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Flysky GT3B

Flysky FS-GT3B 2.4Ghz 3 Channel RC Transmitter + FS-GR3E Receiver User Manual

Model: FS-GT3B

PRODUCT OVERVIEW

The Flysky FS-GT3B is a 3-channel 2.4Ghz radio control system designed for RC cars and boats, offering reliable and precise control. It comes paired with the FS-GR3E receiver, ensuring seamless communication. This system is known for its advanced AFHDS (Automatic Frequency Hopping Digital System) technology, which provides excellent anti-jamming capabilities and high receiving sensitivity, ensuring a stable connection during operation. The transmitter features an intuitive LCD screen for easy navigation and adjustment of various settings.



Figure 1: Flysky FS-GT3B Transmitter and FS-GR3E Receiver. This image displays the complete package, including the 3-channel transmitter, the compact FS-GR3E receiver, the antenna tube, and the code matching line.

SETUP GUIDE

Package Contents

- 1 x Flysky FS-GT3B Transmitter
- 1 x Flysky FS-GR3E Receiver
- 1 x Antenna Tube
- 1 x Code Matching Line

Battery Installation

The FS-GT3B transmitter requires 8 x 1.5V AA batteries (not included). Open the battery compartment cover on the back of the transmitter and insert the batteries, ensuring correct polarity. Close the cover securely.

Receiver Connection and Binding

The FS-GR3E receiver is a 3-channel unit. Connect your steering servo to Channel 1 and your Electronic Speed Control (ESC) to Channel 2. The ESC provides power to the receiver and controls the direction (forward/reverse) and speed of your RC vehicle.



Figure 2: Flysky FS-GR3E Receiver. This image shows a close-up of the FS-GR3E receiver, highlighting its channel ports and binding button.

To bind the transmitter and receiver:

1. Ensure the transmitter is turned off.
2. Insert the code matching line (bind plug) into the 'BIND/CH3' port on the receiver.
3. Connect power to the receiver (e.g., via the ESC). The receiver's LED should flash rapidly.
4. While holding down the 'BIND' button on the transmitter, turn on the transmitter.
5. The receiver's LED should become solid, indicating successful binding.
6. Release the 'BIND' button on the transmitter, then turn off both the transmitter and receiver.
7. Remove the code matching line from the receiver.
8. Turn on the transmitter first, then the receiver. The system should now be bound and ready for use.

Setup and Binding Demonstration Video

Video 1: Flysky FS-GT3B RC Transmitter with FS-GR3E Receiver. This video provides a visual guide on setting up and binding the Flysky FS-GT3B transmitter with its FS-GR3E receiver, demonstrating the connection process and initial configuration steps.

OPERATING INSTRUCTIONS

Transmitter Controls

- **Steering Wheel:** Controls the direction of your RC vehicle (left/right).
- **Throttle Trigger:** Controls the speed and direction (forward/reverse) of your RC vehicle. Pull for forward, push for reverse.

- **LCD Screen:** Displays various settings and parameters.
- **Buttons/Dial:** Used for navigating menus and adjusting settings on the LCD screen.

LCD Display and Menu Navigation

The FS-GT3B features a multi-data computerized display that allows for precise adjustments. Use the buttons and rotary dial to navigate through the menu options.



Figure 3: Flysky FS-GT3B LCD Screen. This image provides a clear view of the transmitter's LCD screen, showing the various parameters and settings that can be adjusted.

Key menu functions include:

- **MODEL:** Select and manage different model profiles.
- **NAME:** Assign a custom name to each model profile.
- **TRIM:** Adjust the neutral position of steering and throttle.
- **D/R (Dual Rate):** Adjust the maximum travel of steering and throttle.
- **REV (Reverse):** Reverse the direction of a channel's output.
- **EXP (Exponential):** Adjust the sensitivity of control inputs around the center point.
- **E. POINT (End-Point Adjustment - EPA):** Limit the maximum value of each direction for each channel. Useful for limiting steering angle and car speed.
- **ABS (Anti-lock Braking System):** Provides pulsed braking for improved control during hard braking.

SPECIFICATIONS

Transmitter (FS-GT3B)

Feature	Specification
Channels	3
Mode Type	Car / Boat
RF Range	2.4-2.48GHz
Band Width	500KHz

Feature	Specification
Band	160
RF Power	Less than 20dBm
2.4G System	AFHDS
Code Type	GFSK
Sensitivity	1024
Low Voltage Warning	Yes (less than 9V)
DSC Port	3.5mm (output: PPM)
ST Range	90 degrees (L: 45, R: 45)
TH Range	45 degrees (F: 30, B: 15)
Charger Port	Yes
Power	12V (8 * 1.5V AA batteries, not included)
Display	LCD Screen
Weight	395g / 13.9oz
ANT Length	2.6cm / 1in
Size	Approx. 15.5 * 12.5 * 18.5cm / 6.1 * 4.9 * 7.2in

Receiver (FS-GR3E)

Feature	Specification
Channels	3
Model Type	Car / Boat
Frequency	2.4-2.48GHz
Band Width	500KHz
Band	160
2.4G System	AFHDS
Code Type	GFSK
Sensitivity	1024
RF Receiving Sensitivity	-105dBm
Power	4.0-6.5V DC
Weight	5g / 0.1oz
ANT Length	2.6cm / 1in

MAINTENANCE

To ensure the longevity and optimal performance of your Flysky FS-GT3B system, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the transmitter and receiver with a soft, dry cloth. Avoid using harsh chemicals or solvents.
- **Battery Care:** Remove batteries from the transmitter if it will not be used for an extended period to prevent leakage and damage.
- **Storage:** Store the system in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.
- **Antenna:** Handle the antenna with care to avoid bending or breaking it. Ensure the receiver antenna is properly positioned for optimal signal reception.

TROUBLESHOOTING

If you encounter issues with your Flysky FS-GT3B system, consider the following common troubleshooting steps:

- **No Power/No Response:**
 - Check battery installation in the transmitter; ensure correct polarity and sufficient charge.
 - Verify the receiver is receiving power from the ESC or external battery.
 - Ensure both the transmitter and receiver are turned on.
- **Loss of Control/Interference:**
 - Re-bind the transmitter and receiver following the binding procedure in the Setup Guide.
 - Ensure no other 2.4GHz devices are operating nearby that could cause interference.
 - Check the receiver antenna for damage and ensure it is positioned correctly and not obstructed by metal parts.
 - Operate within the specified RF range.
- **Incorrect Steering/Throttle Response:**
 - Check the 'REV' (Reverse) setting for the affected channel on the transmitter's LCD screen. Adjust if the servo/ESC is moving in the opposite direction.
 - Adjust 'TRIM' settings to center the steering or throttle.
 - Verify servo/ESC connections to the correct receiver channels.
- **LCD Screen Issues:**
 - If the screen is dim or flickering, check battery levels.
 - If the screen is unresponsive, try turning the transmitter off and on again.

If problems persist after following these steps, consult the official Flysky support resources or contact their customer service.

WARRANTY AND SUPPORT

Specific warranty details for the Flysky FS-GT3B 2.4Ghz 3 Channel RC Transmitter and FS-GR3E Receiver are not provided in this manual. For information regarding warranty coverage, technical support, or service, please refer to the official Flysky website or contact the retailer from whom you purchased the product. Keep your proof of purchase for any warranty claims.

You can visit the official Flysky store for more information: [Flysky Store on Amazon](#)

