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McGrey DJ-1022

McGrey DJ-1022 Passive PA DJ Speakers User Manual

Model: DJ-1022 | Brand: McGrey

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your McGrey DJ-1022 Passive PA DJ Speakers. Please read it thoroughly before use and retain it for future reference. These speakers are designed for sound reinforcement applications, offering a robust and clear audio experience.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before operating the speakers.
- Keep this manual in a safe place for future reference.
- Do not expose the speakers to rain, moisture, or extreme temperatures.
- Ensure adequate ventilation around the speakers to prevent overheating.
- Connect the speakers only to compatible amplifiers with appropriate power ratings and impedance.
- Avoid operating the speakers at excessive volume levels for prolonged periods to prevent hearing damage and speaker damage.
- Do not attempt to service the speakers yourself. Refer all servicing to qualified personnel.
- Position speakers securely to prevent them from falling, especially when using pole mounts.

3. PACKAGE CONTENTS

The package should contain the following items:

- 2 x McGrey DJ-1022 Passive PA DJ Speakers
- User Manual (this document)

Inspect the package upon receipt to ensure all components are present and undamaged. Contact your retailer immediately if any items are missing or damaged.

4. SETUP

4.1 Speaker Placement

Place the speakers on a stable, level surface or mount them on suitable speaker stands using the integrated pole mount. Ensure the speakers are positioned to provide optimal sound coverage for your intended audience.

