

McGrey tp-8

McGrey TP-8 Passive PA Speaker System User Manual

Model: TP-8 | Brand: McGrey

1. INTRODUCTION

Thank you for choosing the McGrey TP-8 Passive PA Speaker System. This manual provides essential information for the safe and efficient operation of your new speakers. Please read this manual thoroughly before use to ensure proper setup, operation, and maintenance. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.

- Always connect the speakers to an amplifier with appropriate power output and impedance matching (8 Ohm). Overpowering can damage the speakers.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Avoid prolonged listening at high volume levels to prevent hearing damage.

3. PACKAGE CONTENTS

The McGrey TP-8 Passive PA Speaker System package includes:

- 2 x McGrey TP-8 Passive PA Speakers

4. PRODUCT OVERVIEW

The McGrey TP-8 speakers are designed for versatile audio applications, offering robust performance in a compact wooden housing. They are ideal for DJ setups, parties, and general PA use.



Figure 4.1: Front view of the McGrey TP-8 speaker pair, showcasing the protective metal grilles and the McGrey logo.





Figure 4.2: Detailed front view of a single McGrey TP-8 speaker, highlighting the 8-inch woofer behind the grille.





Figure 4.3: Rear view of the speaker, showing the input terminal plate and the 35mm pole mount socket.



Figure 4.4: Close-up of the input panel, featuring gold-plated clamp terminals and a 6.3mm jack input for audio connection.

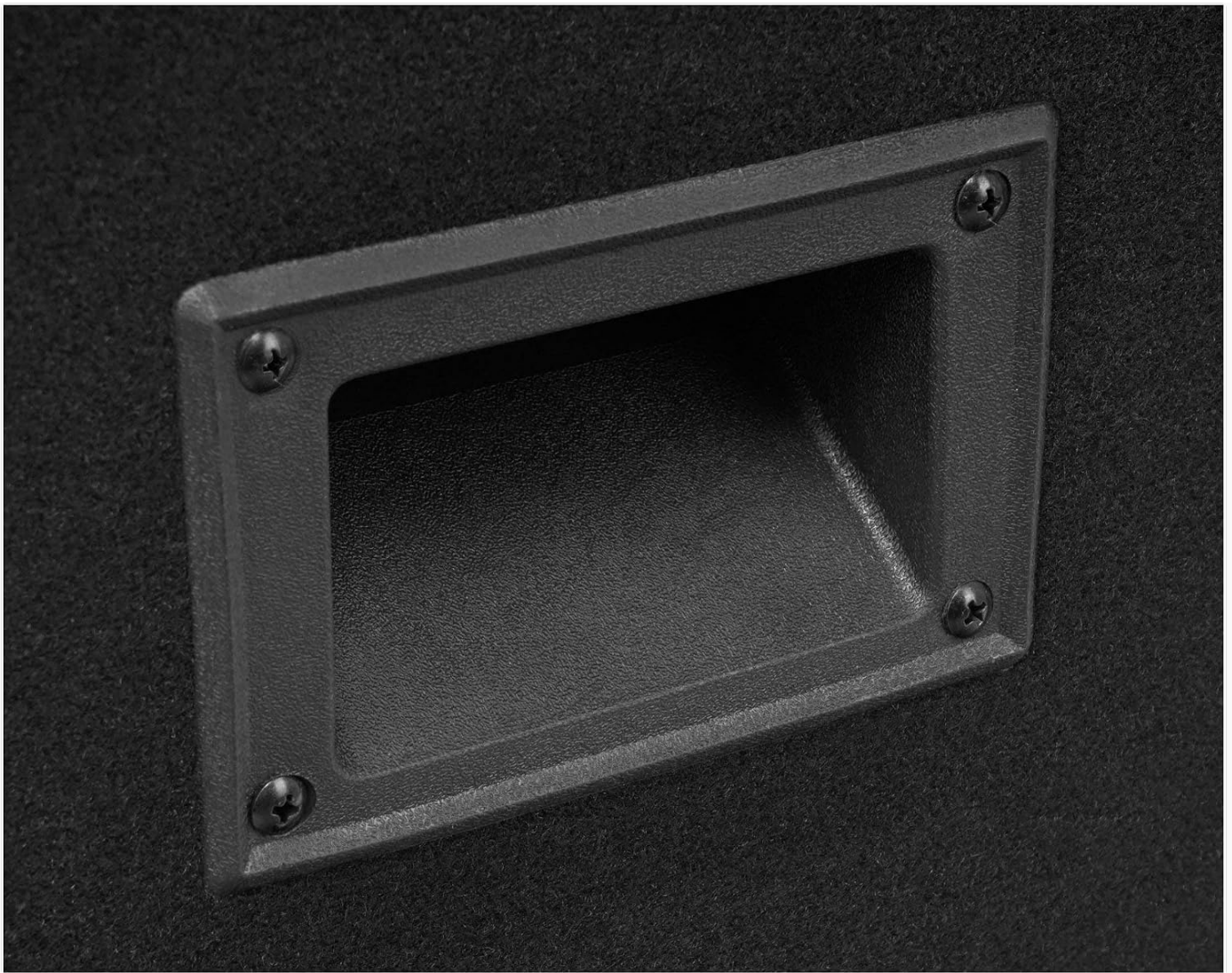


Figure 4.5: Detail of the recessed side carrying handle, designed for easy transport and handling of the speaker.



