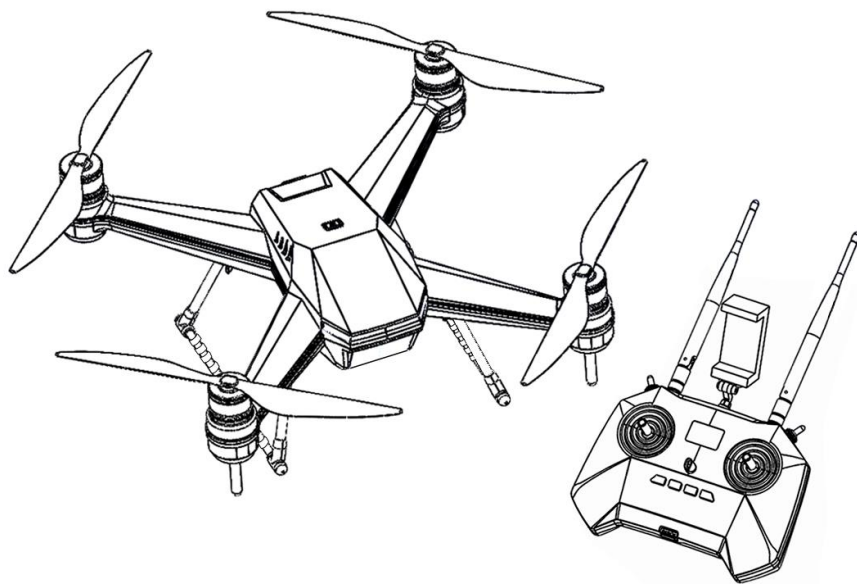




SMART FISHING DRONE

Quick Start Guide

V9:20220518



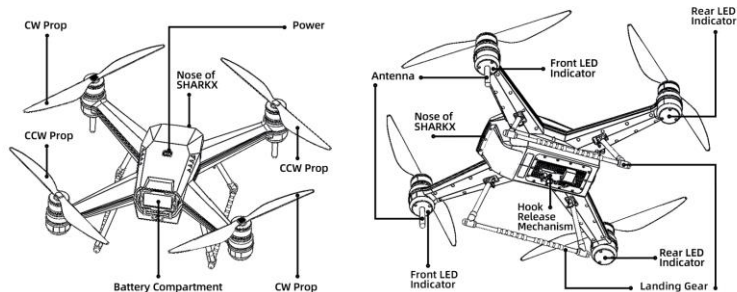
Download the Rippton App

Search for “Rippton” on the Google Play Store, Samsung Galaxy Apps or App Store to install the app on your mobile device or scan this QR code.

*****Notice** this manual is for the SharkX but also applicable to the SharkX Plus and the SharkX Pro. The SharkX is the basic model while the Plus and the Pro are upgraded versions so they include additional functions and features. Therefore, all the charts and graphics in this manual are just for a general reference and should be subject to actual applications and updates.

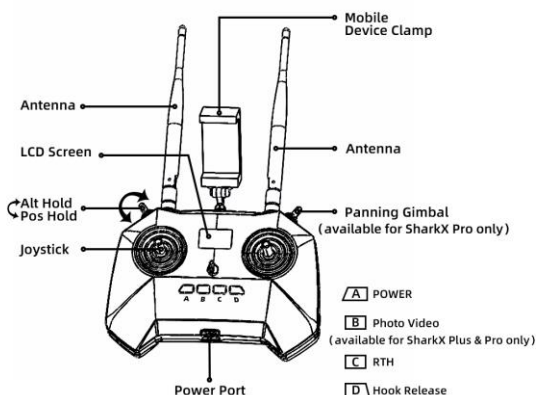
SHARKX

SHARKX is a professional smart fishing drone, which is capable of lifting up to **3 KG** baits over the water where you go fishing. Together with the use of the 'RIPPTON' App, SHARKX can fly to any fishing spots within a distance of **1 KM** away from the home point by tapping the GPS map on the 'Rippton' app, and all mission spots will be saved automatically after the missions have been completed.



