covers essential safety instructions, recommended amplifier and filter settings, detailed technical specifications, physical dimensions, box contents, warranty details, and disposal guidelines. Learn how to optimize your car audio system with these high-performance drivers.</p>
 <p>The image shows the cover of the 'Deaf Bonce Apocalypse AP-M81AC Mid-Range Speakers Owner's Manual'. It features the DB logo and the text 'OWNER'S MANUAL', 'PROVIDES THE INFORMATION', 'MID-RANGE SPEAKERS', and 'DEAF BONCE'. A technical drawing of a speaker is also visible.</p>	<p>Deaf Bonce Apocalypse AP-M81AC Mid-Range Speakers Owner's Manual</p> <p>This manual provides instructions for the Deaf Bonce Apocalypse AP-M81AC mid-range speakers, covering installation, wiring, specifications, and maintenance.</p>
 <p>The image shows the cover of the 'Deaf Bonce AP-M61AC: Owner's Manual for High-Performance Mid-Range Speakers'. It features the DB logo and the text 'OWNER'S MANUAL', 'PROVIDES THE INFORMATION', 'MID-RANGE SPEAKERS', and 'DEAF BONCE'. A technical drawing of a speaker is also visible.</p>	<p>Deaf Bonce AP-M61AC: Owner's Manual for High-Performance Mid-Range Speakers</p> <p>This owner's manual provides detailed instructions, specifications, and safety guidelines for the Deaf Bonce Apocalypse AP-M61AC mid-range speakers, designed for high-quality, loud car audio systems.</p>

	<p>Audison Prima COMP - COAX - SYSTEM Owner's Manual</p> <p>Comprehensive owner's manual for Audison Prima COMP - COAX - SYSTEM car audio components, detailing installation, safety guidelines, warranty information, product specifications, and wiring diagrams.</p>
	<p>Deaf Bonce M67AC NEO SPORT Mid-Range Speaker Owner's Manual</p> <p>Comprehensive owner's manual for the Deaf Bonce M67AC NEO SPORT mid-range car speakers, covering installation, wiring, specifications, safety, and warranty information.</p>

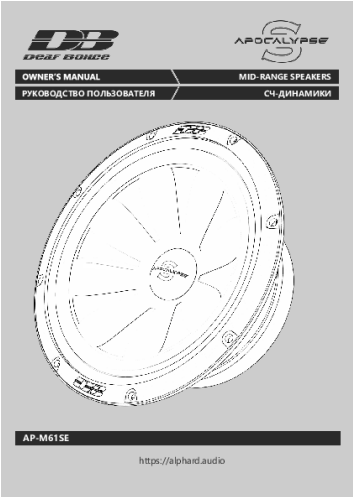
Documents - Apocalypse – AP-M61SE



[\[pdf\]](#) User Manual Owner's Manual Instructions Specifications Dimension Guide Warranty Diagram

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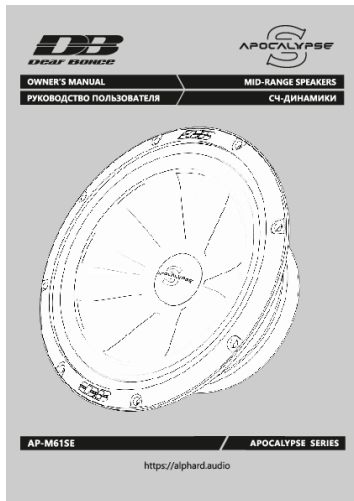
OWNER S MANUAL MID-RANGE SPEAKERS - **AP-M61SE** AP-M81SE
<https://alphard.audio> APOCALYPSE SERIES CONTENTS EN 1. Introduction 2. Safety instructions 3. Wiring diagrams 4. Filtering, recommended amplifier settings 5. Specifications 6. Dimensions 7. Box contents 8. Warranty and maintenance info ...
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Thank you for purchasing of this Deaf 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 cau...

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