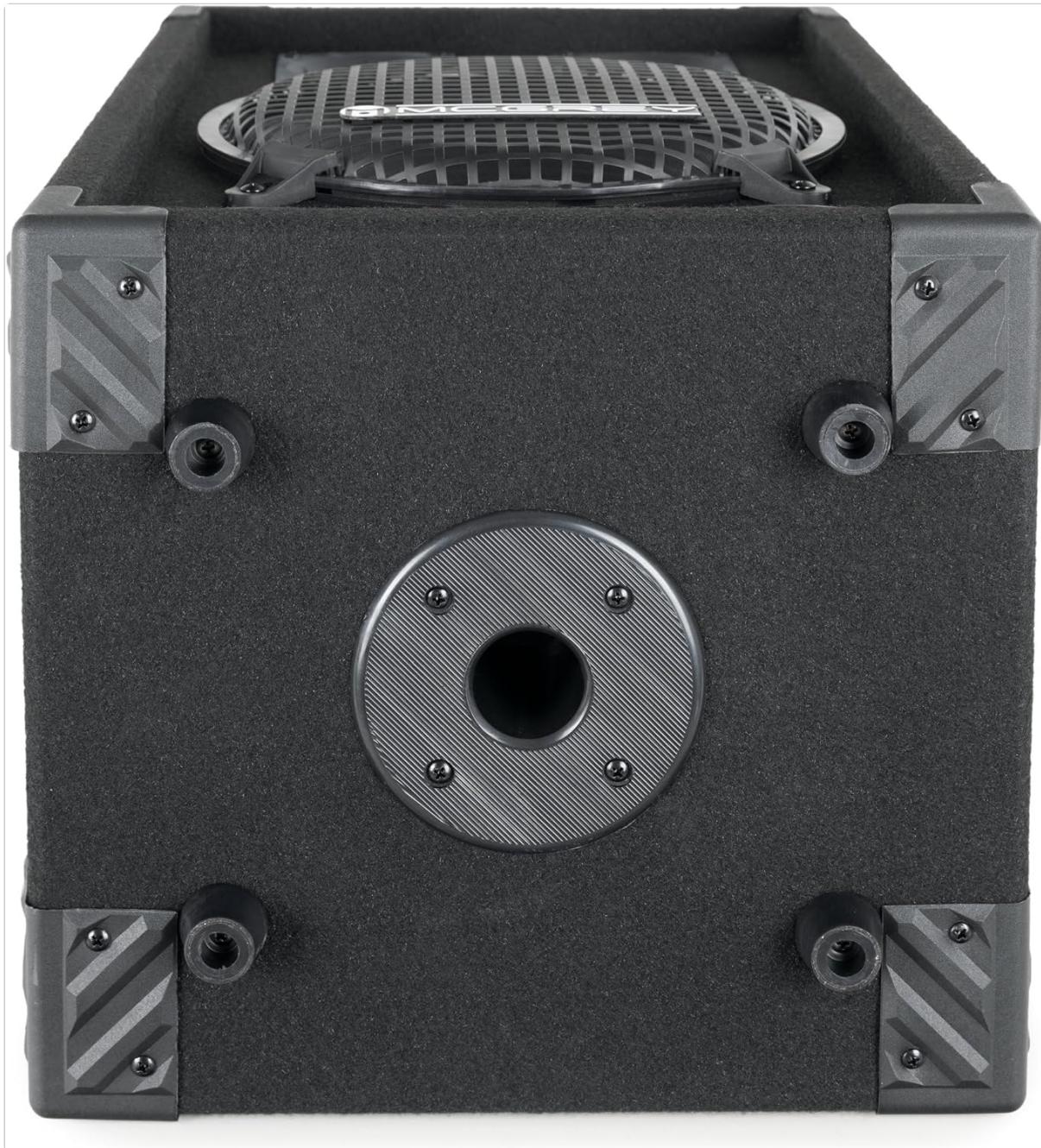


Image: Bottom view of the speaker, highlighting the integrated pole mount socket for stand placement.

4.2 Connections

Before making any connections, ensure your amplifier is turned off and disconnected from the power supply. Connect the speakers to your amplifier using high-quality speaker cables. The McGrey DJ-1022 speakers feature a versatile connection panel.



Image: Detailed view of the speaker's rear connection panel, showing two Speakon compatible connectors and two binding post terminals for amplifier connection.

- **Speakon Compatible Connectors:** Use these for secure and reliable connections with amplifiers equipped with Speakon outputs. You can use one for input and the other for daisy-chaining to another speaker if your amplifier supports it.
- **Binding Post Terminals:** These allow connection using bare wire, banana plugs, or spade connectors. Ensure correct polarity (+ to + and - to -) when connecting.

Always ensure a secure connection to prevent signal loss or damage to your equipment.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. Ensure all connections between the speakers and the amplifier are secure before powering on.
2. Turn on your audio source (e.g., mixer, media player).
3. Turn on your amplifier. Start with the amplifier's volume at its lowest setting.
4. When powering off, first turn down the amplifier volume, then turn off the amplifier, and finally turn off your audio source.

5.2 Volume Control

Gradually increase the amplifier's volume to the desired listening level. Avoid pushing the amplifier or speakers into distortion, as this can cause damage.

5.3 Impedance Matching

The McGrey DJ-1022 speakers have an impedance of 8 Ohms. Ensure your amplifier is rated to safely drive an 8 Ohm load. Mismatching impedance can lead to amplifier overheating or speaker damage.

6. MAINTENANCE

6.1 Cleaning

Wipe the speaker cabinets with a dry, soft cloth. Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the felt surface or other components.

6.2 Storage

When not in use, store the speakers in a dry, cool environment, away from direct sunlight and extreme temperature fluctuations.

6.3 Inspection

Periodically inspect speaker cables and connectors for any signs of wear or damage. Replace damaged cables immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none">Loose or incorrect cable connectionsAmplifier not powered on or faultyAudio source not playing or faulty	<ul style="list-style-type: none">Check all speaker and amplifier connections.Ensure amplifier is powered on and functioning.Verify audio source is active and sending signal.
Distorted sound	<ul style="list-style-type: none">Volume too high, causing clippingDamaged speaker cableAmplifier overdriven	<ul style="list-style-type: none">Reduce amplifier volume.Inspect speaker cables for damage; replace if necessary.Ensure amplifier power matches speaker requirements.
Low volume output	<ul style="list-style-type: none">Amplifier volume too lowIncorrect speaker cable polarityLow output from audio source	<ul style="list-style-type: none">Increase amplifier volume.Check speaker cable polarity (+ to + and - to -).Verify audio source output level.

8. SPECIFICATIONS



Image: An overall view of the McGrey DJ-1022 speaker, showcasing its robust design and components.

Speaker Type: 2-way passive PA DJ speaker

Subwoofer: 10-inch (25 cm)

Tweeters: Two piezo tweeters

RMS Power: 200W

Max Power: 400W

Impedance: 8 Ohm

Sensitivity: 90dB (+/-2dB)

Frequency Response: 55Hz - 18kHz

Dimensions (H x W x D): 49 x 33 x 30 cm

Weight: 6.2 kg per speaker

Cabinet Material: Robust wood with felt surface

Protection: Metal grille for subwoofer, protective corners

Handles: Integrated side handles for transport

Connection Panel: Two Speakon compatible inputs/outputs, two binding post terminals

Mounting: Integrated pole mount socket

9. WARRANTY AND SUPPORT

The McGrey DJ-1022 speakers come with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or contact your point of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the manufacturer, McGrey, directly. Have your product model number (DJ-1022) and proof of purchase ready when contacting support.