Remote Control

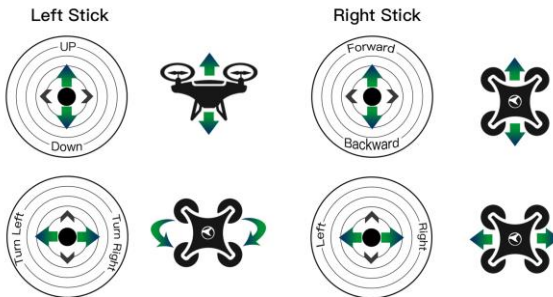
The remote control allows users to fly the SHARKX to as far as 1 KM, with the buttons and dials for power on/off, hook releasing and return to the home point.



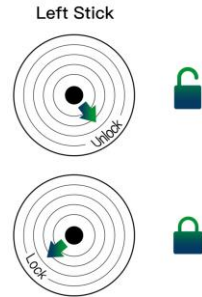
Controls

Using remote control joysticks for vertical and horizontal flying, and locking and unlocking the drone.

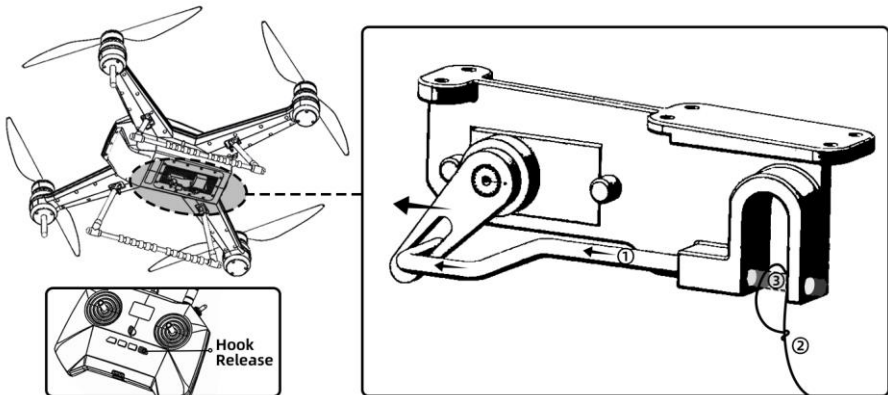
Control of drone while in the air



Starting & Stopping Motors

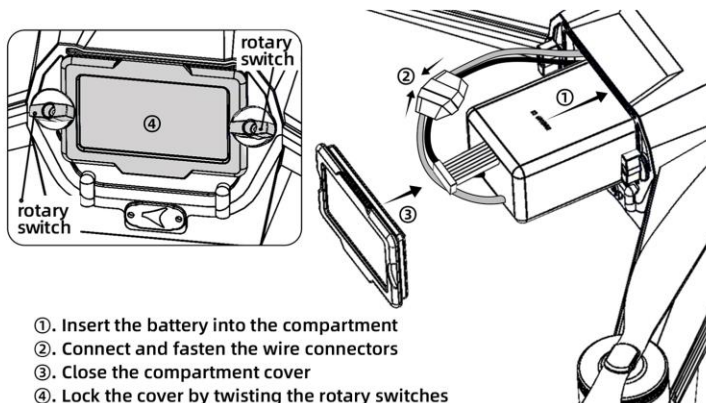


Using remote control to open and close the hook release mechanism



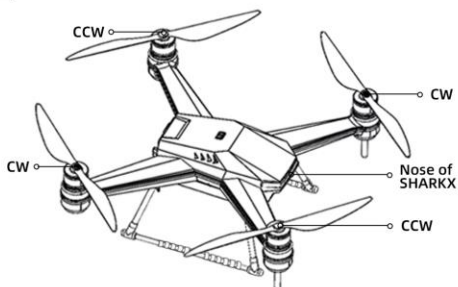
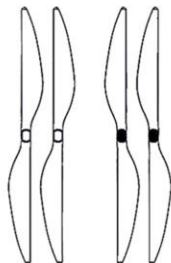
1. Press the 'Hook Release' button on the remote control to open the hook release mechanism.
2. Put the fishing line in the device.
3. Press the 'Hook Release' button on the remote control to close the hook release mechanism.

