

Genérico MAGNUM8

Genérico TREO MAGNUM8 8-Inch High-Performance Subwoofer Instruction Manual

Model: MAGNUM8

INTRODUCTION

Welcome to the instruction manual for your new Genérico TREO MAGNUM8 High-Performance Subwoofer. This 8-inch, 1200-watt subwoofer is engineered to deliver powerful and clear bass for your audio system. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your product.

SAFETY INFORMATION

- Always disconnect power before installation or maintenance.
- Ensure proper wiring and impedance matching to prevent damage to the subwoofer and amplifier.
- Avoid exposing the subwoofer to excessive moisture or extreme temperatures.
- Install the subwoofer securely to prevent movement during vehicle operation.
- Consult a professional installer if you are unsure about any installation steps.

PACKAGE CONTENTS

- 1 x Genérico TREO MAGNUM8 High-Performance Subwoofer

FEATURES

- 600 Watts RMS Power, 1200 Watts MAX Power
- Dual 4 + 4 Ohms Impedance
- Frequency Response: 30Hz - 800Hz
- Sensitivity: 89 dB/w/m
- 2" Aluminum BASV DVC Voice Coil
- 60 Oz. Magnet with cooling technology

- Non-pressed paper cone with stitched suspension
- Reinforced NOMEX spider
- Push-type terminals
- Steel basket

SPECIFICATIONS

Property	Value
Brand	Genérico
Model	MAGNUM8
Subwoofer Diameter	8 Inches
RMS Power	600 Watts
MAX Power	1200 Watts
Impedance	Dual 4 + 4 Ohms
Frequency Response	30Hz - 800Hz
Sensitivity	89 dB/w/m
Voice Coil	2" Aluminum BASV DVC
Magnet	60 Oz. with cooling technology
Cone Material	Non-pressed paper
Suspension	Stitched to cone
Spider	Reinforced NOMEX
Terminals	Push-type
Basket Material	Steel
Product Dimensions	10prof. x 10an. x 10alt. centimeters
Product Weight	1 Kilogram
Compatible Devices	Audio Receiver
Speaker Amplification Type	Passive
Waterproof	No

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety.

Enclosure Selection

The MAGNUM8 subwoofer requires a suitable enclosure (sealed or ported) designed for an 8-inch driver. Consult car audio resources or a professional for recommended enclosure volumes and port tuning frequencies.

Wiring the Dual Voice Coil (DVC)

The MAGNUM8 features a Dual Voice Coil (DVC) design with two 4-ohm voice coils. This allows for flexible wiring configurations to match your amplifier's impedance requirements.

Parallel Wiring (2 Ohms Total Impedance)

Connect the positive terminal of voice coil 1 to the positive terminal of voice coil 2. Connect the negative terminal of voice coil 1 to the negative terminal of voice coil 2. Then, connect the combined positive to the amplifier's positive output and the combined negative to the amplifier's negative output. This configuration results in a 2-ohm load.

Series Wiring (8 Ohms Total Impedance)

Connect the positive terminal of voice coil 1 to the amplifier's positive output. Connect the negative terminal of voice coil 1 to the positive terminal of voice coil 2. Connect the negative terminal of voice coil 2 to the amplifier's negative output. This configuration results in an 8-ohm load.

Important: Always verify the final impedance with a multimeter before connecting to your amplifier. Incorrect impedance can damage your amplifier or subwoofer.

Mounting

Securely mount the subwoofer into the chosen enclosure using appropriate screws. Ensure a tight seal to prevent air leaks, which can degrade sound quality.

Amplifier Connection

Connect the subwoofer's terminals to your amplifier's subwoofer output. Ensure correct polarity (positive to positive, negative to negative).



Image: Front view of the Genérico TREO MAGNUM8 8-inch subwoofer, showcasing the black cone with the 'TREO' logo.



Image: Side view of the Genérico TREC MAGNUM8 subwoofer retail box, showing product branding and specifications.



Image: Top view of the Genérico TREC MAGNUM8 subwoofer retail box, highlighting the 'MAGNUM8' model name and '1200W MAX POWER'.



Image: Rear view of the Genérico TREC MAGNUM8 subwoofer retail box, showing the magnet structure and terminal connections.



Image: Back of the Genérico TREO MAGNUM8 subwoofer retail box, displaying technical specifications in multiple languages.



Image: Angled view of two Genérico TREO MAGNUM8 subwoofers, illustrating both the front cone and the magnet structure with power ratings.

OPERATING INSTRUCTIONS

Initial Power-Up

After installation, turn on your audio system at a low volume. Gradually increase the volume and bass levels to ensure proper operation and to identify any potential issues.

Break-in Period

Allow a break-in period of approximately 10-20 hours of normal listening before operating the subwoofer at high volumes. This allows the suspension components to loosen and perform optimally.

Amplifier Settings

Adjust your amplifier's gain, crossover frequency, and phase settings according to your system's requirements and personal preference. Refer to your amplifier's manual for detailed instructions.

- **Gain:** Set the gain to match the output voltage of your head unit. Avoid setting the gain too high, as this can lead to distortion and damage.

- **Low-Pass Filter (LPF):** Typically set between 60Hz and 100Hz for subwoofers. This ensures only low frequencies are sent to the subwoofer.
- **Subsonic Filter:** If available, set this filter slightly below your enclosure's tuning frequency to protect the subwoofer from over-excursion at very low frequencies.
- **Phase:** Adjust the phase (0° or 180°) to ensure the subwoofer's output is in sync with your main speakers, providing cohesive bass response.

MAINTENANCE

- Keep the subwoofer cone free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid touching the cone or surround with sharp objects.
- Regularly check wiring connections for tightness and corrosion.
- Ensure adequate ventilation around the subwoofer and amplifier to prevent overheating.

TROUBLESHOOTING

No Sound from Subwoofer

- Check all power, ground, and remote turn-on connections to the amplifier.
- Verify RCA signal cables are securely connected to both the head unit and amplifier.
- Ensure the amplifier is powered on (indicator light should be illuminated).
- Check the amplifier's fuses.
- Confirm the head unit's subwoofer output is enabled and volume is up.
- Inspect subwoofer wiring for correct polarity and secure connections.

Distorted Sound

- Reduce the amplifier's gain setting.
- Check for proper crossover settings; the LPF might be set too high.
- Ensure the subwoofer is not over-driven. Reduce volume.
- Verify the enclosure is sealed properly (if applicable) and free of rattles.

Weak Bass

- Increase the amplifier's gain or head unit's subwoofer level.
- Adjust the phase setting (0° or 180°) on the amplifier or head unit.
- Check for proper enclosure volume and tuning.
- Ensure all wiring is correct and secure.

WARRANTY AND SUPPORT

The Genérico TREO MAGNUM8 Subwoofer comes with a limited warranty. Please retain your proof of purchase for warranty claims. For technical support or warranty inquiries, please contact your retailer or the manufacturer.

Note: Damage caused by improper installation, abuse, or unauthorized modifications is not covered under warranty.

