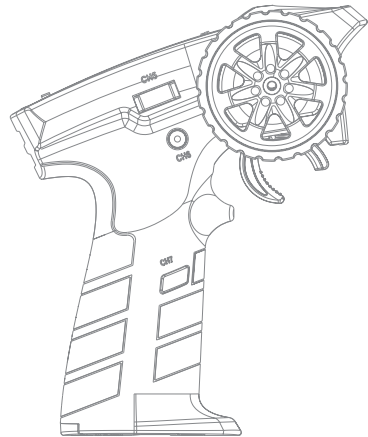


Quick Start Guide 快速操作指南

FS-MG7



FCC ID: 2A2UNMG700

Manufacturer: ShenZhen FLYSKY Technology Co., Ltd
Address: 16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China

FLYSKY

Thank you for purchasing the products of Flysky! To find out more about our products, visit our website at www.flysky-cn.com. If you encounter any problems during using, please refer to the manual first. If the problem is still not resolved, contact your local dealer directly or contact the customer service staff via Flysky official website.

Precautions

Read the safety messages listed below before operation!

- Do not use the product at night or during bad weather conditions, like rain or thunderstorms. It can cause erratic operation or loss of control.
- Do not use the product when visibility is limited.
- Do not expose the product to rain or snow. Any exposure to moisture (water or snow) may cause erratic operation or loss of control.
- Interference may cause loss of control. To ensure the safety of you and others, do not operate in the following places:



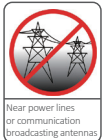
Near any sites where other radio control activity may occur



Near people or roads



On any pond/lake when passenger boats are present



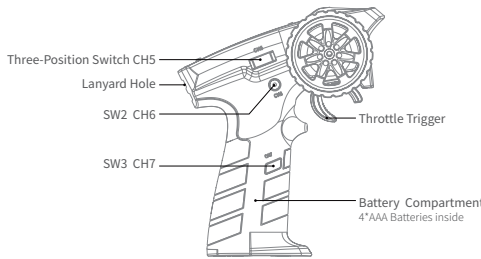
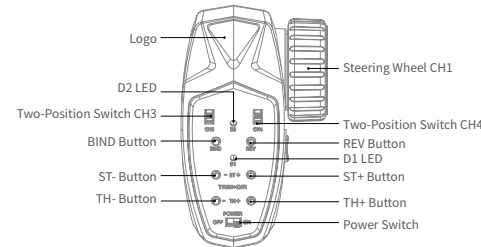
Near power lines or communication broadcasting antennas

- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large can block the RF signal and lead to loss of control.
- Never grip the transmitter antenna during operation. It significantly degrades signal quality and strength and may cause loss of control.
- Do not touch any part of the model that may generate heat during operation, or immediately after use. The engine, motor or speed control, may be very hot and can cause serious burns.
- Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions carefully.
- Make sure the product is properly installed in your model. Failure to do so may result in serious injury.
- Make sure that the receiver's battery is disconnected before turning off the transmitter. Failure to do so may lead to unintended operation and cause an accident.
- Ensure that all motors operate in the correct direction. If not, adjust the direction first.
- Make sure that the model stays within range in order to prevent loss of control.
- The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CAUTION!

- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Transmitter Overview



Basic Operations

▶ Install the AAA Battery

Follow the steps below to install the AAA batteries:

- Remove the battery compartment cover.
- Insert 4 fully-charged AAA batteries into the compartment. Make sure that the batteries are well set according to the polarities marked on the battery compartment.
- Replace battery compartment cover.

▶ Power on

Follow the steps below to turn on the transmitter:

- Check to make sure that the batteries are fully charged and installed correctly.
- Toggle the switch to the [ON] position. The LED indicator will be lit.

For safety, power on the transmitter first, then the receiver.

▶ Binding

The transmitter and receiver have been pre-bound before delivery. If you are going to rebind, follow the steps below to rebind. The transmitter supports two-way binding and one-way binding. The receiver will return information after the two-way binding is finished.

