

McGrey DJ-1222

McGrey DJ-1222 DJ PA Speaker Instruction Manual

Model: DJ-1222 | Brand: McGrey

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1. INTRODUCTION

Thank you for choosing the McGrey DJ-1222 DJ PA Speaker. This passive 2-way speaker system features a 30 cm (12 inch) subwoofer and two piezo tweeters, delivering a maximum output of 600 W. Designed for various audio applications, including parties, festivals, and music concerts, this speaker is built with a robust wooden housing, protective corners, and a durable felt surface. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your speaker.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before operating the speaker.
- Keep this manual for future reference.
- Do not expose the speaker to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation. Do not block any ventilation openings.
- Place the speaker on a stable, level surface.
- Avoid placing the speaker near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- Only use attachments/accessories specified by the manufacturer.
- Disconnect the speaker from the power source during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This is a passive speaker and requires an external amplifier. Ensure the amplifier's power output and

impedance match the speaker's specifications to prevent damage.

3. PACKAGE CONTENTS

The McGrey DJ-1222 DJ PA Speaker package includes:

- 1 x McGrey DJ-1222 DJ PA Speaker
- Integrated practical carrying handles
- User Manual (this document)



Image: Front and back view of the McGrey DJ-1222 PA speaker, showcasing its robust design and connection panel.

4. SETUP

4.1 Placement

The McGrey DJ-1222 speaker features a robust wooden housing with protective corners and a durable felt surface, making it suitable for various environments. For optimal sound dispersion, place the speaker on a stable surface or utilize its integrated 35 mm pole mount for stand placement.



Image: Bottom view of the speaker, highlighting the 35 mm pole mount for stand installation.

4.2 Connections

This passive speaker requires an external amplifier. Connect the speaker to your amplifier using appropriate cables. The speaker offers multiple connection options:

- **Speakon-compatible inputs/outputs:** Use Speakon cables for secure and reliable connections to compatible amplifiers. There is one input and one output.
- **6.3 mm Jack inputs:** Two 6.3 mm jack inputs are available for standard audio connections.
- **Gold-plated stereo screw terminal input:** For traditional wire connections, use the gold-plated screw terminals.

Ensure all connections are secure and correctly polarized (positive to positive, negative to negative) to prevent damage and ensure proper sound reproduction. Always turn off your amplifier before making or changing connections.



Image: Detailed view of the speaker's connection panel, showing Speakon, 6.3 mm jack, and screw terminal inputs.

5. OPERATING INSTRUCTIONS

Once the speaker is correctly connected to a suitable amplifier, you can begin operation. This speaker is a passive unit, meaning all volume and tone adjustments are controlled via your external amplifier or mixer.

- **Power On:** Turn on your amplifier first, then your audio source.
- **Volume Control:** Adjust the volume using the controls on your amplifier or mixer. Start with a low volume and gradually increase it to a comfortable listening level.
- **Sound Reproduction:** The 2-way system with a 30 cm (12 inch) subwoofer and two piezo tweeters is designed to provide a balanced sound profile.
- **Power Off:** When finished, turn off your audio source first, then your amplifier.



Image: Front view of the McGrey DJ-1222 PA speaker, showing the 12-inch subwoofer and three piezo tweeters.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your McGrey DJ-1222 speaker.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use liquid cleaners or aerosols, as they may damage the finish or internal components.
- **Storage:** When not in use, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Always use the integrated carrying handles when moving the speaker to prevent damage. Avoid dropping or subjecting the speaker to strong impacts.
- **Inspection:** Periodically check all cables and connections for wear or damage. Replace any damaged cables immediately.



Image: Close-up of the robust integrated carrying handle, designed for easy transport.

7. TROUBLESHOOTING

If you experience issues with your McGrey DJ-1222 speaker, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound	<p>Speaker not connected to amplifier.</p> <p>Amplifier not powered on or volume too low.</p> <p>Audio source not playing or connected incorrectly.</p> <p>Damaged cables.</p>	<p>Check all speaker cable connections to the amplifier.</p> <p>Ensure amplifier is on and volume is at an audible level.</p> <p>Verify audio source is active and connected correctly to the amplifier.</p> <p>Inspect cables for damage and replace if necessary.</p>
Distorted sound	<p>Amplifier volume too high.</p> <p>Incorrect impedance matching between speaker and amplifier.</p> <p>Damaged speaker components.</p>	<p>Reduce the volume on your amplifier.</p> <p>Ensure your amplifier's output impedance matches the speaker's 8 Ohm impedance.</p> <p>If distortion persists, contact qualified service personnel.</p>
Weak or inconsistent sound	<p>Loose cable connections.</p> <p>Faulty audio source or amplifier.</p>	<p>Check and secure all cable connections.</p> <p>Test with a different audio source or amplifier if possible.</p>

8. SPECIFICATIONS

Feature	Detail
Brand	McGrey
Model Name	DJ-1222 (Internal Model: 00032795)
Speaker Type	PA Speaker, Woofer
Maximum Output Power	600 Watts
RMS Power	300 Watts
Frequency Response	50 Hz to 18 kHz
Impedance	8 Ohm
Sensitivity	92 dB (+/-2 dB)
Subwoofer Diameter	30 cm (12 inch)
Tweeter Type	Piezoelectric driven tweeters (2x)
Connectivity Technology	Wired (Speakon, 6.3 mm Jack, Screw Terminal)
Material	Wood, Metal
Dimensions (H x W x D)	53.49 cm x 35.99 cm x 27.99 cm (approx. 21.06 x 14.17 x 11.02 inches)
Item Weight	8.9 kg (19.6 lbs)
Mounting Type	35 mm Pole Mount
Included Components	Practical carrying handles



Image: Diagram showing the approximate dimensions of the McGrey DJ-1222 PA speaker.

9. WARRANTY & SUPPORT

9.1 Warranty Information

The McGrey DJ-1222 DJ PA Speaker comes with a limited warranty. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions. Keep your proof of purchase for any warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact McGrey customer

support or your authorized dealer. Contact information can typically be found on the manufacturer's website or your purchase receipt.