

YOUNG The Black Bird

YOUNG The Black Bird Badminton Racket User Manual

Model: The Black Bird

1. INTRODUCTION

Thank you for choosing the YOUNG The Black Bird Badminton Racket. This manual provides essential information for the proper setup, usage, maintenance, and care of your new badminton racket. Designed with advanced technology, this racket aims to enhance your performance on the court.

The Black Bird racket is inspired by the design and functionality of the Lockheed SR-71 Blackbird, featuring a nano-tech air frame for powerful shots, swift movement, high stability, and shot strength. Its medium flex shaft is engineered to absorb vibrations, providing enhanced comfort for players who prioritize both power and comfort.

2. KEY FEATURES

- **32 LBS Max Tension:** Supports high string tension for powerful and precise shots.
- **Weight 80 Grams:** A lightweight design for quick maneuverability and reduced fatigue.
- **Nano Tech Air Frame System:** Enhances aerodynamics and frame strength for improved hitting power.
- **Medium Flex Shaft:** Offers a balance of power and control, absorbing vibrations for comfortable play.
- **24T Graphite Construction:** Utilizes high-quality graphite for durability and performance.

3. SETUP AND PREPARATION

The YOUNG The Black Bird Badminton Racket is supplied unstrung, allowing you to customize the string tension to your preference. It is recommended to have the racket strung by a professional to ensure optimal performance and to prevent damage to the frame.

3.1 Stringing

- **Recommended Tension:** The racket supports a maximum tension of 32 LBS. Choose a tension that suits your playing style and skill level. Higher tension generally provides more control but less power, while lower tension offers more power but less control.

- **String Type:** Select a string type that complements your game. Various strings offer different characteristics such as durability, repulsion, or control.

3.2 Grip Application

The racket comes with a standard grip. You may choose to apply an overgrip for enhanced comfort, better sweat absorption, or to adjust the grip size to your hand. Ensure the overgrip is applied smoothly and securely.

4. OPERATING AND USAGE TIPS

Understanding the characteristics of your racket can significantly improve your game. The Black Bird is a head-heavy racket, designed to provide extra power in smashes and clears.

4.1 Playing Style

- **Power Play:** The head-heavy balance and nano-tech air frame are ideal for players who emphasize powerful overhead shots like smashes and clears. Focus on a full swing to leverage the racket's weight distribution.
- **Comfort and Control:** The medium flex shaft helps absorb vibrations, reducing strain on your arm during extended play. This also contributes to better shuttle control for precise placements.
- **Maneuverability:** Despite being head-heavy, its 80-gram weight allows for swift racket head speed, aiding in quick defensive blocks and net play.

4.2 Performance Metrics

The Black Bird racket is engineered for high performance across various shot types:



F11:

THE BLACK BIRD

90%
NET SHOT

95%
SMASH

85%
DROP

80%
DRIVE

Image: Performance metrics for the YOUNG The Black Bird racket, indicating high percentages for Net Shot (90%), Smash (95%), Drop (85%), and Drive (80%).

- **Smash (95%):** Optimized for maximum power in offensive shots.
- **Net Shot (90%):** Provides excellent control for delicate shots at the net.
- **Drop (85%):** Facilitates precise drop shots.
- **Drive (80%):** Supports strong and flat drive shots.

5. MAINTENANCE AND CARE

Proper maintenance will extend the lifespan and performance of your badminton racket.

5.1 Cleaning

- Wipe the frame and strings with a soft, dry cloth after each use to remove sweat and dirt.
- Avoid using harsh chemicals or abrasive materials, which can damage the racket's finish or frame.

5.2 Storage

- Store the racket in its full cover (included) to protect it from scratches, dust, and environmental factors.
- Keep the racket in a cool, dry place, away from direct sunlight and extreme temperatures (both hot and cold), as these can affect the frame and string tension.
- Avoid leaning the racket against walls or hard surfaces, which can cause frame distortion or damage.

5.3 String Care

- Inspect strings regularly for fraying or signs of wear. Replace strings when they lose tension or break.
- If you notice a significant drop in performance or a change in sound when hitting the shuttlecock, it may be time for restringing.

6. TROUBLESHOOTING

Most issues with a badminton racket relate to stringing or physical damage. Here are some common concerns:

- **Loss of Power/Control:** This is often due to worn-out or loose strings. Consider restringing the racket.
- **Vibrations During Play:** While the medium flex shaft is designed to reduce vibrations, excessive vibrations might indicate a cracked frame or a loose grip. Inspect the racket carefully.
- **Broken Strings:** Strings can break due to impact, wear, or exceeding the maximum tension. Restring the racket immediately to prevent frame warping.
- **Frame Damage:** Cracks or dents in the frame usually result from impact. A damaged frame can affect performance and may lead to further breakage. In most cases, frame damage is irreparable and requires racket replacement.

7. SPECIFICATIONS

Attribute	Detail
Brand	YOUNG
Model Name	The Black Bird
Sport	Badminton
Material	Graphite
Frame Material	Graphite
Shaft Material	Graphite
Item Weight	80 Grams
Max Tension	32 LBS

Attribute	Detail
Grip Size	4 inches
Color	Black
Skill Level	All
Style	Unstrung Racquet
Included Components	1 x Badminton Racket, 1 x Full Cover
Manufacturer	Ruby Glamour SDN
Date First Available	February 3, 2023

8. PRODUCT IMAGES



Image: The YOUNG The Black Bird Badminton Racket displayed alongside its black protective full cover, highlighting the product's overall presentation.



Image: A full, upright view of the YOUNG The Black Bird Badminton Racket, emphasizing its slender shaft

and head-heavy frame design.



Image: A detailed side view of the racket, focusing on the connection between the frame and the shaft, highlighting the structural integrity.



Image: A close-up view of the racket head, illustrating the Nano-Tech Air Frame system, designed for enhanced aerodynamics and strength.



Image: A detailed shot of the racket head, emphasizing its head-heavy balance, which contributes to powerful shots.



Image: Two rackets positioned to highlight the 24T Japanese Graphite construction, indicating the high-quality material used in the shaft and frame.

9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact YOUNG customer support directly. Generally, manufacturing defects are covered, but damage due to misuse, improper stringing, or normal wear and tear may not be.

For further assistance, technical support, or inquiries regarding your YOUNG The Black Bird Badminton Racket, please visit the official YOUNG website or contact their customer service department through the contact information provided at the point of purchase.