- Turn on the transmitter while pressing the BIND button, the transmitter will enter bind mode, at the time, the D1 LED flash fast in red.
- Put the receiver to enter bind mode.
- The binding process is completed when the LED of the receiver stops flashing and is solid on (The transmitter will exit the bind mode automatically).
- Check to make sure the transmitter and receiver are working correctly, if there are any issues or unexpected operation arise, follow the steps above to bind again.

Notes:

- When the binding mode is in two-way mode, you can change it through pressing the REV button and turning the steering wheel to the maximum travel position in clockwise direction, meanwhile, turn on the transmitter. Then the binding mode of the transmitter will change from two-way to one-way mode. At this time the D1 LED will flash in red and green alternately, and the buzzer prompts with one short beep. The same method as to change from one-way to two-way.
- If the transmitter enters bind mode with one-way mode, the LED of the receiver will be in slow flashing state. After the receiver LED becomes slow flashing, then put the transmitter to exit the binding state. At this time, the receiver LED is solid on, indicating the binding is successful.
- The binding steps may vary according to the receiver model. Visit the Flysky official website to check the manual of the receiver or other relevant information.

▶ Stick Calibration

To calibrate the Max/Min range of the throttle trigger and steering wheel. The transmitter is calibrated before leaving the factory, however if recalibration is required, please follow these steps:

- Turn the steering wheel to the maximum travel position in clockwise direction and push the trigger to the maximum travel position in forward direction, meanwhile, turn on the transmitter. The transmitter will enter stick calibration mode, and the buzzer will prompt will one short beep.

Digital Proportional Radio Control System FS-MG7

- Steering wheel calibration: Turn the wheel to the Max/Min travel endpoint in clockwise/ counterclockwise direction.
- Throttle Trigger calibration: Push/pull the trigger in forward/backward direction to the Max/Min travel endpoint.
- Press the BIND button to save and exit the calibration mode if the calibration is successful, meanwhile, the buzzer will prompt with short beep in cycle.

Note: If the calibration fails, it can not exit the calibration mode by pressing the BIND button.

▶ Failsafe

The failsafe function is used to output the channel value according to the out-of-control protection value set by the user after the receiver loses its signal and is out of control to protect the model and personnel. By default, the channel has no output in case of out-of-control.

Follow the steps below to set the failsafe when the transmitter is in normal working state.

Press and hold the BIND button over 3S to start the failsafe setting function, and the current output value will be set as the failsafe value in case of out-of-control.

Note: If the two-in-one receiver is connected to the transmitter, the motor channel has no output while other channels have normal output in case of out-of-control.

▶ Power Off

Follow the steps below to turn off the transmitter:

- Turn off the receiver first.
- Toggle the transmitter's power switch to the [OFF] position to turn off the transmitter.

- Make sure to disconnect the receiver power before turning off the transmitter. Failure to do so can result out of control. Unreasonable setting of the Failsafe may cause accidents.

Specifications

Product Name	FS-MG7	Input Power	4-9V DC/AAA*4
Adaptive RX	FS-RTD, RX with ANT protocol	Working Current	83mA/6V
Channels	7	Antenna	Built-in single antenna
RF	2.4GHz ISM	Online Update	No
Adaptive Models	Cars or boats	Temperature Range	-10°C ~ +60°C
Maximum Power	<20dBm (e.i.r.p.) (EU)	Humidity Range	20% ~ 95%
2.4GHz system	ANT	Color	Black
Resolution	4096	Dimension	120.5*72.6*145.2mm
Charging Jack	NO	Weight	134g
Distance	≥ 150m (Ground distance without interference)	Langages	Chinese, English
Low Voltage Alarm	AAA battery: <4.2V	Certifications	CE, FCC ID: 2A2UNMG700

Certifications

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must

accept any interference received, including interference that may cause undesired operation.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

EU DoC Declaration

Hereby, [Flysky Technology co., Ltd] declares that the Radio Equipment [FS-MG7] is in compliance with RED 2014/53/EU.

The full text of the EU DoC is available at the following internet address: www.flyskytch.com/info_detail/10.html

RF Exposure Compliance

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Environmentally Friendly Disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



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