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uxcell 6045

uxcell RC Propellers 6045 6x4.5 Inch Instruction Manual

Model: 6045 | Brand: uxcell

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your uxcell 6045 6x4.5 inch RC Propellers. Please read this manual thoroughly before use to ensure safe and optimal performance.

2. PRODUCT FEATURES

- **Dimensions:** 6 inch diameter, 4.5 inch pitch.
- **Blade Quantity:** 2-vane design for efficient thrust.
- **Material:** Constructed from durable nylon.
- **Shaft Diameter:** Compatible with 5mm (small) and 9mm (large) shafts using included adapters.
- **Application:** Suitable for various RC airplanes and quadcopters.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 2 Pairs (4 pieces) x uxcell RC Propellers (6045 6x4.5 Inch, Black)
- 4 x Hole Adapters



Figure 3.1: Contents of the uxcell RC Propeller package, showing four propellers and multiple adapter rings.

4. SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. Follow these steps carefully:

1. **Check Compatibility:** Ensure the propeller's rotating diameter and pitch (6x4.5 inches) are suitable for your RC plane or quadcopter motor.
2. **Select Adapter:** Identify the correct hole adapter that matches your motor's shaft diameter (5mm or 9mm).
3. **Install Adapter:** Insert the selected adapter firmly into the center hole of the propeller.
4. **Mount Propeller:** Carefully mount the propeller onto the motor shaft, ensuring it is seated securely and aligned correctly.
5. **Secure Propeller:** Use the motor's retaining nut or mechanism to fasten the propeller firmly. Do not overtighten, but ensure there is no wobble.

6. **Verify Rotation:** Confirm that the propeller is installed in the correct orientation for thrust. RC propellers are typically designed for specific rotation directions (clockwise or counter-clockwise). The package includes pairs for both rotations.

2 Pairs

Size: 6"x4.5"



Figure 4.1: Two uxcell RC Propellers, illustrating the 6x4.5 inch size marking.

