

Alpine DM-65C-G

Alpine DM-65C-G 6.5" Component 2-Way Speaker Set User Manual

Model: DM-65C-G

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Alpine DM-65C-G 6.5" Component 2-Way Speaker Set. Please read this manual thoroughly before installation and retain it for future reference.

The Alpine DM-65C-G speakers are designed to deliver reliable sound performance with a peak power of 200W and a sensitivity of 92dB. They feature a Tedoron tweeter diaphragm, Neodymium magnets for clear highs, and an injection-molded bass diaphragm with a rubber surround for robust low-frequency response.

2. KEY FEATURES

- **High Power Handling:** Peak power of 200W ensures robust audio output.
- **Efficient Sound:** 92dB sensitivity for clear and dynamic sound reproduction.
- **Advanced Tweeter Design:** Tedoron tweeter diaphragm and Neodymium magnets provide smooth highs and articulate vocals.
- **Simplified Installation:** Tweeters include in-line filters for straightforward setup.
- **Durable Woofer Construction:** Features a rubber surround and injection-molded bass diaphragm for enhanced durability and performance.

3. WHAT'S IN THE BOX

Your Alpine DM-65C-G package includes the following components:

- Two 6.5-inch woofers
- Two tweeters with in-line filters
- Mounting hardware (screws, clips, etc.)
- Speaker grilles (if applicable)



Image 1: Overview of the Alpine DM-65C-G 6.5" Component 2-Way Speaker Set, showing woofers and tweeters.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your speakers. It is recommended that installation be performed by a qualified professional.

4.1. Pre-Installation Checklist

- Ensure all components are present and undamaged.
- Verify compatibility with your car audio system.
- Gather necessary tools (screwdrivers, wire strippers, drill, etc.).
- Disconnect the vehicle's battery to prevent electrical shorts.

4.2. Mounting Considerations

The DM-65C-G speakers are designed for flush mount installation. Select appropriate locations in your vehicle that allow for proper speaker depth and clearance. Ensure the mounting surface is stable and free from obstructions.



Image 2: Front view of a single Alpine DM-65C-G 6.5" woofer, highlighting its design.

4.3. Wiring the Speakers

1. Identify the positive (+) and negative (-) terminals on both the speakers and your car audio system's wiring.
2. Connect the speaker wires, ensuring correct polarity. Incorrect polarity can lead to poor sound quality.
3. For the tweeters, utilize the included in-line filters. These filters are essential for proper frequency distribution and protection of the tweeter.
4. Secure all connections to prevent accidental disconnections or shorts.



Image 3: Close-up view of the Alpine DM-65C-G tweeters, showing their compact design.

4.4. Post-Installation Check

- Reconnect the vehicle's battery.
- Test the speakers with various audio sources and volume levels to ensure proper functionality and sound quality.
- Adjust audio settings on your head unit for optimal sound balance.

5. OPERATION

Once installed, your Alpine DM-65C-G speakers will operate as part of your car audio system. The sound output is controlled by your head unit or amplifier.

- **Volume Control:** Adjust the volume through your car's head unit. Avoid excessively high volumes for prolonged periods to prevent speaker damage.
- **Audio Settings:** Utilize your head unit's equalizer, balance, and fader controls to fine-tune the sound to your preference.

- **Source Selection:** Play audio from various sources (radio, Bluetooth, USB) to experience the full range of your speakers' capabilities.

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Video 1: An official product showcase of the Alpine DM Series 6.5" Speakers, demonstrating their design and features. This video is provided by Creative Audio.

6. MAINTENANCE

Your Alpine DM-65C-G speakers require minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **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.

7. TROUBLESHOOTING

If you encounter issues with your Alpine DM-65C-G speakers, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from speakers	Loose wiring, incorrect polarity, head unit issue, amplifier issue	Check all wiring connections. Verify correct positive/negative polarity. Test head unit and amplifier functionality.
Distorted sound	Volume too high, incorrect audio settings, damaged speaker, insufficient power	Reduce volume. Adjust equalizer settings. Inspect speakers for physical damage. Ensure adequate power supply.
One speaker not working	Loose connection, damaged speaker wire, faulty speaker	Check wiring for the specific speaker. Test the speaker with a known good audio source.

If the problem persists after attempting these solutions, contact Alpine customer support or a qualified car audio technician.

8. SPECIFICATIONS

Detailed technical specifications for the Alpine DM-65C-G 6.5" Component 2-Way Speaker Set:

Feature	Specification
Model Name	DM-65C-G
Speaker Type	Component
Speaker Size	6.5 Inches
Woofer Diameter	6.5 Inches
Speaker Maximum Output Power	200 Watts
Sensitivity	92dB (as per feature bullets)
Frequency Response	18 KHz (upper limit)
Mounting Type	Flush Mount
Material	Rubber (surround)
Audio Driver Type	Dynamic Driver
Surround Sound Channel Configuration	2.0
Compatible Devices	Car Audio System
Product Dimensions	8.27"D x 4.57"W x 15.75"H
Item Weight	5.92 pounds
UPC	793276001832

9. WARRANTY AND SUPPORT

9.1. Warranty Information


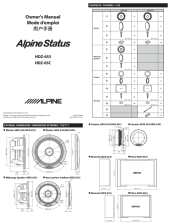



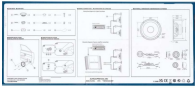
The Alpine DM-65C-G speaker set comes with a **Limited Warranty**. Please refer to the warranty card included with your product or visit the official Alpine website for detailed terms and conditions regarding coverage, duration, and claims procedures.

9.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Alpine customer support. You can typically find contact information on the official Alpine website or through your authorized dealer.

Online Resources: Visit the [Alpine Store on Amazon](#) or the official Alpine website for additional product information, FAQs, and support.

Related Documents - DM-65C-G

	<p>Alpine DM-65C Component Speaker System Installation and Specifications</p> <p>Installation guide and technical specifications for the Alpine DM-65C 2-way component speaker system, including wiring diagrams, mounting instructions, and product features.</p>
	<p>Alpine Status HDZ-653 & HDZ-65C Component Speaker System Owner's Manual</p> <p>Official owner's manual for the Alpine Status HDZ-653 (3-way) and HDZ-65C (2-way) Hi-Res component speaker systems, covering package contents, external dimensions, wiring connections, installation procedures, and technical specifications.</p>
	<p>Alpine S2-S40C 4" Component 2-Way Speaker System - Specifications & Installation Guide</p> <p>Comprehensive guide for the Alpine S2-S40C 4-inch component 2-way speaker system. Includes installation instructions, detailed specifications, power ratings, wiring diagrams, external dimensions, warranty information, and product registration details. Learn how to properly install and use your Alpine speakers for optimal performance.</p>
	<p>Alpine S2-S10TW Component Tweeter: Specifications, Installation, and Warranty Information</p> <p>Comprehensive guide to the Alpine S2-S10TW component tweeter, detailing technical specifications, installation instructions, important usage notices, warranty terms, and product registration methods.</p>
	<p>Alpine HDZ-653 & HDZ-65C Owner's Manual</p> <p>Comprehensive owner's manual for the Alpine HDZ-653 and HDZ-65C speaker systems, detailing specifications, installation, and wiring connections.</p>
	<p>Alpine EL-E65C Component 2-Way Speaker System Specifications and Installation Guide</p> <p>Detailed specifications, installation diagrams, wiring instructions, and external dimensions for the Alpine EL-E65C component 2-way speaker system. Includes power handling, impedance, sensitivity, frequency response, and mounting information.</p>