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YONEX AX88SP3UG5

Yonex Astrox 88 S PRO Badminton Racket User Manual

Model: AX88SP3UG5

1. PRODUCT OVERVIEW

The Yonex Astrox 88 S PRO is a premium badminton racket designed for powerful performance and precision. Crafted with advanced materials and engineering, it offers exceptional stiffness and stability, making it suitable for intermediate to advanced players.

Key Features:

- **Frame:** HM Graphite / VOLUME CUT RESIN / Tungsten
- **Shaft:** HM Graphite / Namd
- **Flex:** Stiff
- **Weight:** 3U (Average 88g)
- **Grip Size:** G5
- **Origin:** Made In Japan



Figure 1: Full view of the Yonex Astrox 88 S PRO Badminton Racket in Emerald Blue.

2. SETUP

The Yonex Astrox 88 S PRO racket is typically sold unstrung, allowing players to customize string tension and type according to their preference. Proper setup is crucial for optimal performance and racket longevity.

2.1 Stringing the Racket

1. **Professional Stringing:** It is highly recommended to have your racket strung by a certified professional. Incorrect stringing can damage the frame or lead to inconsistent performance.
2. **Tension:** Consult with your stringer to determine the appropriate string tension for your playing style. The recommended tension range is usually indicated on the racket frame.
3. **String Type:** Choose a string type that complements your game. Yonex offers various strings designed for power, control, or durability.

2.2 Grip Application

1. **Base Grip:** The racket comes with a factory-installed base grip.
2. **Overgrip:** Many players prefer to apply an overgrip for enhanced comfort, sweat absorption, and a

customized feel. Wrap the overgrip tightly and evenly from the bottom of the handle upwards.

3. **Grip Size:** The Astrox 88 S PRO comes with a G5 grip size. If you require a larger grip, an additional overgrip can increase the circumference.



Figure 2: Close-up view of the racket's handle and grip, showing the G5 grip size.

3. OPERATING (USAGE)

The Astrox 88 S PRO is engineered for advanced play, offering a stiff flex for precise control and powerful smashes. Understanding its characteristics will help maximize your performance.

3.1 Racket Characteristics

- **Stiff Flex:** Provides greater accuracy and power for advanced players who can generate high swing speeds. It offers less shuttlecock hold time compared to flexible rackets.
- **Head-Heavy Balance:** The Astrox series is known for its Rotational Generator System, which distributes weight throughout the grip end, frame top, and joint for maximum control, allowing for rapid succession of shots.
- **Pocketing Booster Frame:** This technology enhances the frame's elasticity, allowing the shuttlecock to be held for longer, improving control and power transfer.

3.2 Playing Tips

- **Grip:** Maintain a relaxed but firm grip. Adjust your grip for different shots (forehand, backhand, net shots).
- **Swing:** Utilize the racket's stiff flex and head-heavy balance for powerful overhead shots and smashes. Focus on proper technique to avoid injury and maximize shot quality.
- **Control:** The racket's design aids in precise shot placement. Practice various shots to get accustomed to its feel and responsiveness.

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Video 1: Product Overview demonstrating the features and usage of a Yonex badminton racket. Note: This video features the Yonex ArcSaber 11 Pro, but illustrates general racket handling and features relevant to high-performance Yonex rackets.

4. MAINTENANCE

Regular maintenance will extend the life of your Yonex Astrox 88 S PRO racket and ensure consistent performance.

4.1 Cleaning

- **Frame:** Wipe the frame with a soft, damp cloth to remove sweat and dirt. Avoid harsh chemicals.
- **Grip:** Replace your overgrip regularly, especially if it becomes worn, slippery, or accumulates excessive sweat. This maintains a secure hold and prevents blisters.

4.2 String Care

- **Inspect Strings:** Periodically check strings for fraying or signs of wear. Replace strings when they lose tension or break.
- **Avoid Extreme Temperatures:** Do not expose the racket to extreme heat or cold, as this can affect string tension and frame integrity.

4.3 Storage

- **Racket Cover:** Always store the racket in its provided full cover to protect it from scratches and minor impacts.
- **Environment:** Store the racket in a cool, dry place, away from direct sunlight and humidity.



Figure 3: The Yonex Astrox 88 S PRO Badminton Racket shown with its protective cover.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your badminton racket.

5.1 Broken Strings

- **Cause:** Normal wear and tear, impact with shuttlecock or other objects, or excessive string tension.
- **Solution:** Replace all strings immediately. Do not continue playing with broken strings as this can warp the frame. Seek professional stringing services.

5.2 Loose or Worn Grip

- **Cause:** Prolonged use, sweat accumulation.
- **Solution:** Replace the overgrip. If the base grip is worn, it may also need replacement by a professional.

5.3 Frame Damage (Cracks, Dents)

- **Cause:** Impact with the ground, another racket, or a hard object.
- **Solution:** Frame damage often renders the racket unusable and cannot be repaired effectively.