Installation of the SHARKX

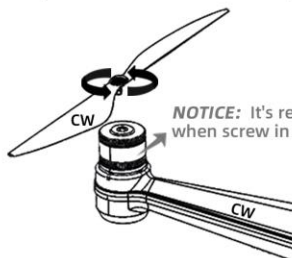


CCW Props

CW Props

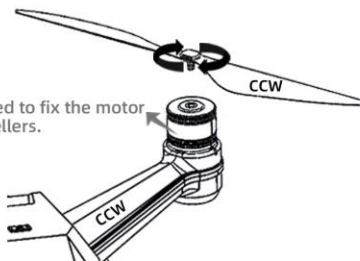


CW Propeller Installation



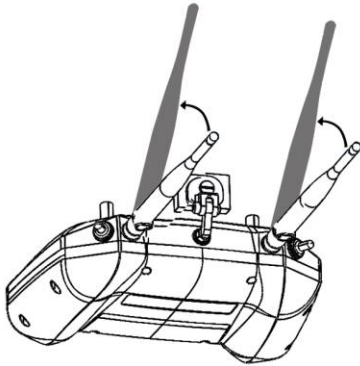
NOTICE: It's recommended to fix the motor when screw in the propellers.

CCW Propeller Installation

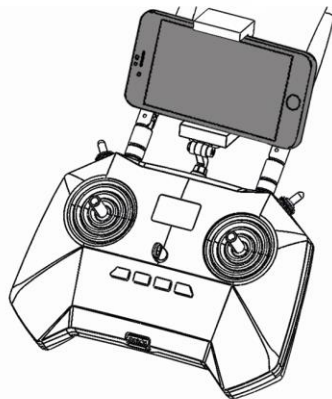


Preparation of the Remote Control

1. Tilt the antennas up.

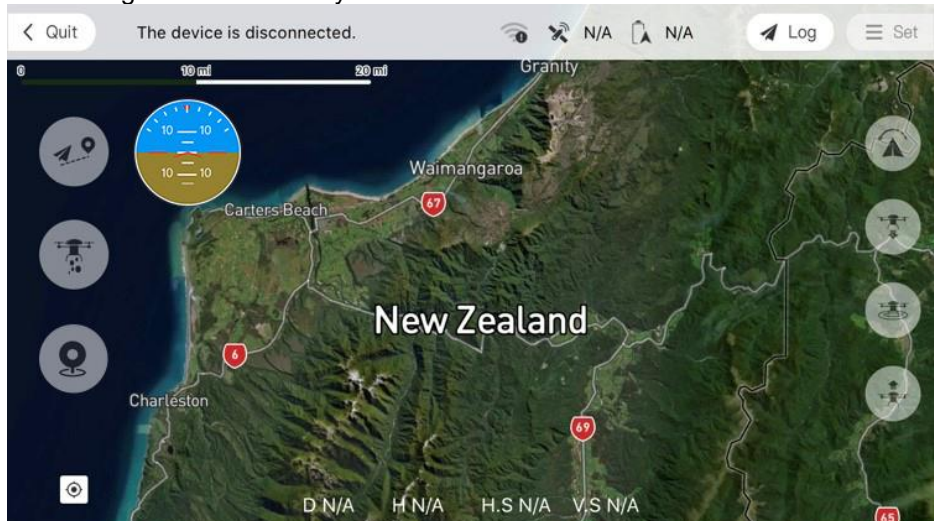


2. Fasten your mobile device securely to the clamp.



Preloading the Map on the App

When using the SHARKX in any new areas, it's always necessary to enter the 'Rippton' app with network connection and finish preloading the map before connecting the SHARKX to your mobile device.



Connect the SHARKX to Your Mobile Device

1. With the remote switched on, search SHARKX WI-Fi on your mobile device. The WI-Fi name is 'SharkX_xxxxxxxxxxxx'. And the original password is 12345678.



