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sea jump X183

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Model: X183 | Brand: sea jump

1. INTRODUCTION

Thank you for purchasing the sea jump Remote Control Drone X183. This manual provides essential information for the safe operation, setup, and maintenance of your quadcopter. Please read this manual thoroughly before operating the drone to ensure proper function and to avoid damage or injury.

Safety Precautions:

- Always operate the drone in open areas, away from people, animals, and obstacles.
- Do not fly near airports, restricted airspace, or power lines.
- Ensure the battery is fully charged and securely installed before each flight.
- Perform pre-flight checks as outlined in this manual.
- Adult supervision is recommended for younger users.
- Do not modify the drone or its components.

2. PRODUCT OVERVIEW

The sea jump X183 is a portable remote control quadcopter featuring a BUILT-IN GPS Module and a 6-Axis Gyro system for stable and flexible flight. It includes a Headless mode and a Follow Me function, designed for an enhanced flying experience.

Key Features:

- Integrated GPS Module for precise positioning and intelligent functions.
- 6-Axis Gyro system for enhanced stability and control.
- Headless Mode for simplified orientation control.
- Follow Me Function for automatic tracking.

- Capable of Forward/backward, Sideward flight, Turn left/right, Up/down movements.
- Adjustable speed control and stable hovering capabilities.
- Durable ABS product material for stronger wind resistance.

Components:

Familiarize yourself with the main components of your X183 drone.



Figure 2.1: Front view of the sea jump X183 drone, showcasing its four propellers with protective guards, landing gear, and the central body housing the electronics.



Figure 2.2: Top-angled view of the X183 drone, highlighting the integrated GPS module on the top center of the drone's body and the "Follower X6" branding.



Figure 2.3: Overhead view of the X183 drone, showing the symmetrical layout of the four propellers, propeller guards, and the central body with its blue accents.

3. SETUP

Before your first flight, follow these steps to assemble and prepare your drone.

3.1 Battery Installation

1. Locate the battery compartment on the underside of the drone.
2. Open the battery compartment cover.
3. Insert the fully charged drone battery, ensuring the connectors are properly aligned.
4. Close the battery compartment cover securely.

Note: Drone batteries are not included and must be purchased separately. Ensure you use compatible batteries.

3.2 Propeller and Guard Installation

Attach the propellers and propeller guards as follows:

1. Identify the correct propellers (usually marked A and B) and match them to the corresponding motor shafts.
2. Gently push and twist the propellers onto the motor shafts until they are secure.
3. Attach the propeller guards to the drone's arms using the provided screws or clips. Ensure they are firmly in place to protect the propellers during flight.



Figure 3.1: Bottom view of the X183 drone, illustrating the attachment points for the propeller guards and the general underside structure.

3.3 Remote Control Setup

The remote control is included with your drone. Install 4x AA batteries (not included) into the remote control's battery compartment, observing correct polarity.

1. Open the battery cover on the back of the remote control.
2. Insert 4 AA batteries, matching the positive (+) and negative (-) terminals.
3. Close the battery cover.

3.4 Pairing and GPS Calibration

1. Place the drone on a flat, open surface outdoors, away from tall buildings or magnetic interference.
2. Power on the drone, then power on the remote control.
3. The drone's indicator lights will flash, indicating it is searching for a signal.
4. Perform the pairing sequence (refer to specific remote control instructions for stick movements, usually pushing the left stick up then down).
5. Once paired, the drone will begin GPS signal acquisition. Wait for the indicator lights to change, signifying a stable GPS lock (this may take a few minutes).
6. Perform GPS calibration as per the remote control's instructions (typically a series of rotations). This ensures accurate positioning.

4. OPERATING INSTRUCTIONS

This section details the basic flight controls and special functions of your X183 drone.

4.1 Basic Flight Controls

- **Take-off:** After GPS lock, press the one-key take-off button or slowly push the throttle stick up.

- **Landing:** Press the one-key landing button or slowly pull the throttle stick down.
- **Throttle (Up/Down):** Controls altitude. Push the left stick up to ascend, pull down to descend.
- **Yaw (Turn Left/Right):** Controls rotation around its vertical axis. Push the left stick left or right.
- **Forward/Backward:** Controls forward and backward movement. Push the right stick up or down.
- **Sideward Flight (Left/Right):** Controls lateral movement. Push the right stick left or right.
- **Hovering:** The 6-axis gyro and GPS module enable stable hovering. Release the sticks to allow the drone to maintain its position.

4.2 Special Functions

- **Headless Mode:** Activate Headless Mode to simplify flight orientation. In this mode, the drone's front direction is relative to the pilot, regardless of the drone's actual orientation. Refer to your remote control for activation.
- **Follow Me Function:** The intelligent following function utilizes the powerful GPS to capture your position precisely. Once activated, the drone will follow the remote control's location. Ensure a clear line of sight and sufficient distance for optimal performance. Refer to your remote control for activation.
- **Speed Control:** The drone features multiple speed settings. Use the speed control button on the remote to adjust flight speed according to your skill level and environmental conditions.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your X183 drone.

- **Cleaning:** After each flight, gently wipe the drone's body with a soft, dry cloth to remove dust and debris. Avoid using water or harsh chemicals.
- **Propeller Inspection:** Regularly check propellers for cracks, bends, or damage. Replace any damaged propellers immediately to maintain flight stability and safety.
- **Motor Care:** Keep motors free from dust and hair. Do not attempt to lubricate the motors unless specified by the manufacturer.
- **Battery Care:**
 - Always use the recommended charger for your drone battery.
 - Do not overcharge or over-discharge batteries.
 - Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
 - If storing for extended periods, charge batteries to approximately 50% capacity.
- **Storage:** When not in use, store the drone and remote control in a safe, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Refer to this section for solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or incorrectly installed.	Ensure battery is fully charged and correctly inserted. Check battery terminals.
Remote control does not respond.	Remote control batteries are low or incorrectly installed. Not paired.	Replace remote control batteries. Re-pair the drone and remote control.
Drone flies erratically or is unstable.	Propellers damaged or incorrectly installed. Gyro not calibrated. GPS signal weak.	Check and replace damaged propellers. Perform gyro calibration. Ensure strong GPS signal before flight.
GPS functions (e.g., Follow Me) are not working.	Weak GPS signal. GPS not calibrated.	Ensure drone has a strong GPS lock (indicator lights stable). Perform GPS calibration. Fly in an open area.
Drone drifts during flight.	Gyro not calibrated. Wind interference.	Perform gyro calibration. Avoid flying in strong winds.

7. SPECIFICATIONS

Feature	Detail
Brand	sea jump
Model	X183 (SKU: sku1517532)
Control Type	Remote Control
Age Range (Description)	Adult
Material	ABS
Are Batteries Included	No (for drone)
Remote Control Included?	Yes
UPC	628746305069
Manufacturer	China
Features	Built-in GPS Module, 6-Axis Gyro, Headless Mode, Follow Me Function, Speed Control, Hovering

8. WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your sea jump X183 drone, please contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase.

Manufacturer: China

Please refer to the packaging or product documentation for specific contact information.

