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› [VOLANTEXRC TrainStar 500mm Brushless RC Plane Instruction Manual - Model EXA76804](#)

VOLANTEXRC EXA76804

VOLANTEXRC TrainStar 500mm Brushless RC Plane Instruction Manual - Model EXA76804

Comprehensive instruction manual for the VOLANTEXRC TrainStar 500mm Brushless Remote Control Airplane (Model EXA76804), covering setup, operation, maintenance, troubleshooting, and specifications.

1. SAFETY INFORMATION

Before operating your VOLANTEXRC TrainStar 500mm RC Plane, please read and understand all safety instructions. Failure to do so may result in injury or damage to the product.

- **Adult Supervision:** Always operate the RC plane under adult supervision, especially for users under 14 years of age.
- **Flight Environment:** Fly in open, clear areas away from people, animals, buildings, power lines, and trees. Avoid flying in strong winds or adverse weather conditions.
- **Battery Safety:** Use only the provided batteries and charger. Do not overcharge or short-circuit batteries. Store batteries in a cool, dry place. Disconnect batteries when not in use.
- **Propeller Safety:** Keep hands, face, and loose clothing away from the rotating propeller. The propeller can cause serious injury.
- **Pre-Flight Check:** Always perform a pre-flight check to ensure all components are securely attached and functioning correctly.
- **Water Exposure:** Avoid contact with water. The electronic components are not waterproof.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- VOLANTEXRC TrainStar 500mm RC Plane (Model EXA76804)
- Remote Control Transmitter
- 2 x Nonstandard Battery (Li-Po)
- USB Charging Cable
- Spare Propeller
- Product Manual
- Landing Gear Set



Image: Contents of the VOLANTEXRC TrainStar 500mm RC Plane package, including the plane, remote, batteries, charger, and spare propeller.

3. SETUP AND ASSEMBLY

The VOLANTEXRC TrainStar 500mm RC Plane is Ready-To-Fly (RTF), requiring minimal assembly.

- 1. Install Landing Gear:** Gently attach the main landing gear to the designated slots on the underside of the fuselage. Ensure they are securely in place.
- 2. Charge Batteries:** Connect the provided Li-Po batteries to the USB charging cable and plug into a suitable USB power source. The indicator light on the charger will show charging status (e.g., red for charging, green for charged).
- 3. Install Transmitter Batteries:** Open the battery compartment on the back of the remote control transmitter and insert 4 AA batteries (not included). Close the compartment securely.
- 4. Connect Flight Battery:** Open the battery compartment on the underside of the aircraft. Connect a fully charged Li-Po battery to the aircraft's power connector. Secure the battery within the compartment.
- 5. Power On:** Turn on the remote control transmitter first, then power on the aircraft. The aircraft and transmitter

should automatically bind. If not, refer to the binding instructions in the detailed product manual.



Image: The underside of the aircraft, highlighting the landing gear attachment points and the battery connection area.

