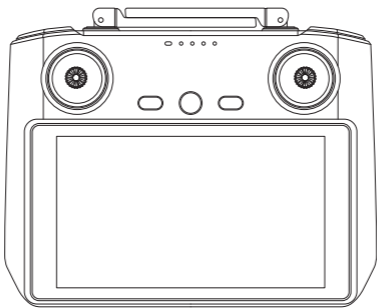




RC243A

User Manual Gebrauchsanweisung

V 1.0



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Reading Guidance

Icon

“⚠️” essential precautions.

“💡” tips for operation and usage.

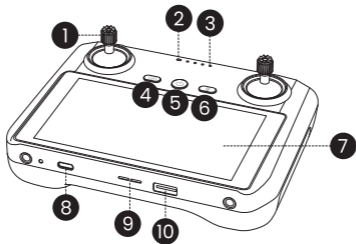
Access tutorial Videos

To ensure you're using the product safely and correctly, scan the QR code below to view our tutorial videos.



We are committed to continuously improving user experience and reserve the right to update products. This manual may be revised without prior notice. Scan the QR code to access the latest version. In case of discrepancies between digital and printed editions, the electronic version shall prevail.

1.1 Overview >>



1 Control Sticks

Use the control sticks to control the movement of the drone. The control sticks are removable and easy to store.

2 Status LED

Solid Red for disconnecting the drone; Solid Green for connecting the drone.

3 Battery Level LEDs

Displays the current battery level of the transmitter.

4 Speed Switch/Cruise Control

Short press to switch the flight speed;
Long press to enter the cruise control.

5 Power Switch

Press once to check the current battery level;
Press, and then press and hold to turn on/off the transmitter.

6 Return to Home/GPS Mode Switch

Short press it to GPS Return to Home(RTH);
Press for 3 seconds to enter the Altitude Mode.

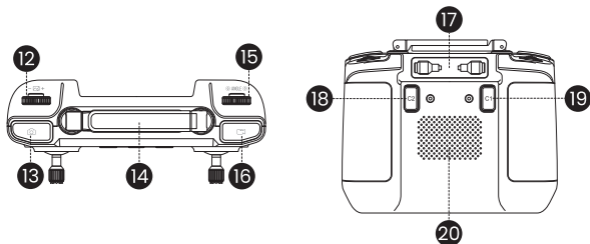
7 Touchscreen

9 Speaker: Outputs sound.

8 Charging port (USB-C)

10 TF card slot

1.1 Overview >>



12 Zoom Dial

13 Take Photo

14 Antennas

15 Camera Adjustment Dial
Adjusting the angle of camera up and down.

16 Record Video

17 Storage Slots for Joysticks

18 Customizable C2 Button

Once the transmitter is connected to the drone, the user can view and set the function of the button in the app settings.

19 Customizable C1 Button

Once the transmitter is connected to the drone, the user can view and set the function of the button in the app settings.

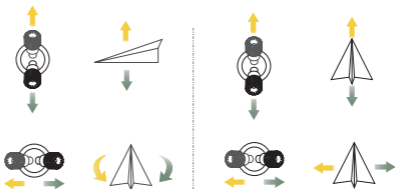
20 Air Vent

Used for heat dissipation. Do not block the air vent during usage.

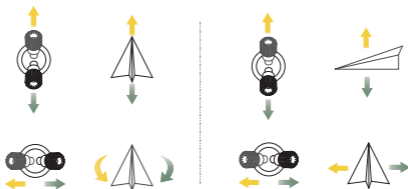
1.2 Joystick Mode >>





Mode 2:



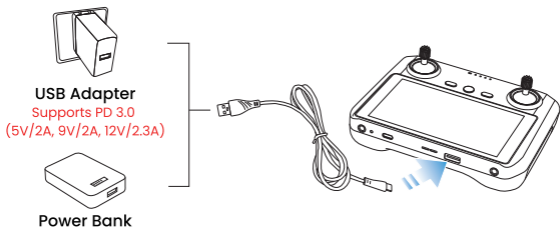
Mode 1:



The default control mode of the transmitter is Mode 2. In this manual, Mode 2 is used as an example to illustrate how to use the control sticks.