SharkX_xxxxxxxxxxxx

2. Enter RIPPTON App. Tap 'Device' on the home page.



3. Slide and find 'SharkX'.



4. Tap 'Enter'.



Notice before launching the SharkX, please make sure the satellite number is no less than 15, otherwise the drone will not take off successfully

Notice please do the calibration every time when you come to a new place, according to Section 4.5 of the User Manual.

Rippton App Function



Mission Selection Button
Select automatic releasing fishing line mission



RTH (Return to Home) Button
SHARKX will return to the home point and land on the ground



Release Switch Button
To open or close the hook release mechanism



Automatic Landing Button
SHARKX will land directly and stop its motors



Spot Marking
Mark a spot during the flight



Take-over Button
SHARKX will hover and switch to manual control



Current Location
Return to the current location



Automatic Take off Button
SHARKX will take off from the home point



Satellite Number
Indicate the number of satellites providing the signal



HOME Point
The position where the SHARKX takes off and returns to by default



Drone Battery Level
Indicate the current battery level of SHARKX



Attitude Indicator
Indicate the real-time attitude of SHARKX

Annotation of Different Spots on App



current mission spot



marked spot during flight

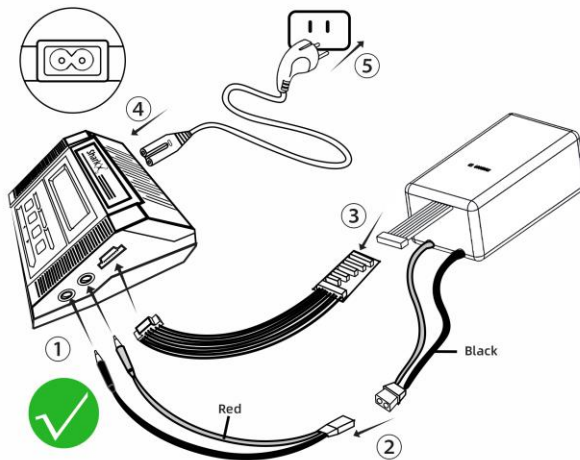


all historical mission spots

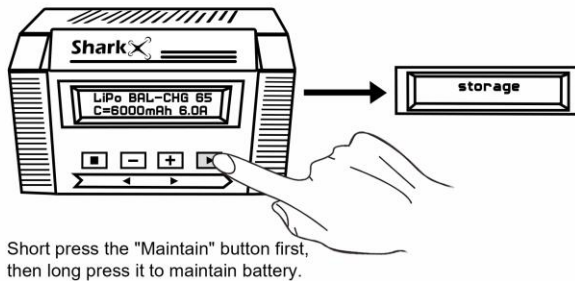
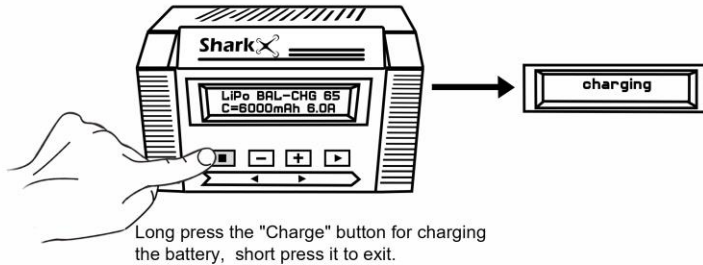


the latest historical mission spot

Charge the Drone Battery

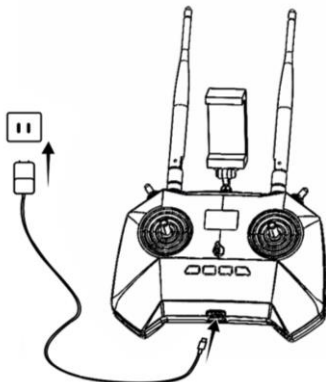


For safety concerns, please make sure the cables are connected with the adaptor first



It normally takes approx. 2 hours to fully charge the drone battery.

Charge the Remote Control



It normally takes approx. 3.5 hours to fully charge the remote control.

Notice regularly charge both the drone battery and remote control every two months to avoid the over-discharging, which may cause the batteries not to charge.

For more details about SHARKX Preface, Description of the Product, Preparation and Installation, Operation/Use, Maintenance, Troubleshooting and Repair, Disposal information etc., please refer to the User Manual.

