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Omnitronic TMX-1530 3-Way Speaker 1000W Instruction Manual

Model: TMX-1530

1. INTRODUCTION

The Omnitronic TMX-1530 is a robust 3-way full-range speaker system designed for various audio applications. It features a durable wooden enclosure, a 15-inch woofer, an 8-inch mid-range speaker, and a tweeter for powerful highs. This speaker is built for high durability with bar handles, scratch-resistant black felt covering, a strong protective grille, and stable steel protection corners. It offers 1000W program power, 500W RMS, 8 ohms impedance, and a frequency response of 30-18000 Hz.



Figure 1: Front view of the Omnitronic TMX-1530 3-Way Speaker, showcasing its protective grille and durable construction.

2. SAFETY INSTRUCTIONS

Before operating the Omnitronic TMX-1530 speaker, please read and understand all safety instructions. Retain this manual for future reference.

- Do not expose the speaker to rain or moisture to prevent fire or electric shock.
- Ensure adequate ventilation around the speaker. Do not block ventilation openings.
- Use only attachments and accessories specified by the manufacturer.
- Disconnect the speaker from the power source during lightning storms or when unused for long periods.
- Avoid placing the speaker near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Do not place heavy objects on top of the speaker.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Omnitronic TMX-1530 3-Way Speaker System
- Speaker stand (if included with your specific package)

4. SETUP

4.1 Placement

Position the speaker on a stable, flat surface or mount it using a compatible speaker stand. The speaker includes a flange for stand installation, ensuring secure placement for optimal sound projection. Ensure the speaker is placed in a location that allows for proper sound dispersion and avoids obstructions.



Figure 2: The Omnitronic TMX-1530 speaker securely mounted on a stand, demonstrating its flange for installation.

4.2 Connections

Connect your audio source to the speaker using the two speaker jacks located on the rear panel. Ensure proper polarity when making connections. The speaker supports auxiliary and RCA connectivity for versatile integration with various audio equipment. Use high-quality cables for optimal audio performance.



Figure 3: Rear view of the Omnitronic TMX-1530 speaker, highlighting the input connections for audio sources.

5. OPERATING INSTRUCTIONS

Once the speaker is properly set up and connected to your audio source, ensure your audio source is powered on. Gradually adjust the volume levels on your audio source and any connected amplifier to prevent sudden loud sounds that could damage the speaker or your hearing. The Omnitronic TMX-1530 is ideal for live music, presentations, and band performances, delivering clear and powerful sound.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Omnitronic TMX-1530 speaker, follow these maintenance guidelines:

- Regularly clean the exterior of the speaker with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the finish.
- Ensure the protective grille is free from dust and debris to maintain sound clarity.
- When not in use, store the speaker in a dry environment, protected from extreme temperatures and humidity.
- Inspect cables and connections periodically for any signs of wear or damage.

7. TROUBLESHOOTING

If you encounter issues with your Omnitronic TMX-1530 speaker, refer to the following troubleshooting steps:

7.1 No Sound

- Check all power connections to the amplifier and audio source.
- Verify that audio cables are securely connected to both the speaker and the audio source.
- Ensure the audio source device is powered on and playing content.
- Confirm that volume levels on the amplifier and audio source are not set to minimum or muted.

7.2 Distorted Sound

- Reduce the volume level on your amplifier and audio source. Overdriving the speaker can cause distortion.
- Check audio cables for damage or loose connections.
- Ensure the amplifier's impedance matches the speaker's 8-ohm impedance.

7.3 Speaker Unstable

- Ensure the speaker is placed on a flat, stable surface.
- If using a speaker stand, verify that the stand is properly assembled and the speaker is securely mounted using its flange.

8. SPECIFICATIONS

Feature	Specification
Type	3-way full-range speaker
Power (RMS)	500 W

Feature	Specification
Power (Program)	1000 W
Impedance	8 Ohms
Frequency Response	30 - 18000 Hz
Woofer Diameter	38 cm (15 inches)
Mid-range Speaker Diameter	20 cm (8 inches)
Tweeter Type	Coil-driver tweeter
Connections	2 Speaker jacks
Sensitivity	97 dB (1 W, 1 m)
Dimensions (H x W x D)	755 x 490 x 370 mm (approx. 78 x 38 x 50 cm)
Weight	18 kg (approx. 19.7 kg)
Material	Wood
Color	Black
Connectivity Technology	Auxiliary, RCA

9. WARRANTY INFORMATION

The Omnitronic TMX-1530 speaker comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the documentation provided at the time of purchase. In most cases, a return policy of 30 days is offered for refunds or replacements. Please retain your proof of purchase for any warranty claims.

10. SUPPORT

For technical assistance, spare parts, or further inquiries regarding your Omnitronic TMX-1530 speaker, please contact Omnitronic customer support. Visit the official Omnitronic website for up-to-date contact information, FAQs, and additional resources.