· Switch Mode 1: Hold the () button, short press the () button of the transmitter once, then hold the latter until the transmitter quickly beeps 2 times.

1.3 Charging

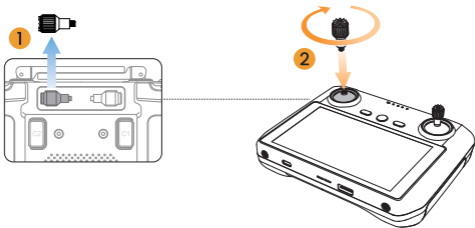


- 1 Insert the Type-C plug of the charging cable into the Type-C port of the transmitter.
- 2 Plug the other end of the cable into a USB adapter or power bank to start charging.
- 3 While charging, the battery indicators flash green continuously.
- 4 When fully charged, all four indicators stay solid green.

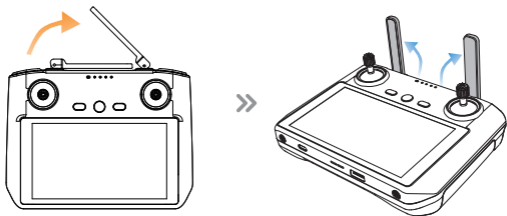
- ! Please use the original charging cable to charge the transmitter.
- The transmitter can be turned on while it is charging.

1.4 Mounting >>

1. Take the joysticks out of the storage slot and mount them onto the transmitter.



2. Unfold the antennas.



2.1 Controlling the Drone >>

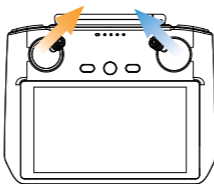
1. Pairing: Follow the steps below to pair the transmitter and the drone.

- 1 Power on the drone and the transmitter.
- 2 During pairing, the status LED of the transmitter is solid red.
- 3 The transmitter will beep, and its status LED will turn solid green to indicate pairing is successful.



- Make sure the transmitter is within 1.6 ft of the drone during the pairing.
- The transmitter will automatically unlink from a drone if a new transmitter is linked to the same drone.

2. Compass Calibration



Push both joysticks **towards the inner, upper corners** simultaneously to start the compass calibration.

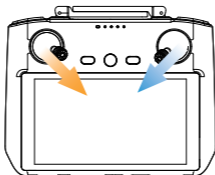


- DO NOT calibrate the compass in locations where magnetic interference may occur, such as close to magnetite deposits or large metallic structures such as parking structures, steel reinforced basements, bridges, cars, or scaffolding.
- DO NOT carry objects (such as mobile phones) that contain ferromagnetic materials near the drone during calibration.

2.1 Controlling the Drone >>

3. Unlocking the Motors

* **Starting the motors should be set before the drone take off.**



Push both of the joysticks simultaneously toward the inner, lower corners. The motors start to spin, the drone is unlocked.



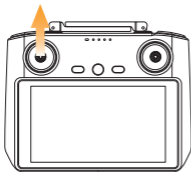
Locking the Motors:

1. Push both of the joysticks simultaneously toward the inner, lower corners, the motors stop is locked.
2. Pull down the throttle stick (Left joystick) for 2 seconds to cancel the motor unlocking.

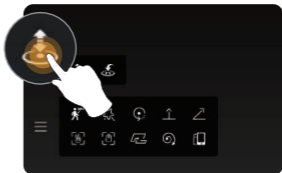
2.1 Controlling the Drone >>

4. Takeoff


Method 1:



Method 2:

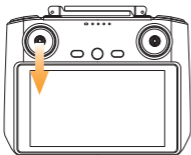


Method 1: Pull up the throttle stick (Left joystick) to take off.

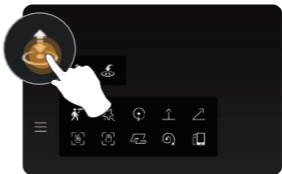
Method 2: Tap the () button and follow the prompts to take off.

