

FLY RC T Plug

FLY RC T Plug On-Off Power Switch User Manual

Model: T Plug

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your FLY RC T Plug On-Off Electric Power Switch. This switch is designed for use with RC model airplanes, drones, cars, ESCs, and batteries, offering a convenient method for power control. Please read this manual thoroughly before installation and operation.

2. SAFETY INFORMATION

- Always ensure the power source is disconnected before connecting or disconnecting the switch to prevent electrical shorts or damage.
- Verify correct polarity when connecting the switch to your RC components. Incorrect polarity can cause severe damage to the battery, ESC, or other electronics.
- Do not exceed the specified current and voltage ratings of the switch. Overloading can lead to overheating, component failure, or fire.
- Keep the switch and wiring away from moving parts, high temperatures, and moisture.
- This product is not a toy. Keep out of reach of children.
- If the switch or wiring appears damaged, do not use it. Replace with a new, undamaged unit.

3. PACKAGE CONTENTS

- 1 x FLY RC T Plug On-Off Electric Power Switch

4. SPECIFICATIONS

Feature	Detail
Connector Type	T Plug (Deans style)
Wire Gauge	14AWG Soft Silicone

Wire Length	Approximately 30cm (11.8 inches) total, with 15cm (5.9 inches) on each side of the switch.
Operation Mode	ON-OFF
Contact Type	Normally Open
Circuit Type	1-way
Number of Positions	2 (ON/OFF)
Actuator Type	Toggle (Electrical)
Contact Material	Copper
Compatible Devices	RC Model Airplane, Drone, Car, ESC, Battery

5. SETUP AND INSTALLATION

Follow these steps to properly install the power switch into your RC model's power system:

- 1. Identify Connection Points:** The switch has two T-plug connectors. One end connects to your RC battery, and the other connects to your Electronic Speed Controller (ESC) or other power-consuming component.
- 2. Ensure Power Off:** Before making any connections, ensure that your RC battery is disconnected and all power sources are off.
- 3. Connect to Battery:** Connect the male T-plug connector of the switch to the female T-plug connector of your RC battery. Ensure a secure and firm connection.
- 4. Connect to ESC/Device:** Connect the female T-plug connector of the switch to the male T-plug connector of your ESC or the device you wish to power.
- 5. Secure Wiring:** Route the wires neatly and secure them using cable ties or similar methods to prevent them from interfering with moving parts or being damaged during operation.
- 6. Mount the Switch:** Mount the toggle switch in an accessible location on your RC model. The switch features a threaded shaft and nut for panel mounting.



Image 1: Overview of the FLY RC T Plug On-Off Power Switch, showing the toggle switch and connected T-plug wires.