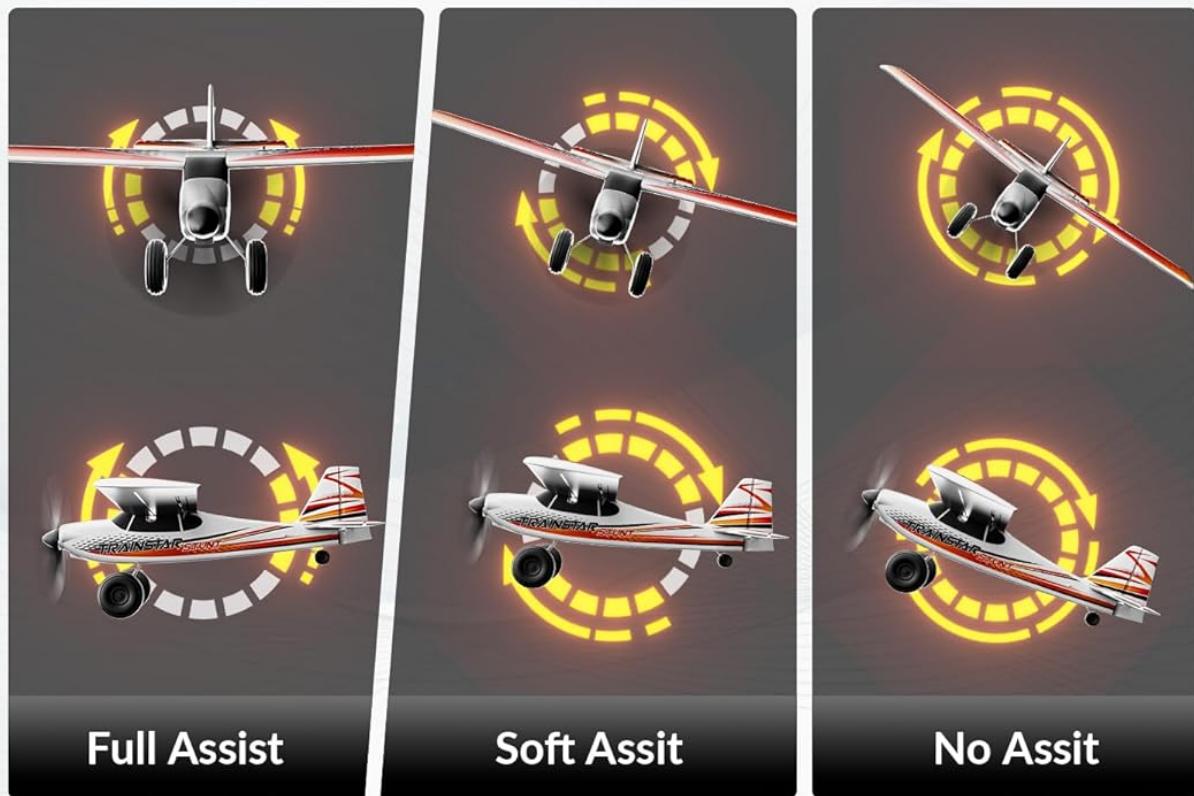
4. OPERATING INSTRUCTIONS

The TrainStar 500mm features the Xpilot gyro stabilizer system with three flight modes to accommodate various skill levels.

4.1 Flight Modes (Xpilot Stabilization System)

Switch between modes using the designated button on the transmitter:

- **Beginner Mode:** Provides full assist with restricted control angles, ideal for new pilots.
- **Intermediate Mode:** Offers soft assist with increased control angles, suitable for pilots gaining confidence.
- **Expert Mode:** No assist, allowing full manual control for experienced pilots to perform advanced maneuvers.



XPILOT STABILIZATION SYSTEM

No panic just enjoy flying with XPILOT assist.

