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> [HEAD Boom MP 2024 Tennis Racquet User Manual](#)

HEAD 230414

HEAD Boom MP 2024 Tennis Racquet User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the HEAD Boom MP 2024 Tennis Racquet. Designed for intermediate and advanced players, this racquet features Auxetic construction for enhanced feel and power. Please read this manual thoroughly to understand the racquet's features, proper usage, and maintenance requirements.

2. PRODUCT COMPONENTS

The HEAD Boom MP 2024 Tennis Racquet package includes the following:

- One (1) HEAD Boom MP 2024 Tennis Racquet, strung with Velocity 16 Gauge string at mid-tension.





Figure 2.1: Front view of the HEAD Boom MP 2024 Tennis Racquet, showcasing its mint green frame and strung face.

3. SETUP

The HEAD Boom MP 2024 Tennis Racquet comes pre-strung and ready for immediate use. No complex assembly is required. Before your first use, consider the following:

- **Grip Check:** Ensure the grip size (4 3/8 inches for this model) is comfortable and appropriate for your hand. An incorrect grip size can affect performance and lead to discomfort or injury.
- **String Inspection:** Visually inspect the strings for any signs of damage or fraying. The racquet is strung at mid-tension with Velocity 16 Gauge string, suitable for a balanced feel.
- **Overgrip (Optional):** Many players choose to apply an overgrip for additional comfort, sweat

absorption, or to slightly increase grip thickness.



Figure 3.1: Detail of the racquet handle and butt cap, showing the grip and HEAD logo.

4. OPERATING THE RACQUET

The HEAD Boom MP 2024 is designed for tennis play. Proper technique and understanding of the racquet's characteristics will enhance your game.

4.1 Holding the Racquet

Hold the racquet firmly but not too tightly. Various grips exist (e.g., Continental, Eastern, Semi-Western, Western) each suited for different shot types. Experiment to find what works best for your playing style.

4.2 Racquet Performance

This racquet's Auxetic construction provides a sensational feel and combines power with control, making it suitable for generating explosive shots while maintaining precision. Its balance and weight are optimized for intermediate to advanced players seeking a versatile performance racquet.



Figure 4.1: Angled view highlighting the racquet head and frame, showing the string pattern and frame thickness.

5. MAINTENANCE

Proper maintenance extends the life of your tennis racquet and ensures consistent performance.

- **Cleaning:** Wipe the frame and grip with a damp cloth after each use to remove dirt and sweat. Avoid harsh chemicals.
- **String Care:** Strings lose tension over time and can break. Consider restringing your racquet periodically based on your playing frequency and string type. If a string breaks, it is recommended to restring the entire racquet to maintain even tension.
- **Grip Replacement:** Replace your overgrip or base grip when it becomes worn, slippery, or loses its cushioning.
- **Storage:** Store your racquet in a cool, dry place, away from direct sunlight and extreme temperatures, which can affect frame integrity and string tension. Using a racquet bag provides protection during transport and storage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your tennis racquet.

- **Loss of Power/Control:** This is often due to worn-out or loose strings. Consider restringing the racquet.

- **Discomfort in Hand/Arm:** Check your grip size and technique. An incorrect grip or excessive tension can contribute to discomfort. Consult a tennis professional for grip analysis.
- **Rattling Sound:** Inspect the grommets (plastic inserts where strings pass through the frame). A loose grommet or a piece of debris inside the frame can cause rattling.
- **Frame Damage:** Avoid hitting the racquet on the ground or net posts. Any significant impact can damage the frame, affecting playability and potentially causing injury.

7. SPECIFICATIONS

Detailed technical specifications for the HEAD Boom MP 2024 Tennis Racquet (Model: 230414).

Feature	Specification
Model Number	230414
UPC	724794925690
Brand	HEAD
Grip Size	4 3/8 inches
Sport	Tennis
Skill Level	Intermediate to Advanced
Material	Carbon Graphite
Frame Material	Graphite
Shaft Material	Graphite, Graphene Inside
Head Size	645 cm ² / 100 in ²
String Pattern	16/19
Balance (Unstrung)	315 mm / 1 in HL
Length	685 mm / 27.0 in
Weight (Unstrung)	295 g / 10.4 oz
String Installation	Strung Mid Tension with Velocity 16 Gauge
Color	Emerald Grinx Pale Green
Product Dimensions	27"L x 0.94"W
Age Range	Adult

8. WARRANTY AND SUPPORT

For warranty information, product support, or service inquiries regarding your HEAD Boom MP 2024 Tennis Racquet, please refer to the official HEAD website or contact HEAD customer service directly. Keep your proof of purchase for warranty claims.

HEAD Official Website: www.head.com

