

Deaf Bonce ML-10R-D2

Deaf Bonce Machete Lite-R 10" Dual 2 Ohm 1000W Subwoofer ML-10R-D2 User Manual

Model: ML-10R-D2

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Deaf Bonce Machete Lite-R 10-inch Dual 2 Ohm 1000W Subwoofer (ML-10R-D2). Please read this manual thoroughly before using the product to ensure optimal performance and safety.

The Machete Lite-R series subwoofer is designed to deliver powerful bass performance in car audio systems and can also be integrated into home theater setups. Its lightweight design and robust construction ensure durability and efficient sound reproduction.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the equipment:

- **Power Handling:** Do not exceed the maximum power handling of 1000 Watts. Overpowering can cause permanent damage to the subwoofer.
- **Wiring:** Ensure all wiring is correctly connected and insulated to prevent short circuits. Incorrect wiring can lead to amplifier damage or fire.
- **Mounting:** Securely mount the subwoofer using appropriate brackets and hardware. Loose mounting can cause vibration, damage, or injury.
- **Ventilation:** Ensure adequate ventilation around the subwoofer and amplifier to prevent overheating.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage.
- **Moisture:** This product is not waterproof. Avoid exposure to water or excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Deaf Bonce Machete Lite-R 10" Subwoofer (ML-10R-D2)
- Power Cable

4. INSTALLATION

4.1 Mounting

The subwoofer is designed for bracket mount installation. Ensure the mounting surface is sturdy and capable of supporting the subwoofer's weight (approximately 15 pounds). Use appropriate fasteners to secure the subwoofer firmly in place, preventing any movement during operation.



This image shows the front of the Deaf Bonce Machete Lite-R 10-inch subwoofer, highlighting the cone, foam surround, and the 'Machete Lite-R' branding.

4.2 Wiring

The ML-10R-D2 features a Dual 2 Ohm Voice Coil, offering versatile wiring options to match your amplifier's impedance requirements. Proper wiring is crucial for optimal performance and to prevent damage to the subwoofer or amplifier.



This image displays the dual wiring terminals on the side of the subwoofer, indicating connection points for the voice coils.

Common Wiring Configurations for Dual 2 Ohm Voice Coils:

- **Parallel Wiring (1 Ohm total impedance):** Connect the positive terminal of Voice Coil 1 to the positive terminal of Voice Coil 2, and 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 1 Ohm load.
- **Series Wiring (4 Ohm 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. Then, connect the negative terminal of Voice Coil 2 to the amplifier's negative output. This configuration results in a 4 Ohm load.

Consult your amplifier's manual to determine the stable impedance it can handle before wiring the subwoofer.

4.3 Power Connection

Connect the provided power cable to your amplifier according to the amplifier's instructions. Ensure all connections are secure and properly insulated. The subwoofer requires a corded electric power source, typically supplied by a car audio amplifier or a dedicated home theater amplifier.



This image shows the rear of the subwoofer, featuring the magnet structure and a label with the model number 'ML-10R D2' and power specifications.

5. OPERATION

Once installed and wired correctly, the subwoofer is ready for operation. It is recommended for use in car audio systems and home theater systems.

- **Initial Power-Up:** Turn on your audio system at a low volume level. Gradually increase the volume to ensure proper function and to identify any issues.
- **Break-in Period:** Allow a break-in period of several hours of moderate use 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, and phase settings to achieve balanced sound with your other speakers. Refer to your amplifier's manual for detailed instructions on these adjustments.
- **Sound Quality:** The subwoofer is designed to reproduce low-frequency sounds. If the sound is distorted, reduce the volume or check your amplifier settings.

6. MAINTENANCE AND CARE

Proper care will extend the life and performance of your subwoofer:

- **Cleaning:** Use a soft, dry cloth to clean the subwoofer. Avoid using harsh chemicals or abrasive cleaners.
- **Foam Surround:** The subwoofer features a foam surround. Inspect it periodically for cracks or damage. Avoid touching the foam with sharp objects or applying excessive pressure.
- **Environment:** Keep the subwoofer in a dry environment, away from direct sunlight and extreme temperatures.
- **Connections:** Periodically check all wiring connections to ensure they remain secure.

7. TROUBLESHOOTING

If you encounter issues with your subwoofer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from subwoofer	No power to amplifier Incorrect wiring Amplifier in protection mode Source unit issue	Check amplifier power connections and fuses. Verify all wiring connections (power, ground, signal, speaker). Turn off and restart amplifier; check for overheating or short circuits. Ensure source unit is sending audio signal.
Distorted or unclear sound	Gain set too high Incorrect crossover settings Damaged subwoofer Poor enclosure	Reduce amplifier gain. Adjust low-pass filter on amplifier or head unit. Inspect subwoofer cone and surround for physical damage. Ensure enclosure is sealed and properly sized.
Subwoofer gets hot	Overpowering Insufficient ventilation Impedance mismatch	Reduce volume or check amplifier output. Ensure adequate airflow around the subwoofer and amplifier. Verify wiring impedance matches amplifier's stable load.

If the problem persists after attempting these solutions, contact customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	ML-10R-D2
Speaker Type	Subwoofer
Subwoofer Diameter	10 Inches
Speaker Maximum Output Power	1000 Watts
Voice Coil Configuration	Dual 2 Ohm
Magnet Type	Ferrite

Feature	Specification
Frequency Response	40 Hz
Connectivity Technology	Wired
Mounting Type	Bracket Mount
Material	Foam (Surround)
Product Dimensions	10"D x 10"W x 1"H
Item Weight	15 Pounds
Recommended Uses	For Car Audio Systems, For Home Theater Systems
Manufacturer	Deaf Bonce
GTIN (UPC)	04650185706752

9. WARRANTY INFORMATION

This Deaf Bonce Machete Lite-R 10" Subwoofer (ML-10R-D2) comes with a **Limited Warranty**. Please refer to the official Deaf Bonce warranty policy for specific terms, conditions, and duration of coverage. The warranty typically covers manufacturing defects under normal use. Damage resulting from improper installation, abuse, or exceeding specified power limits may not be covered.

10. CUSTOMER SUPPORT

For technical assistance, warranty claims, or further information regarding your Deaf Bonce Machete Lite-R subwoofer, please contact Deaf Bonce customer support through their official channels. You can often find support contact information on the manufacturer's website or through the retailer where the product was purchased. For more information about Deaf Bonce products, visit the [Deaf Bonce Store](#).