5. Landing


Method 1:



Method 2:



Method 1: Pull down the throttle stick (Left joystick) to landing.

Method 2: Tap the () button and follow the prompts to land.

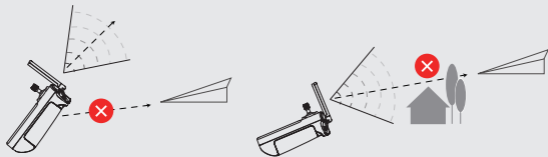
2.2 Optimal Transmission Zone >>

When operating the drone, it's important to periodically adjust the orientation and distance between the transmitter and the drone to ensure that the drone always remains within the optimal communication range.

Optimal Reception Range:



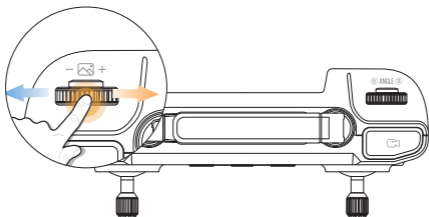
Weaker Signal:



- ⚠ · DO NOT use other wireless devices operating at the same frequency as the transmitter. Otherwise, the transmitter will experience interference.
- A prompt will be displayed in APP if the transmission signal is weak during flight. Adjust the antennas to make sure that the drone is in the optimal transmission range.

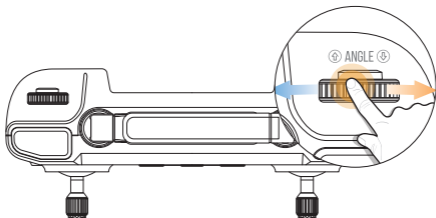
3.1 Flight Functions >>

Zoom



To zoom in, scroll the zoom dial (- ⊕) to the right. To zoom out, scroll the zoom dial to the left.

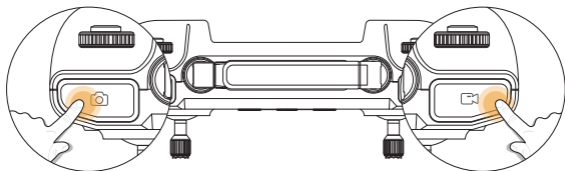
Camera Dial



Adjust the camera angle by scrolling the camera adjustment dial (⊕ ANGLE ⊕).



3.1 Flight Functions >>


Photo/Video



Photo

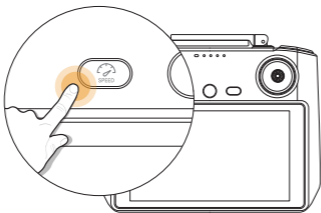
Video


- 1 Short press the () button to take a photo.
- 2 Short press the () button to start recording; press it again to stop recording.

 During the recording, the "Take Photo" function is disabled.

3.1 Flight Functions >>

Speed Switch

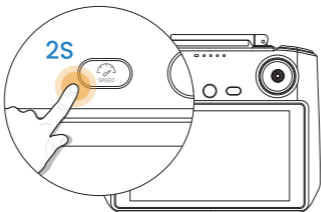


Supports three speed levels. Short press the () button once to switch speed.



The normal mode is the default setting.

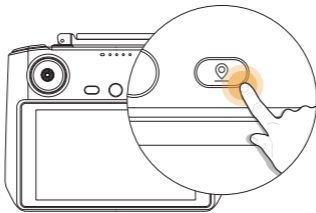
Cruise Control




If your drone supports cruise control, you can enter Cruise Mode by long-pressing the () button.

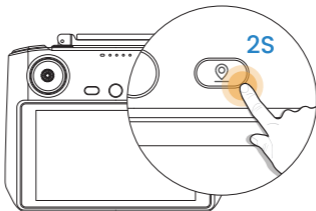
3.1 Flight Functions >>


Return to Home



Short press the () button to activate Smart RTH. The drone will fly back to the last recorded Home Point. Short press the same button again to exit Smart RTH.