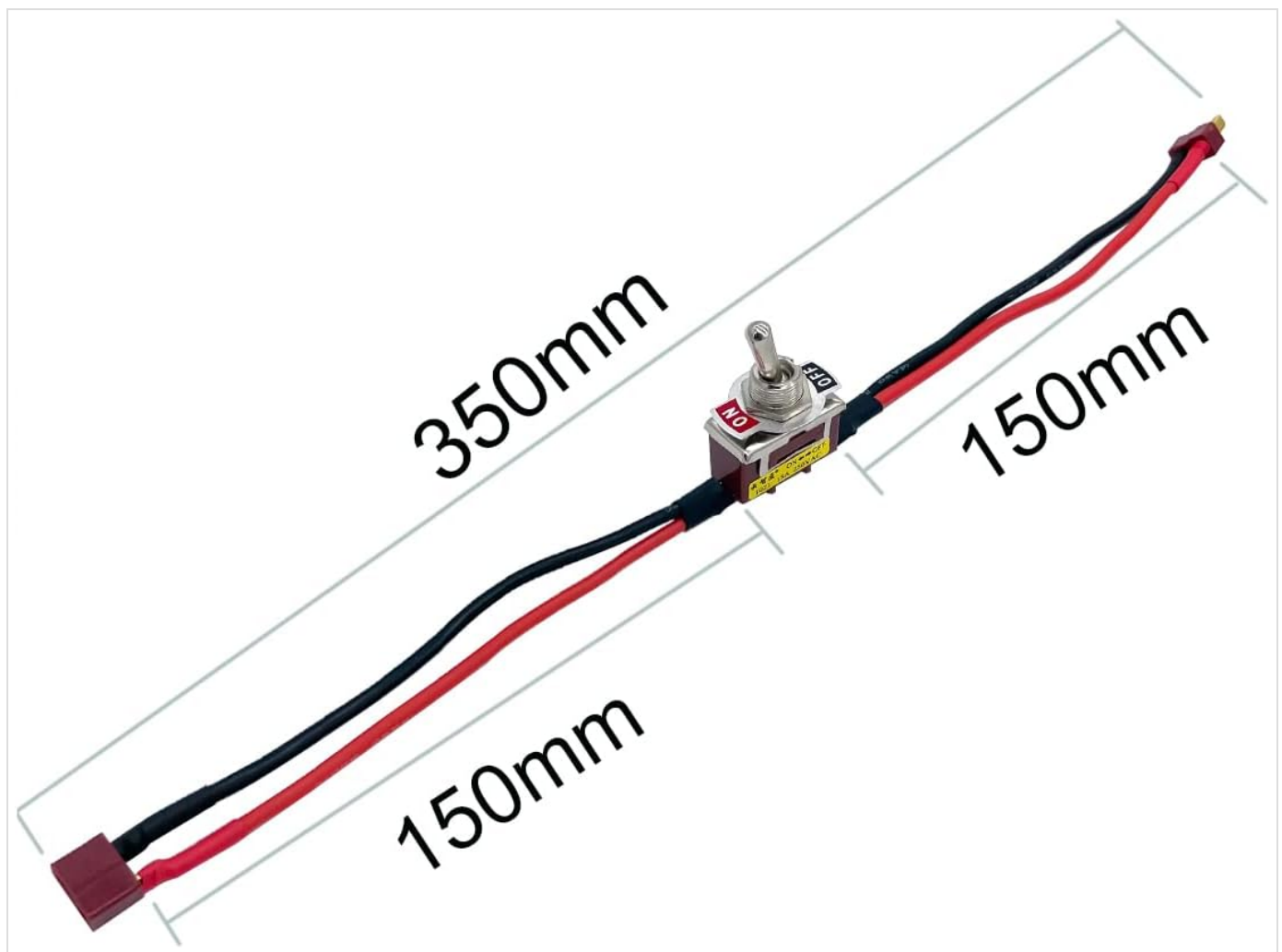


Image 2: The power switch with indicated wire lengths: 150mm on each side of the switch, totaling 300mm (approximately 11.8 inches).

6. OPERATION

Operating the FLY RC T Plug On-Off Power Switch is straightforward:

- **To Turn On:** Flip the toggle switch lever to the "ON" position. This will supply power from the battery to your connected RC components.
- **To Turn Off:** Flip the toggle switch lever to the "OFF" position. This will cut off power from the battery to your connected RC components.



Image 3: A close-up view of the toggle switch, clearly showing the "ON" and "OFF" indicators for easy operation.

7. MAINTENANCE

The FLY RC T Plug On-Off Power Switch requires minimal maintenance:

- **Regular Inspection:** Periodically inspect the switch and wiring for any signs of wear, fraying, or damage.
- **Cleanliness:** Keep the switch free from dirt, dust, and moisture. Use a dry, soft cloth for cleaning if necessary.
- **Connection Integrity:** Ensure that the T-plug connections remain tight and free of corrosion.

8. TROUBLESHOOTING

If you encounter issues with your power switch, consider the following:

- **No Power to Device:**
 - Ensure the switch is in the "ON" position.
 - Check that the battery is charged and properly connected.
 - Verify all T-plug connections are secure and free from debris.
 - Inspect the wiring for any breaks or shorts.
- **Intermittent Power:**
 - Check for loose connections at the T-plugs or within the switch housing.
 - Ensure the switch lever is fully engaged in either the ON or OFF position.
- **Switch Overheating:**
 - This may indicate an overload. Ensure the current draw of your RC components does not exceed the switch's rating.

- Discontinue use immediately and investigate the cause.

9. WARRANTY AND SUPPORT

FLY RC products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the official FLY RC website or contact your retailer. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Details

Submit question