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## GoolIRC FX635

# GoolIRC FX635 RC Airplane Instruction Manual

Model: FX635 | Brand: GoolIRC

## 1. INTRODUCTION

The GoolIRC FX635 RC Airplane is a high-fidelity, two-channel remote control aircraft scaled down from the F35 warplane. Designed for ease of use, it features a built-in 3-axis gyroscope for flight self-stabilization, making it suitable for both beginners and experienced enthusiasts. Constructed from lightweight and durable EPP and ABS materials, this foam glider offers good stability and resilience. The 2.4Ghz remote control ensures interference-free operation, providing a smooth and enjoyable flying experience.



Image 1.1: The GoolRC FX635 RC Airplane with its remote control.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- GoolRC FX635 RC Airplane
- 2.4Ghz Remote Control Transmitter
- Rechargeable Lithium Battery (quantity may vary)
- USB Charging Cable
- Spare Propellers
- Landing Gear Set
- Instruction Manual



Image 2.1: All components included in the GoolRC FX635 RC Airplane package.

### 3. SETUP

#### 3.1. Battery Installation and Charging

**Aircraft Battery:** Locate the battery compartment on the underside of the aircraft. Connect the rechargeable lithium battery to the aircraft's power connector. Ensure a secure connection. To charge the aircraft battery, use the provided USB charging cable. Connect the battery to the charging cable, and then plug the USB end into a compatible USB power source (e.g., computer, USB wall adapter). The charging indicator will show the charging status (refer to charger for specific light indications). Disconnect once fully charged.

**Remote Control Batteries:** The remote control requires 2 AA batteries (not included). Open the battery compartment on the back of the remote control and insert the batteries, observing the correct polarity (+/-). Close the compartment securely.

#### 3.2. Assembly

The GoolRC FX635 is designed for quick assembly. Attach the landing gear to the designated slots on the underside of the fuselage. Ensure they are firmly in place. The propellers are pre-installed; however, if replacement is needed, carefully attach new

propellers to the motor shafts, ensuring correct orientation.



Image 3.1: Underside view of the aircraft showing the battery compartment and propellers.



Image 3.2: Remote control with the battery compartment open for AA battery insertion.

## 4. OPERATING INSTRUCTIONS

### 4.1. Pairing the Remote Control

1. Ensure the aircraft battery is connected and the aircraft is powered on.
2. Turn on the remote control by pressing the power button. The indicator light on the remote will flash.
3. Move the throttle stick (left stick) all the way up, then all the way down. The remote control will beep, and the indicator light will become solid, indicating successful pairing.

### 4.2. Flight Controls

The FX635 features a two-channel control system:

- **Left Stick (Throttle):** Controls ascent and descent. Push up to increase power and climb, pull down to decrease power and descend.
- **Right Stick (Direction):** Controls left and right turns. Move left to turn left, move right to turn right.

The built-in 3-axis gyroscope assists in stabilizing the aircraft, making it easier to maintain level flight, especially for beginners.



Image 4.1: Remote control layout showing throttle and direction controls.

### 4.3. Take-off and Landing

**Take-off:** Place the aircraft on a flat, open surface. Slowly increase the throttle. As the aircraft gains speed, it will lift off. Alternatively, you can hand-launch the aircraft by gently throwing it forward while simultaneously increasing throttle.

**Landing:** Gradually reduce the throttle to decrease altitude. Guide the aircraft towards a clear landing area. For a smooth landing, maintain a slight forward momentum until the landing gear touches down, then fully reduce throttle.

Video 4.1: Demonstration of the GoolRC FX635 RC Airplane in flight, showcasing its maneuverability and stability.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GoolRC FX635 RC Airplane.

- Cleaning:** After each flight, gently wipe down the aircraft with a soft, dry cloth to remove any dirt or debris. Avoid using harsh chemicals.
- Propeller Inspection:** Regularly check the propellers for any damage (cracks, bends). Damaged propellers can affect flight performance and stability. Replace them with spare parts as needed.
- Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge the battery. If the aircraft will not be used for an extended period, charge the battery to approximately 50% before storage.
- Material Care:** The EPP foam material is durable but can be damaged by strong impacts. Inspect the fuselage for any tears or dents. Minor damage can often be repaired with appropriate foam-safe adhesive.

## 6. TROUBLESHOOTING

If you encounter issues with your GoolRC FX635 RC Airplane, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Aircraft does not respond to remote control.	Not paired, low remote battery, low aircraft battery.	Ensure proper pairing (Section 4.1). Replace remote batteries. Charge aircraft battery.
Aircraft flies erratically or is unstable.	Damaged propeller, strong wind, gyroscope malfunction.	Inspect and replace damaged propellers. Fly in calm conditions. If issue persists, contact support.
Aircraft does not take off.	Insufficient throttle, low battery, damaged propellers.	Increase throttle gradually. Charge aircraft battery. Check and replace propellers.
Short flight time.	Battery not fully charged, aging battery.	Ensure battery is fully charged. Consider replacing the battery if it's old.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	FX635
Product Dimensions	14.17 x 10.83 x 3.15 inches
Item Weight	11.3 ounces
Control Channels	2 Channel
Remote Control Frequency	2.4Ghz
Stabilization System	3-Axis Gyroscope
Material	EPP and ABS
Manufacturer Recommended Age	16 years and up
Remote Control Batteries	2 AA batteries (not included)

340mm

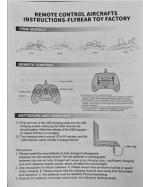


Image 7.1: Diagram illustrating the dimensions of the GoolRC FX635 RC Airplane.

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or the official GoolRC website. Keep your purchase receipt as proof of purchase for any warranty claims.

## Related Documents - FX635

	<p><a href="#"><u>JIKEFUN RC Aircraft Instructions and Operation Guide</u></a></p> <p>Comprehensive instructions and operational guide for JIKEFUN RC remote control aircraft, covering setup, flight, charging, and troubleshooting for models like FX635, FX620, FX622, and FX623.</p>
	<p><a href="#"><u>Product Reviews and Buying Guides: Jump Starters, Apparel, Costumes, and More</u></a></p> <p>Explore comprehensive product reviews and buying guides for various consumer items, including automotive essentials like jump starters and air compressors, men's fashion apparel, and popular costumes, curated by The Amazing Bees.</p>