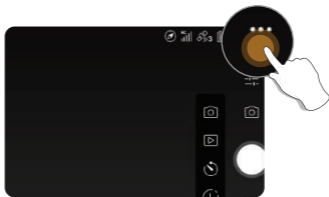
GPS Mode Switch



If the GPS signal is weak, or if you plan to fly the drone indoors, press and hold the () button on the transmitter for 2 seconds to exit GPS mode for a proper takeoff.

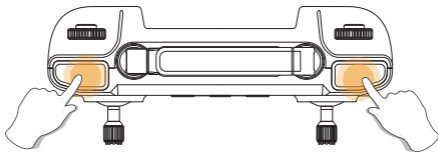
3.1 Flight Functions >>



Customizable Buttons



Custom Button Settings (C1 Button and C2 Button): After connecting the transmitter to the drone, go to the video transmission interface > Settings > Control > Custom Buttons to view and set the function of this button.

Emergency Stop





Hold the () Button and the () Button for 3 seconds to use Emergency Stop.

















The Emergency Stop function should only be used in case of emergency during the flight to avoid any damage or injury.

3.2 Transmitter LEDs >>

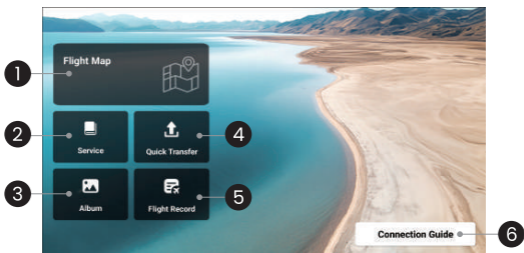
Status LED and Battery Level LEDs Description

Status LED	Description
 Solid red	Transmitter signal lost/unpairing
 Solid green	Paired

Battery Levels LEDs

LED1	LED2	LED3	LED4	Battery Level
				76%-100%
				51%-75%
				26%-50%
				0%-25%

3.3 Touchscreen >>



1. Flight Map

Tap to enter the map view.

2. Service

Online support and feedback.

3. Album

View drone album and transmitter media files.

4. Quick Transfer

Quickly transfer media from the transmitter to your phone.

5. Flight Record

View flight records, use Find My Drone, and download logs.

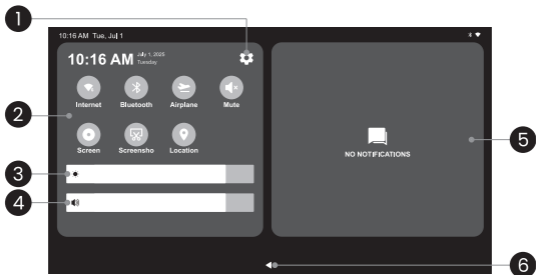


Gesture Operation

Slide down twice from the top of the screen to open Quick Settings.



3.3 Touchscreen >>



1. System Setting

Tap to access system settings and configure settings such as network, Bluetooth.

2. Shortcuts

📶 Tap to enable or disable Wi-Fi. Hold to enter settings and then connect to or add a Wi-Finetwork.

🔗 Tap to enable or disable Bluetooth. Hold to enter settings and connect with nearby Bluetooth devices.

✈ Tap to enable Airplane mode. Wi-Fi and Bluetooth will be disabled.

🔊 Tap to enable mute mode or disable the speaker.

📺 Tap to start recording the screen.

📷 Tap to take a screenshot.

📍 Positioning information.

3. Adjusting Brightness

Slide the bar to adjust the screen brightness.

4. Adjusting Volume

Slide the bar to adjust the volume.

5. Notifications

Tap to check system notifications.

6. Return




Tap to return to the previous screen or the app home screen.

3.4 Quick Transfer >>

Quick Transfer allows you to quickly transfer media and logs from the transmitter to your phone.



Steps:

1. Tap the () icon on the home screen to start Quick Transfer (If you're in the album or log screen, tap the () icon in the top right corner to start Quick Transfer.)
2. Open **HS FLY** and tap the scan icon in the bottom right corner of the home screen.
3. **Scan the QR code displayed on the screen.** Once connected successfully, you will enter the transmitter's album view.
4. Select the media you wish to export, tap (), and the files will be transferred to your phone.