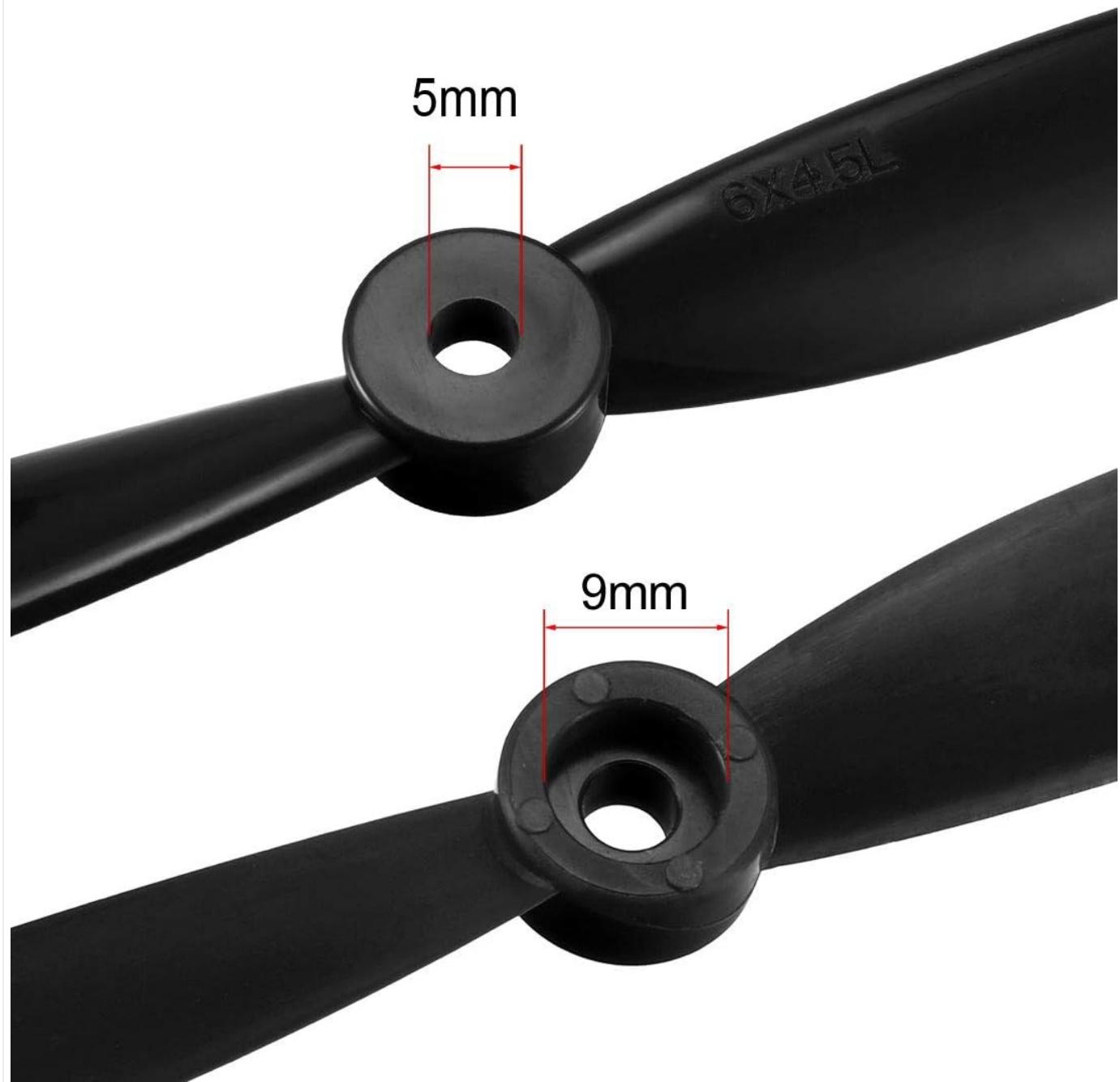


Figure 4.2: Detailed view of propeller shaft diameters, indicating 5mm and 9mm options for adapter rings.

5. OPERATION GUIDELINES

Once installed, these propellers are designed to provide efficient thrust for your RC aircraft. Observe the following guidelines:

- **Pre-Flight Check:** Before each flight, inspect propellers for any cracks, chips, or damage. Do not fly with damaged propellers.
- **Balance:** For optimal performance and reduced vibration, ensure propellers are balanced. Unbalanced propellers can lead to excessive vibration and reduced flight stability.
- **Environmental Conditions:** Avoid operating in conditions that may cause propeller damage, such as dense foliage or extreme temperatures.

6. MAINTENANCE

Regular maintenance helps prolong the life and performance of your propellers:

- **Cleaning:** Wipe propellers clean with a soft, dry cloth after use to remove dust, dirt, or debris.
- **Inspection:** Periodically inspect for signs of wear, stress, or damage. Replace propellers immediately if any damage is observed.
- **Storage:** Store propellers in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

7. TROUBLESHOOTING

If you encounter issues, consider the following:

- **Excessive Vibration:** Check for propeller balance, secure mounting, and any damage to the propeller blades. Replace if damaged or unbalanced.
- **Reduced Thrust:** Ensure propellers are installed in the correct rotation direction. Verify that the propeller pitch and diameter are appropriate for your motor.
- **Propeller Detachment:** Re-check that the propeller is securely fastened to the motor shaft with the correct adapter and retaining mechanism.

8. SPECIFICATIONS

Feature	Specification
Model	6045
Diameter	6 inches (152.4 mm)
Pitch	4.5 inches (114.3 mm)
Blade Quantity	2
Shaft Diameter (Small)	5mm
Shaft Diameter (Large)	9mm
Material	Nylon
Color	Black
Item Weight	Approximately 1.44 ounces (for the package)
Manufacturer Part Number	a19021200ux1163

9. SAFETY INFORMATION

Always prioritize safety when handling and operating RC propellers:

- **Rotating Blades:** Keep hands, face, and loose clothing clear of rotating propellers. They can cause serious injury.
- **Eye Protection:** Consider wearing eye protection when working with or near RC propellers.
- **Damage:** Never attempt to repair damaged propellers. Always replace them with new, undamaged ones.
- **Children:** Keep propellers and RC aircraft out of reach of small children.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your uxcell RC Propellers, please refer to the official uxcell website or contact their customer service directly. Specific warranty terms may vary by region and retailer.

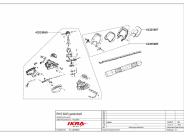
Manufacturer: uxcell

Website: [Visit the uxcell Store on Amazon](#)

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Related Documents - 6045

	<p>Bush Hog Front End Loaders 3545/4045/5045/6045 Operator's Manual Comprehensive operator's manual for Bush Hog Front End Loaders models 3545, 4045, 5045, and 6045. Covers assembly, operation, maintenance, safety precautions, and technical specifications for optimal use and longevity of the equipment.</p>
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[IKRA RHS 6045 Gartenkraft Parts List and Diagram](#)

Exploded view diagram and parts list for the IKRA RHS 6045 Gartenkraft garden tool, featuring part numbers and technical specifications.