To watch the video of installation, app operation process, compass & IMU calibration, please scan the QR code below



For more information about Rippton, please scan the QR code below



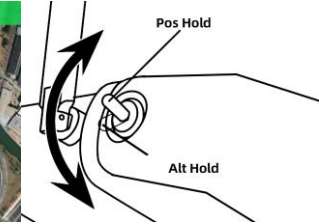
Useful Tips:

1. **How to use the RC to take over when the drone is controlled via the App?**

Two ALTERNATIVE ways of stopping the automatic mission execution:

- a. tap the "Take-over" icon on the flying control interface; OR

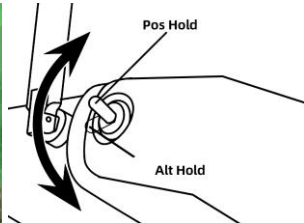
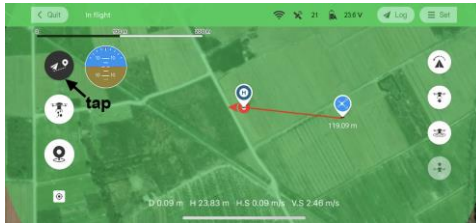
- b. toggle the lever to 'Alt Hold' and then back to 'Pos Hold' on the remote control.



2. How to interrupt the ongoing automatic mission execution and start a new mission?

Two ALTERNATIVE ways of stopping the automatic mission execution:

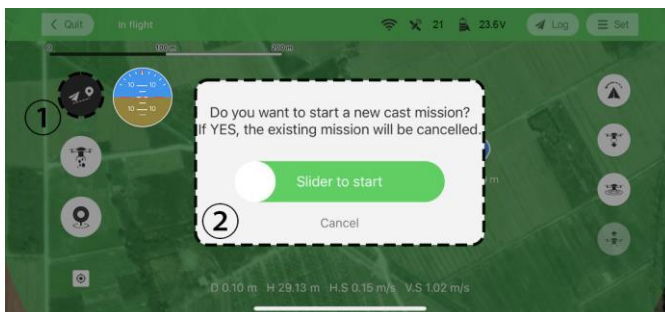
- tap the 'Mission Selection' icon on the flying control interface; OR
- toggle the lever to 'Alt Hold' and then back to 'Pos Hold' on the remote control.



Notice it's recommended not to tap any icon on the interface during the automatic mission execution unless you decide to start a new mission.

Start a new mission:

- tap 'Mission Selection' to start a new mission.
- slide to start.



Safety Notice

It's recommended to always keep the SHARKX within your visual range. Do not pull the fishing line if it got snagged with the drone. It may break the drone's balance.

Specifications

SHARKX Drone

Device Name	SHARKX Smart Fishing Drone
Weight	3.2 kg
Dimensions	480 x 480 x 215 mm (Propeller Closed)
Propeller	16 inches
Max Speed	10 m/s (36 km/h)
Max Payload	3.0 kg
Max Wind Resistance	10 m/s (36km/h)
Protection Level	Water Surface Floating
Operating Temperature	-10 °C to 40 °C
Operating Frequency	2400 ~ 2483.5 MHz
Transmitter Power (EIRP)	+20 dBm
Satellite Systems	GPS/GLONASS/GALILEO/BEIDOU
*Flying Time (Without Payload)	23 mins
*Suggested Casting Radius (With Payload)	0~1.0 km
Radio Technology	Wi-Fi Data Transmission Controller Spread Spectrum Wireless
Frequency Band	2.4 Ghz Wi-Fi Data Transmission 2.4 Ghz Controller Spread Spectrum Wireless
Operating Environment:	No trees; No obvious obstacles; No strong radio interference; No enroute area; No no-fly zone; Keep the drone within sight; Away from crowds.

SHARKX Remote control

LCD Screen	0.96 inches
Operating Frequency	2400~2483.5 MHz
Max Transmission Distance (Unobstructed, Free of Interference)	1 km

SHARKX Battery

Capacity	6,000 mAh
Battery Type	LI – PO