4.1 Specifications >>

• TRANSMITTER:

Model: RC243A	Weight: 425g/ 14.99oz
Operating Time: 180 minutes	
Operating Frequency: 5745 MHz ~ 5805 MHz	
Operating Temperature Range: 32° to 104°F (0° to 40°C)	
Internal Storage Capacity: 32 GB + expandable storage (via microSD card)	
Supported TF Cards: Supports a TF Card (Class 10 or above) with capacity of up to 256 GB	
Size: 168*135*49 mm (without control sticks) 168*135*66 mm (with control sticks)	

• TRANSMITTER BATTERY:

Model: DS 854085-2S	Capacity: 2500 mAh
Voltage: 7.4 V	Energy: 18.5 Wh
Max Charging Voltage: 8.6 V	
Battery Type: Lithium-ion Polymer Battery	
Charging Temperature Range: 41° to 104°F (5° to 40°C)	

• USB CHARGING CABLE:

Input: Supports PD 3.0 (5V/2A, 9V/2A, 12V/2.3A)	Rated Power: ≤27.6 W
--	----------------------

4.2 Contact Us >>

Please do not hesitate to contact us if you need further support.



usa@holystone.com (America) ca@holystone.com (Canada)
eu@holystone.com (Europe) au@holystone.com (Australia)



+1 (833) 766-4733

4.3 Disclaimer & Warning >>

Carefully read this entire document and all safe and lawful practices provided by our company before using this product for the first time. Failure to read and follow instructions and warnings may result in serious injury to yourself or others, damage to your product, or damage to other objects in the vicinity. By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by all terms and conditions of this document and all relevant documents of this product. You agree that you are solely responsible for your own conduct while using this product and for any consequences thereof. Our company accepts no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product.

Users are obligated to operate this product in strict accordance with legal stipulations, local regulations, and any guidelines set forth by the company. Our company will not assume responsibility for any infractions or resultant consequences.

Our company reserves the exclusive right to interpret this document and any related materials. Updates may be made without prior notice.

Any unauthorized modifications or additions to the product are strictly prohibited. For inquiries or issues related to its operation or maintenance, please consult our dedicated support team.

It's imperative to keep the product out of reach of children. Extra caution is advised when operating in areas where children are present.

Only the provided accessories or those certified by our company should be used. Our company will not be held accountable for incidents resulting from the use of unauthorized components.

4.4 Compliance Information >>

FCC Notice :

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.

The Supplier's Declaration of Conformity is available at the following address:

https://www.holystone.com/Download/US/RC243A_FCC_sDoC.pdf

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.

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

RF Exposure :

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body. This part belongs to the drone.

4.4 Compliance Information >>

IC Statement :

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L' exploitation est autorisée aux deux conditions suivantes :

- (1) L' appareil ne doit pas produire de brouillage;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

CAN NMB-003 (B) :

RF Exposure

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

EU RF Power (EIRP) : <14 dBm (5745 MHz ~ 5805 MHz)

Caution :

The max operating of the EUT is 40°C. and shouldn't be lower than 0°C.

The device complies with RF specifications when the device used at 0mm from your body.

Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO.,LTD hereby, declare that the UAS RC243A is of class C0, and in compliance with the RED Directive 2014/53/EU, the RoHS Directive 2011/65/EU, Toy Directive 2009/48/EC and UAS Delegated Regulation 2019/945/EU amended by Delegated Regulation 2020/1058/EU.

The full EU declaration of conformity is accessible at the following website:
http://www.holystone.com/Download/CE/RC243A_EU_DOC.pdf

This product can be used among EU member states.

4.4 Compliance Information >>

Manufacturer Information :

Manufactured by Xiamen Huoshiquan Import & Export CO.,LTD
Address: Unit 1, Room 501, Hongxiang Building, No.258 Hubin Nan Road,
Siming District, Xiamen, China
+1 (833) 766-4733



MADE IN CHINA(CN)