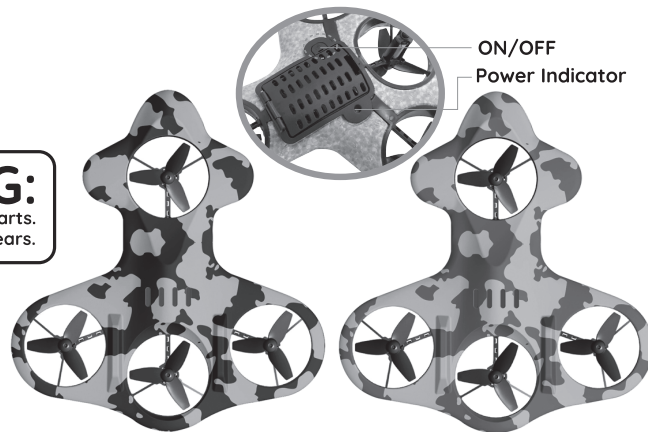


Jr.
SainSmart Jr.

MAMBA
Stunt Drone Dual Play mode

12+
ages

WARNING:
CHOKING HAZARD-Small parts.
Not for children under 3 years.



Safety Warning:
• To ensure safety, parents should read this User's Manual with children before start playing.
• To avoid injury, do not touch the product while flying or the propellers still move.
• Be careful to keep your body and loose clothing away from the propellers and motors.
Do not modify or change this product without authorization, or it may injury of your rights and interests for this product.

► Replace batteries in the transmitter:

1. Use a screwdriver to open the battery compartment
2. Insert three AAA batteries, matching the polarities marked inside
3. Use a screwdriver to close the battery compartment by clockwise.

► Replace the airplane battery

1. Open the battery compartment and pull out the battery.
2. Insert the plug and install battery inside.
3. Close battery compartment.

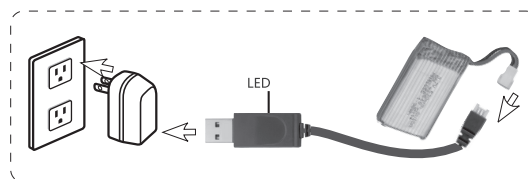
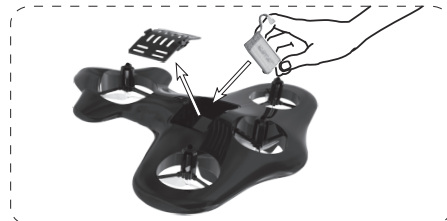
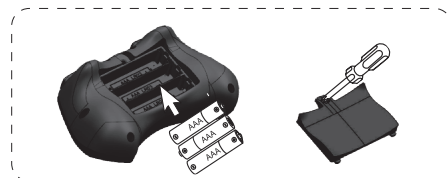
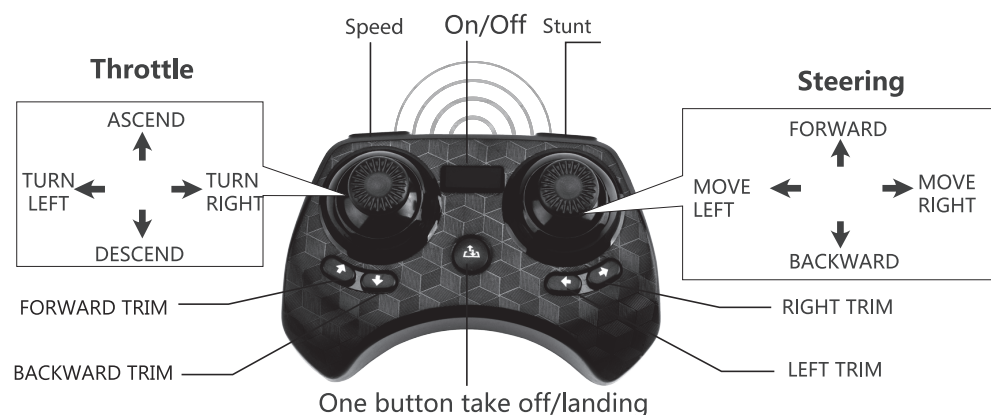
► Charge the Li-Polymer battery:

1. Connect the included USB charging cable to the 3.7V 530mAh Li-polymer battery and a USB power source, such as a laptop. The USB connector indicator LED light keeps off when charging is proceeding and keeps red once battery is full charged. Charging time is about 45 minutes.
2. Disconnect the USB charging cable when fully charged, do not attempt to over charge.