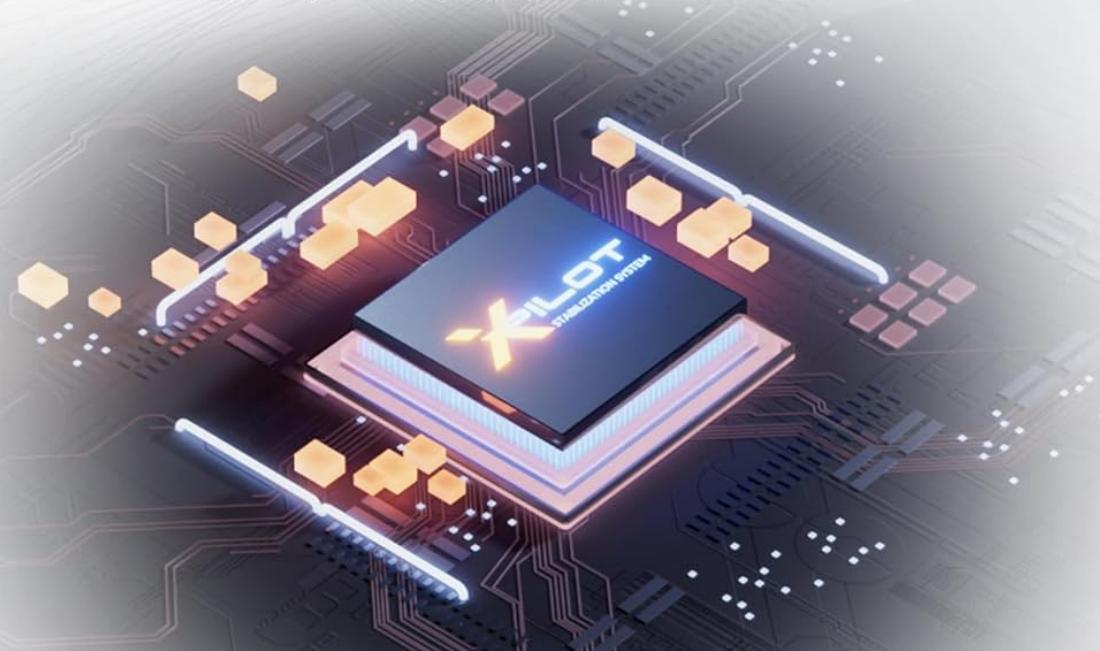


Image: Visual representation of the Xpilot stabilization system with Beginner, Intermediate, and Expert flight modes.

4.2 One-Button Functions

The aircraft supports advanced one-button operations for ease of use:

- **One-Key Takeoff:** Press the designated button for automatic takeoff to a certain altitude.
- **One-Key Aerobatics:** Press the button to perform automatic rolls or flips.
- **Return-to-Home:** Activates an automatic return function.
- **Airplane Search:** Assists in locating the plane if it goes out of sight.



Image: The RC plane executing an acrobatic maneuver, demonstrating the one-button stunt function.

4.3 Remote Control and Alarms

The 2.4GHz remote control offers a range of up to 656 feet with strong anti-interference capabilities. It includes safety features:

- **Low Battery Alarm:** Alerts the pilot when the aircraft battery is low, prompting a return.
- **Over-Range Alarm:** Notifies the pilot if the aircraft is approaching the maximum control range, helping prevent loss of signal.

Your browser does not support the video tag.

Video: A tutorial demonstrating how to control a 3-channel RC plane, providing general guidance applicable to basic flight maneuvers.

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Video: A flight demonstration of the VOLANTEXRC P51D Mustang RC plane, showcasing its flight capabilities and stability.

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Video: Another flight demonstration of the VOLANTEXRC P51D Mustang, highlighting its performance in the sky.

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Video: A flight demonstration of a Brushless 4CH RC Airplane (F4U model), illustrating general flight characteristics of a similar aircraft type.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RC plane.

- **Propeller Care:** The propeller is designed to flick out upon impact, protecting itself and the motor. Inspect the propeller for damage after any hard landing or collision. Replace with a spare if necessary.
- **Cleaning:** Wipe down the aircraft with a soft, dry cloth after each use to remove dirt or debris. Avoid using harsh chemicals.
- **Storage:** Store the aircraft and batteries in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect the battery from the aircraft during storage.
- **Battery Longevity:** Do not fully discharge Li-Po batteries. Charge them before storage if they are low.



Soaring Through The Air

Airplanes On Grass

Take Off Directly

Image: The propeller saver mechanism, designed to protect the propeller and motor during impacts.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Aircraft does not respond to transmitter.	Low battery in aircraft or transmitter; not bound; out of range.	Charge/replace batteries. Re-bind aircraft and transmitter. Fly within range.
Aircraft flies erratically or is difficult to control.	Strong winds; damaged propeller/control surfaces; incorrect trim settings.	Fly in calm conditions. Inspect and replace damaged parts. Adjust trim on transmitter. Ensure correct flight mode is selected.
Short flight time.	Battery not fully charged; old/damaged battery.	Ensure battery is fully charged. Replace old or damaged batteries.
Propeller not spinning.	Propeller jammed; motor issue; battery not connected.	Check for obstructions. Ensure battery is connected. Contact support if motor is faulty.