Figure 4.6: Bottom view of the speaker, showing the sturdy rubber feet for stability and the bass reflex port.





Figure 4.7: Side view of the speaker, illustrating its trapezoidal shape and the integrated carrying handle.



Figure 4.8: Side view of the speaker with key dimensions indicated: Height 43cm, Width 25cm, Depth 24cm.

5. SETUP

5.1 Placement

For optimal sound dispersion, place the speakers on a stable, flat surface or mount them on appropriate speaker stands using the integrated 35mm flange. Ensure there is adequate space around the speakers for proper ventilation and to avoid obstructing the bass reflex port.

5.2 Connections

The McGrey TP-8 speakers are passive and require an external amplifier. Connect the speakers to your amplifier's speaker outputs using high-quality speaker cables. The speakers feature both clamp terminals and a 6.3 mm jack input for connection. Ensure correct polarity (+ to + and - to -) when using the clamp terminals to avoid phase issues that can negatively impact sound quality.

- **Using Clamp Terminals:** Unscrew the terminals, insert the stripped ends of your speaker wire (red for positive, black for negative), and tighten the terminals securely.
- **Using 6.3 mm Jack:** Insert a 6.3 mm (1/4 inch) TS speaker cable into the jack input.

Important: Ensure your amplifier's impedance output matches the speaker's 8 Ohm impedance. Using an amplifier with an impedance lower than 8 Ohm can damage both the amplifier and the speakers.

6. OPERATION

6.1 Basic Operation

Once properly connected to an amplifier, the McGrey TP-8 speakers will reproduce audio signals from your source. Control the volume and audio settings directly from your amplifier or audio source device.

- Turn on your amplifier first, then your audio source.
- Start with the volume at a low level and gradually increase it to your desired listening level.
- When finished, turn off your audio source first, then your amplifier.

6.2 Sound Optimization

The sound quality of your speakers can be influenced by room acoustics and placement. Experiment with speaker positioning to find the best sound balance. For enhanced bass response, consider pairing these speakers with a dedicated subwoofer.

7. MAINTENANCE

7.1 Cleaning

To maintain the appearance and performance of your speakers:

- Wipe the exterior surfaces with a soft, dry cloth.
- Do not use liquid cleaners, aerosols, or abrasive chemicals, as these may damage the finish or internal components.
- Keep the speaker grilles free of dust and debris. A soft brush or vacuum cleaner with a brush attachment can be used carefully.

7.2 Storage

If storing the speakers for an extended period:

- Store them in a cool, dry place, away from direct sunlight and extreme temperatures.
- Protect them from dust and moisture, ideally in their original packaging or a protective cover.

8. TROUBLESHOOTING

If you encounter issues with your McGrey TP-8 speakers, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No sound from speakers	Incorrect connections Amplifier off or muted Audio source issue	Check speaker cable connections and polarity. Ensure amplifier is powered on and not muted. Check amplifier's input selection. Verify audio source is playing and its volume is up.
Distorted sound	Volume too high Impedance mismatch Damaged speaker cable	Reduce volume on amplifier. Ensure amplifier's output impedance matches speaker's 8 Ohm. Inspect speaker cables for damage; replace if necessary.
One speaker not working	Faulty cable Incorrect connection Amplifier channel issue	Swap speaker cables between speakers to identify if cable is faulty. Recheck connections for the non-working speaker. Test the amplifier channel with another speaker if possible.
Low volume output	Low input signal Amplifier not powerful enough	Increase volume on audio source. Ensure amplifier has sufficient power for the speakers (150W RMS per speaker).

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Speaker Type	Passive PA Speaker
Woofer Size	8 inches (20 cm)
Power (RMS)	150W
Power (Peak)	300W
Max. Sound Pressure	94dB
Frequency Response	55 - 20,000 Hz
Impedance	8 Ohm
Inputs	Clamp Terminals, 6.3 mm Jack
Cabinet Material	Wood
Dimensions (H x W x D)	44.5 x 27 x 25 cm (approx. 43 x 25 x 24 cm)
Weight	5.6 kg

Feature	Specification
Pole Mount	35 mm flange

10. WARRANTY AND SUPPORT

The McGrey TP-8 Passive PA Speaker System comes with a limited warranty. Please refer to your purchase documentation or the manufacturer's website for specific warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact the retailer where you purchased the product or visit the official McGrey website for contact information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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