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BEZGAR S152

BEZGAR S152 Brushless RC Plane with Camera Instruction Manual

Model: S152

INTRODUCTION

Welcome to the world of aerial adventure with your new BEZGAR S152 Brushless RC Plane. This remote-controlled aircraft is designed for both beginners and experienced pilots, offering stable flight, impressive stunts, and a dual-camera system for capturing breathtaking views. Featuring a 6-axis gyroscope for precision stability, LED navigation lights for night flights, and a durable EPP foam body, the S152 provides an engaging and robust flying experience.



Image: The BEZGAR S152 Brushless RC Plane in a dynamic flight pose, showcasing its sleek design and vibrant LED lights.

WHAT'S IN THE BOX

Your BEZGAR S152 package includes the following components:

- BEZGAR S152 RC Plane
- Remote Control Transmitter
- 1 x Lithium Ion Battery (included)
- USB Battery Charger
- Spare Propellers
- Small Screwdriver
- User Manual



FPV
CAMERA



FPV
Transmission



720P
HD

Image: A detailed view of the BEZGAR S152 RC Plane, highlighting its FPV camera, FPV transmission capabilities, and 720p HD video resolution.

SETUP

1. Charge the Aircraft Battery

Before first use, fully charge the included Lithium Ion battery using the USB charger. Connect the battery to the charger and plug the charger into a USB power source. The indicator light on the charger will typically change or turn off once charging is complete.

2. Install Aircraft Battery

Carefully slide the charged battery into the designated battery compartment on the underside of the aircraft. Ensure it is securely connected to the aircraft's power port. Close the battery compartment cover.

3. Install Remote Control Batteries

Open the battery compartment on the back of the remote control. Insert 3 AAA batteries (not included), ensuring correct polarity. Close the compartment securely.

4. Attach Landing Gear (Optional)

If desired for ground takeoffs and landings, gently push the landing gear struts into the designated slots on the underside of the aircraft until they click into place.

5. Attach Tail Fins

Locate the tail fins and slide them into the corresponding slots at the rear of the aircraft. Ensure they are firmly seated.

6. Pairing the Remote Control

1. Place the aircraft on a flat, level surface.
2. Turn on the aircraft's power switch. The LED lights on the aircraft will begin to flash.
3. Turn on the remote control.
4. Push the left throttle stick all the way up, then all the way down. The remote will beep, and the aircraft's LED lights will become solid, indicating successful pairing.



Image: The BEZGAR S152 RC Plane in flight, with icons highlighting its ease of use for kids and beginners,

including One Key Start/Landing, Headless Mode, and Altitude Hold.

OPERATING INSTRUCTIONS

1. Basic Flight Controls

- **Takeoff:** Press the One-Key Takeoff button on the remote, or gently toss the aircraft forward while simultaneously increasing throttle.
- **Landing:** Press the One-Key Landing button, or slowly decrease throttle until the aircraft lands.
- **Altitude Hold:** The 6-axis gyroscope technology allows the drone to maintain a stable altitude, making it easier to control.
- **Directional Control:** Use the right joystick to control forward, backward, left, and right movement.

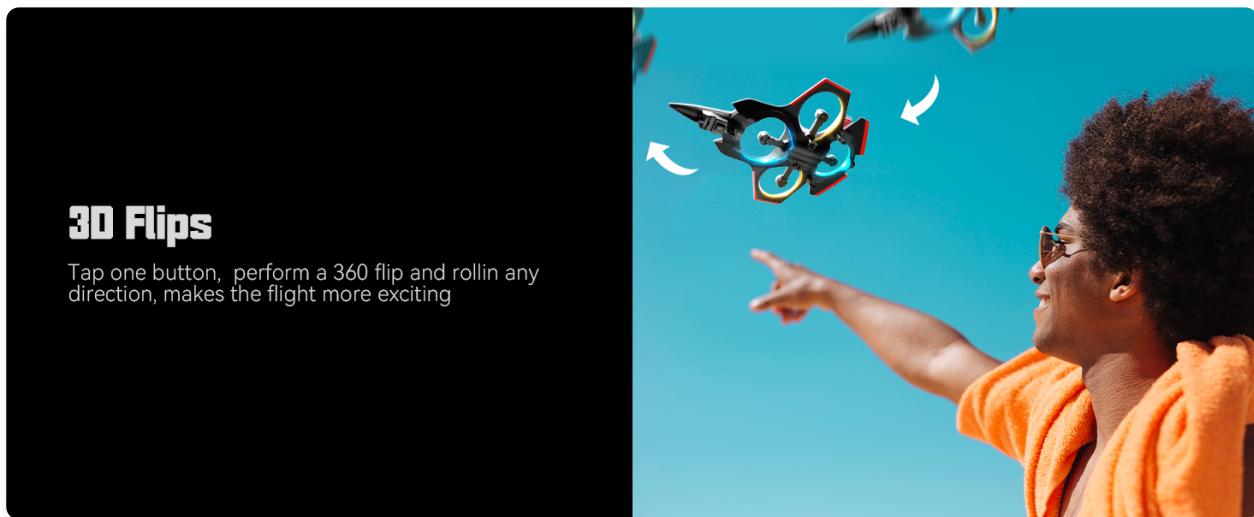


Image: The BEZGAR S152 RC Plane performing a One Key Takeoff/Landing, ascending automatically from a marked spot.