Caution:

- Use only the included charging cable to charge the rocket battery, other cable may damage the drone.
- Let the battery cool down before re-charging the Li-polymer battery.

► Transmitter operation specification:



► Get Ready to Fly

1. Press the On/Off button until the LED flashes.
 2. Place the airplane to level ground
 3. Press the On/Off button of transmitter, the LED flashes with a sound of beep.
 4. Move the throttle all the way up then back to middle position to pair the drone and transmitter. If pairing is a success, transmitter will beep 2 times and the LED on the body of both transmitter and drone stop flash and stays on.
- Note: If pair is failed, turn off drone and transmitter, repeat above steps, or move to another place to avoid electromagnetic interference.

► Fly Your Drone

1. After pairing, press the speed button to switch between high speed (3 beeps), normal speed (2 beeps) and low Speed (1 beep). First flights should be in normal or low speed before advancing to high speed.
2. Press () button one time, the drone will take off and hovering at a fixed height.
3. Move the throttle to forward and backward to control the drone ascend or descend, move the steering to control the flight direction.
4. Move the throttle left or right, the drone will turn left/right accordingly.
5. Press () button one time to land your drone.
6. Landing completed, turn off the drone and transmitter.

Caution: To avoid injury of the player or damage of the drone, do not move the throttle too fast.

Flip Stunt

1. Press stunt button, the remote controller will beep constantly.
2. Move the steering to perform flip stunt.
 - Front Flip: Move the steering forward.
 - Back Flip: Move the steering backward.
 - Left Flip: Move the steering left.
 - Right Flip: Move the steering right.
3. The drone will exit from flip stunt mode when finished flip, press the throttle can exit from flip stunt mode when pressed the flip button.

Note: * To avoid hit people or other objects, please ensure there is enough space for flip stunt performing

► Trim Your Drone

Push the throttle forward and observe how the drone reacts.

- Trim forward/backward: If the drone tends to move forward, press () until drone hover; if it tends to move backward, press () until drone hover.
- Trim left/right: If the drone tends to slide left, press () until drone hover, if it tends to slide right, press () until drone hover.

Note: The remote control beeps when you press a trim, beeps stop when reach maximum trim adjustment.

► Replace Damaged Propellers

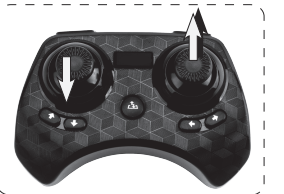
The *4* propellers are not identical. Each propellers is labeled with an A or B. When installing replacement propellers, be certain to install the A/B correspondingly. Take advantage of plier if the propellers cannot dismount by hand.

Warning: To avoid damage of people or plane, check propellers for gaps or breakage before flight. Ensure the propellers are firmly installed, replace propeller which has breakage. Only use provided propellers, do not modify the provided propellers.



► Calibration Your Drone

1. After pairing, put the drone on a level ground. Move the throttle backward and the steering forward at the same time and hold the two controls until the drone's LEDs flash for about three seconds.
2. When LEDs stop flashing, calibration is complete. After calibration, the drone should fly smoothly and hover in the air. If not, see trim your drone to trimming.



► Warning:

- Do not dispose the Li-Po battery of the product into fire or heat source.
- Keep the product away from the heat source, never throw the product into heat source or fire.
- Never place the product on a heat source surface.
- Keep the product in dry environment and cool environment.
- Use only provided USB cable. Charge the battery according to the way introduced in this manual.
- Do not use screw or other sharp-edged item to fix the Li-Po battery.
- Charge the Li-Po battery every 6 months.
- Turn off the power when do not use the product.

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Email: support@sainsmartjr.com

FCC Caution:

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.

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

Note: 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.

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