

## 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)

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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

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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.