

le-idea 16-Piece Propeller Set (Compatible with IDEA36, IDEA31P, IDEA16P)

le-idea 16 Pieces Propeller Set User Manual

Model Compatibility: IDEA36, IDEA31P, IDEA16P Drones
Brand: le-idea

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your le-idea 16-piece propeller set. These propellers are specifically designed to be compatible with le-idea drone models IDEA36, IDEA31P, and IDEA16P, ensuring optimal flight performance and stability. Please read this manual thoroughly before replacing or installing new propellers.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 16 x le-idea Drone Propellers (8 clockwise, 8 counter-clockwise)
- (Note: Screws for installation are typically included with the drone or original propeller set. Ensure you have the necessary hardware.)



Image: The complete set of 16 le-idea drone propellers, ready for installation. These propellers are designed for specific le-idea drone models to ensure proper fit and flight characteristics.

SETUP AND INSTALLATION

Proper installation of propellers is crucial for safe and stable drone flight. Always ensure the drone is powered off and the battery is disconnected before beginning installation.

1. Identifying Propeller Types

Drone propellers are typically marked with 'A' or 'B' (or 'CW' for Clockwise and 'CCW' for Counter-Clockwise) to indicate their rotation direction. Match the propeller type to the corresponding motor arm on your drone. Incorrect installation can lead to unstable flight or inability to take off.

2. Removing Old Propellers

1. Carefully unscrew the retaining screws that secure the old propeller to the motor shaft.

2. Gently lift the old propeller off the motor.

3. Installing New Propellers

1. Align the new propeller with the motor shaft, ensuring the correct 'A' or 'B' type is placed on the designated motor.
2. Place the propeller firmly onto the motor shaft.
3. Secure the propeller with the appropriate screws. Do not overtighten, as this can damage the propeller or motor.
4. Repeat for all propellers.

Important: After installation, manually spin each propeller to ensure it rotates freely without obstruction and is securely fastened.

OPERATING CONSIDERATIONS

While these propellers are designed for durability, proper handling and operational practices will extend their lifespan and ensure safe flights.

- **Pre-Flight Check:** Before each flight, inspect all propellers for any signs of damage, cracks, bends, or debris. Even minor damage can affect flight stability and safety.
- **Balanced Flight:** Ensure all propellers are correctly installed and free from foreign objects to maintain drone balance during flight.
- **Environmental Factors:** Avoid flying in strong winds or near obstacles that could cause propeller strikes.

MAINTENANCE

Regular maintenance of your propellers will help preserve their condition and ensure consistent drone performance.

- **Cleaning:** Periodically clean propellers with a soft, dry cloth to remove dust, dirt, or debris. Avoid using harsh chemicals.
- **Storage:** Store spare propellers in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Replacement:** Replace propellers immediately if they show any signs of damage, such as cracks, chips, or significant bending. Flying with damaged propellers can lead to crashes and further damage to the drone.

TROUBLESHOOTING

If you experience issues after replacing propellers, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Drone unstable or vibrating during flight	Incorrect propeller installation (A/B mismatch), damaged propeller, loose propeller screws.	Verify correct A/B propeller placement. Inspect all propellers for damage and replace if necessary. Tighten all propeller screws.
Drone not taking off or flipping immediately	Propellers installed in wrong direction (e.g., all A-type on one side).	Double-check that each propeller is on its correct motor according to the drone's manual (A/B or CW/CCW).
Unusual noise from motors	Propeller rubbing against drone body, loose propeller, debris caught in motor.	Ensure propellers are not bent and have clearance. Check for loose screws. Clean motors and propellers.

Problem	Possible Cause	Solution
Reduced flight time or power	Damaged or worn propellers, propeller imbalance.	Replace any visibly damaged or excessively worn propellers. Ensure propellers are clean and free of debris.

SPECIFICATIONS

Product Name: le-idea 16 Pieces Propeller Set

Compatibility: le-idea Drone Models IDEA36, IDEA31P, IDEA16P

Quantity: 16 Propellers (8 pairs)

Dimensions (per propeller): Approximately 6.3 x 1.5 x 0.5 cm (2.48 x 0.59 x 0.2 inches)

Weight (total for set): Approximately 20 grams

Material: Durable composite plastic

ASIN: B0C1KF3J7W

WARRANTY AND SUPPORT

- le-idea stands behind the quality of its products.
- Warranty:** These propellers come with a **a6-month warranty** from the date of purchase. This warranty covers manufacturing defects.
 - Customer Support:** If you have any questions regarding the product, installation, or require assistance, please do not hesitate to contact le-idea customer support. We are committed to resolving any issues you may encounter.
 - Contact Information:** Please refer to the contact details provided on the le-idea official website or your purchase documentation for the most up-to-date support channels.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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