7. SPECIFICATIONS

- **Model:** EXA76804
- **Brand:** VOLANTEXRC
- **Product Dimensions:** 19.69 x 15.75 x 3.94 inches
- **Item Weight:** 1.95 pounds
- **Recommended Age:** 14 years and up
- **Batteries:** 2 Nonstandard Battery batteries required (included)
- **Motor Type:** Brushless
- **Control Channels:** 4 CH
- **Stabilization:** 6-Axis Gyro (Xpilot system)
- **Remote Control Frequency:** 2.4GHz
- **Approximate Flight Time:** Up to 30 minutes (with 2 batteries)



AIRPLANE SIZE

Perfect size for pilots to carry and fly
in the park, field or elsewhere.

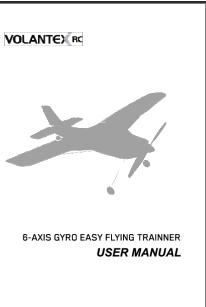
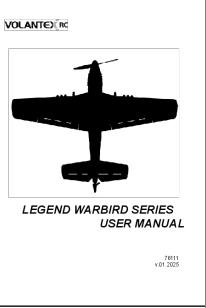
Image: The physical dimensions of the VOLANTEXRC TrainStar 500mm RC Plane.

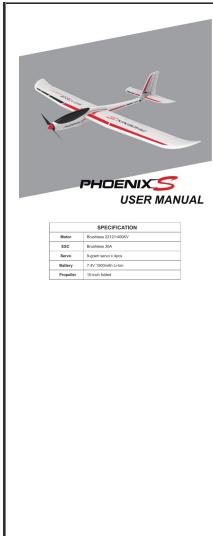
8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact the manufacturer, EXHOBBY, or visit the official VOLANTEXRC store.

- **Manufacturer:** EXHOBBY
- **VOLANTEXRC Store:** [Visit Store](#)

Related Documents - EXA76804

 6-AXIS GYRO EASY FLYING TRAINER USER MANUAL	<p><u>VolantexRC Trainstar Mini User Manual - 6-Axis Gyro Easy Flying Trainer</u> Comprehensive user manual for the VolantexRC Trainstar Mini, a 6-axis gyro assisted RC airplane designed for beginners. Includes safety, setup, charging, operation, and maintenance instructions.</p>
 LEGEND WARBIRD SERIES USER MANUAL <small>76111 v01 2025</small>	<p><u>VolantexRC Legend Warbird Series 76111 User Manual - RC Airplane Guide</u> Comprehensive user manual for the VolantexRC Legend Warbird Series RC airplane, model 76111. Includes setup, charging, safety, operation, troubleshooting, and maintenance instructions for this sophisticated hobby product.</p>
 LEGEND WARBIRD SERIES USER MANUAL <small>76105 v01 2025</small>	<p><u>VolantexRC Legend Warbird Series User Manual 76105</u> Comprehensive user manual for the VolantexRC Legend Warbird Series RC aircraft (model 76105), detailing safety, setup, operation, charging, and maintenance for optimal flight.</p>
 LEGEND WARBIRD SERIES USER MANUAL <small>76111 v01 2025</small>	<p><u>Volantex RC Legend Warbird Series User Manual</u> Comprehensive user manual for the Volantex RC Legend Warbird Series (Model 76111), covering setup, operation, safety precautions, battery usage, transmitter functions, and maintenance for this hobby-grade RC airplane.</p>



[VolantexRC PhoenixS 742-7 RC Airplane Instruction Manual](#)

Comprehensive guide to setting up, operating, and maintaining the VolantexRC PhoenixS 742-7 RC Glider, including safety precautions, charging instructions, and flight tips.



[VolantexRC Legend Warbird Series User Manual](#)

Comprehensive user manual for the VolantexRC Legend Warbird Series remote control toy airplane, covering safety precautions, battery usage, setup, operation, and maintenance.