

BLAUPUNKT BPP-MR65B

BLAUPUNKT BPP-MR65B 6.5-inch Midrange Component Speaker Instruction Manual

Model: BPP-MR65B

1. INTRODUCTION

Thank you for choosing the BLAUPUNKT BPP-MR65B 6.5-inch Midrange Component Speaker. This speaker is engineered to deliver clear and powerful midrange frequencies, enhancing vocal clarity and instrument separation in your car audio system. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speaker.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these guidelines may result in injury or damage to the product or vehicle.

- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and electrical shock.
- **Professional Installation:** If you are unsure about the installation process, it is recommended to seek assistance from a qualified professional car audio installer.
- **Proper Wiring:** Ensure all wiring connections are secure and correctly polarized. Incorrect wiring can damage the speaker or amplifier.
- **Avoid Moisture:** Do not expose the speaker to water or excessive moisture.
- **Secure Mounting:** Mount the speaker securely to prevent it from becoming a projectile in case of sudden stops or accidents.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage. Adjust volume to a safe and comfortable level.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BLAUPUNKT BPP-MR65B 6.5-inch Midrange Component Speaker (1 unit)

4. PRODUCT FEATURES

The BLAUPUNKT BPP-MR65B speaker offers the following key features:

- **Speaker Size:** 6.5 inches
- **Power Handling:** 200 Watts Peak
- **Impedance:** 4 Ohms
- **Frequency Response:** 111 Hz – 10,000 Hz
- **High Sensitivity:** Designed for efficient output.
- **Durable Construction:** Built with quality materials for extended product life.
- **Versatile Installation:** Suitable for integration into various vehicle audio setups.

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal sound performance. Follow these general steps for installing your BPP-MR65B speaker.

5.1 Pre-Installation

- **Compatibility Check:** Ensure the speaker size (6.5 inches) and mounting depth are compatible with your vehicle's speaker locations.
- **Tools Required:** Gather necessary tools such as screwdrivers, wire strippers, crimping tools, drill, and safety glasses.
- **Disconnect Power:** Always disconnect the vehicle's negative battery terminal before starting.

5.2 Mounting the Speaker

1. Remove the existing speaker (if any) from the desired mounting location.
2. Carefully place the BPP-MR65B speaker into the opening. Ensure a snug fit without forcing.
3. Align the mounting holes of the speaker with the vehicle's mounting points. If new holes are required, mark and drill pilot holes carefully, avoiding any vehicle wiring or components.
4. Secure the speaker using appropriate screws. Do not overtighten.



Image: Front view of the BLAUPUNKT BPP-MR65B 6.5-inch midrange speaker, showing the cone and surround.



Image: Angled view of the BLAUPUNKT BPP-MR65B 6.5-inch midrange speaker, highlighting the central phase plug and terminal connections.

5.3 Wiring Connections

1. Identify the positive (+) and negative (-) terminals on the speaker. The positive terminal is typically marked with a '+' or a larger tab, and the negative terminal with a '-' or a smaller tab.
2. Connect the positive speaker wire from your amplifier or head unit to the speaker's positive terminal.
3. Connect the negative speaker wire from your amplifier or head unit to the speaker's negative terminal.
4. Ensure all connections are tight and insulated to prevent short circuits.
5. Verify the impedance of your amplifier matches the 4-ohm impedance of the speaker.



Image: Rear view of the BLAUPUNKT BPP-MR65B 6.5-inch midrange speaker, showing the magnet structure and wiring terminals.



Image: Side view of the BLAUPUNKT BPP-MR65B 6.5-inch midrange speaker, illustrating its depth and construction.

5.4 Post-Installation

- Once all connections are made and secured, reconnect the vehicle's negative battery terminal.
- Turn on your car audio system and test the speakers at a low volume.
- Gradually increase the volume and check for clear sound reproduction.

6. OPERATING THE SPEAKER

Once installed, the BPP-MR65B speaker operates as part of your car audio system. Optimal performance depends on proper system configuration.

- **Audio Settings:** Adjust your head unit or amplifier's equalizer and crossover settings to complement the midrange frequency response of these speakers (111 Hz – 10,000 Hz).
- **Crossover Points:** If using an external crossover, set the high-pass filter above 111 Hz to protect the speaker from low-frequency distortion and the low-pass filter below 10,000 Hz if integrating with tweeters.
- **Volume Control:** Avoid operating the speakers at excessively high volumes for extended periods, as this can lead to distortion and potential damage.

7. MAINTENANCE

The BPP-MR65B speaker requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the speaker cone and surround with a soft, dry cloth to remove dust. Do not use harsh chemicals or excessive moisture.
- **Inspection:** Periodically check the speaker for any signs of damage, such as tears in the cone or surround, or loose connections.
- **Environmental Protection:** While designed for car environments, avoid direct exposure to extreme temperatures or prolonged direct sunlight if possible.

8. TROUBLESHOOTING

If you encounter issues with your BPP-MR65B speaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect wiring; Amplifier off or in protect mode; Head unit issue	Check all wiring connections for tightness and correct polarity. Verify amplifier is powered on and not in protect mode. Test with another audio source or speaker if possible.
Distorted sound	Volume too high; Incorrect amplifier gain settings; Damaged speaker; Improper crossover settings	Reduce volume. Adjust amplifier gain to match head unit output. Inspect speaker for physical damage. Review crossover settings to ensure proper frequency range.
Weak or muffled midrange	Incorrect equalizer settings; Phase issue; Speaker not properly sealed	Adjust equalizer settings on your head unit or amplifier to boost midrange frequencies. Check speaker wiring for correct polarity (phase). Ensure speaker is securely mounted and sealed in its enclosure.

If these steps do not resolve the issue, contact BLAUPUNKT customer support or a qualified car audio technician.

9. SPECIFICATIONS

Detailed technical specifications for the BLAUPUNKT BPP-MR65B speaker:

- **Speaker Type:** Midrange Component Speaker
- **Speaker Size:** 6.5 inches
- **Peak Power Handling:** 200 Watts
- **Nominal Impedance:** 4 Ohms
- **Frequency Response:** 111 Hz – 10,000 Hz
- **Unit Count:** 1
- **Color:** Black
- **Product Dimensions:** 6.5"D x 6.5"W x 6.5"H
- **Item Weight:** 5 Pounds

- **Model Number:** BPP-MR65B
- **UPC:** 850053034909
- **Manufacturer:** BLAUPUNKT

10. WARRANTY INFORMATION

BLAUPUNKT products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty. Please refer to the warranty card included with your purchase or visit the official BLAUPUNKT website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, troubleshooting, or general inquiries regarding your BLAUPUNKT BPP-MR65B speaker, please visit the official BLAUPUNKT website or contact their customer support directly. Contact information can typically be found on the brand's website or product packaging.

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