2. Advanced Maneuvers

- **360° Flip:** Press the 360° Flip button on the remote control, then push the right joystick in any direction to perform an exciting aerial flip.
- **Headless Mode:** Activate Headless Mode for simplified control, where the aircraft's orientation is irrelevant to the control inputs.
- **Speed Adjustment:** Use the speed adjustment button to cycle through different flight speeds (e.g., low, medium, high) to match your skill level and environment.



Image: The BEZGAR S152 RC Plane executing a 360° flip, demonstrating its stunt capabilities.

3. Camera Operation

The BEZGAR S152 features a dual-camera system (top-mounted and bottom-facing) for versatile aerial photography and video recording. Download the dedicated mobile app (refer to the manual for QR code/app name) to view live FPV (First Person View) footage and control camera functions directly from your smartphone. The app allows you to capture photos and videos from unique perspectives.

Colorful LED Navigation Lights

Image: A visual representation of the BEZGAR S152's dual camera system, highlighting its ability to capture photos and videos from both front and bottom angles.

4. Flight Environment

This RC plane is suitable for both indoor and outdoor use. For optimal performance and safety, choose an open area free from obstacles, people, and animals. Avoid flying in strong winds or adverse weather conditions.



Image: The BEZGAR S152 RC Plane demonstrating its versatility by flying in both an indoor room and an outdoor grassy area.

5. Official Product Videos

BEZGAR Drones for Kids 2.4GHZ RC Plane 6-axis Gyro Airplane

Your browser does not support the video tag.

Video: This video provides an overview of the BEZGAR RC Plane's features, including its 2.4GHz remote control and 6-axis gyroscope for stable flight. Duration: 1 minute 5 seconds.

How about this RC plane?

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Video: A demonstration of the RC plane's flight capabilities and maneuverability. Duration: 1 minute 21 seconds.

Stunt Remote Control Plane Drone for Kids

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Video: This video showcases the stunt capabilities of the RC plane, including 360° flips. Duration: 28 seconds.

BEZGAR Brushless Drones for Kids | 2.4GHZ RC Plane

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Video: A comprehensive look at the BEZGAR Brushless RC Plane, highlighting its design and flight performance. Duration: 59 seconds.

RC Plane with Camera

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Video: This video demonstrates the camera functionality of the RC plane, showing live footage from the air. Duration: 34 seconds.

RC Airplane with Camera

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Video: A detailed review and flight demonstration of the RC Airplane with Camera. Duration: 5 minutes 32 seconds.

MAINTENANCE

1. Propeller Replacement

If a propeller is damaged, use the included screwdriver to carefully remove the old propeller. Align the new propeller with the motor shaft and gently push it into place until it is secure. Ensure the propeller spins freely without obstruction.

2. Battery Care and Charging

Always use the provided USB charger for the aircraft battery. Do not overcharge or leave batteries unattended during charging. Store batteries in a cool, dry place away from direct sunlight and heat. If the aircraft will not be used for an extended period, charge the battery to approximately 50% before storage.

TROUBLESHOOTING

- **Aircraft not responding:** Ensure both the aircraft and remote control are powered on and successfully paired. Check battery levels for both devices.
- **Unstable flight:** Perform a calibration by placing the aircraft on a level surface and following the calibration procedure in the full user manual. Check for damaged propellers and replace if necessary.

- **Short flight time:** Ensure the battery is fully charged. Battery performance may decrease over time; consider replacing with a new battery if flight time significantly reduces.
- **Camera not working:** Ensure the mobile app is correctly installed and connected to the aircraft's Wi-Fi. Check for sufficient storage space on your smartphone.

SPECIFICATIONS

Feature	Detail
Product Dimensions	16 x 12 x 3 inches
Item Weight	1.39 pounds
Item Model Number	S152
Manufacturer Recommended Age	8 years and up
Batteries	1 Lithium Ion batteries required. (included)
Control Frequency	2.4GHZ
Stabilization System	6-axis Gyroscope
Flight Time	Over 15 minutes per battery
Camera System	Dual-Camera (top-mounted and bottom-facing)
Material	EPP Foam