Continued use with a damaged frame can lead to further breakage and potential injury.

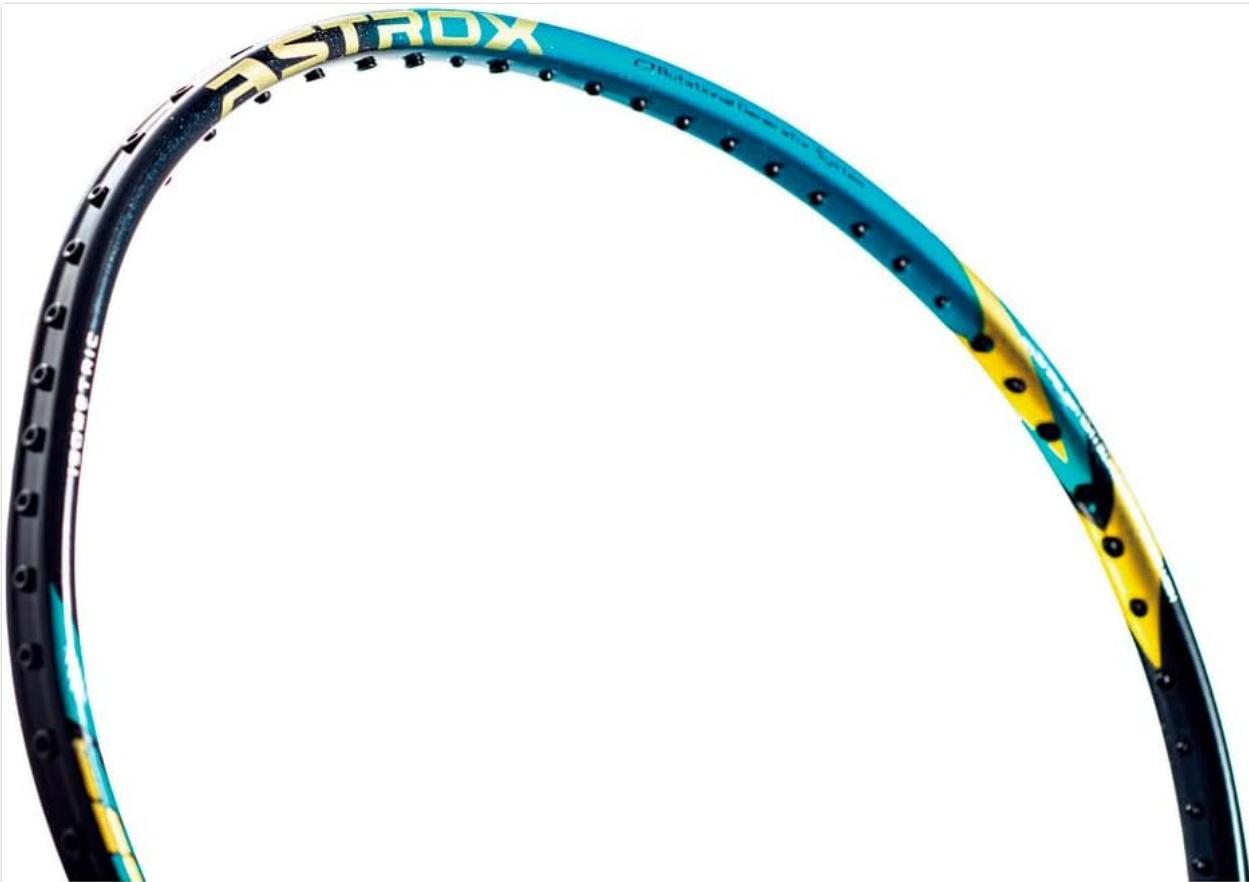


Figure 4: Close-up view of the racket frame, highlighting the string bed and grommets.

6. SPECIFICATIONS

Feature	Detail
Model Number	AX88SP3UG5
Brand	YONEX
Sport	Badminton
Skill Level	Advanced
Frame Material	HM Graphite / VOLUME CUT RESIN / Tungsten
Shaft Material	HM Graphite / Namd
Flex	Stiff
Weight	3U (Average 88g)
Grip Size	G5 (4 5/8 inches)
Color	Emerald Blue
Item Weight	0.19 Pounds (3.04 ounces)
Package Dimensions	27 x 9 x 1 inches

Feature	Detail
UPC	008235583978
Age Range	Adult
Country of Origin	Japan

7. WARRANTY AND SUPPORT

Your Yonex Astrox 88 S PRO Badminton Racket is covered by the manufacturer's standard warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer.

For Warranty Claims:

- Retain your proof of purchase (receipt or invoice).
- Contact the retailer from whom you purchased the racket or visit the official Yonex website for detailed warranty information and contact options.

For Product Support:

- If you have questions regarding the use, maintenance, or performance of your racket, please refer to the official Yonex support channels.
- Online resources, FAQs, and customer service contact information can typically be found on the official Yonex website.

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