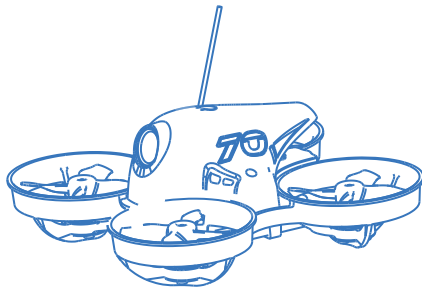




70 V5.0Pro



User Manual

01-02		Precautions
03-04		Standard Accessories Names of various aircraft components Remote Control Function Guide Installing Remote Control Batteries Pairing and Calibrating Remote Control with Drone
05-11		Remote Control Feature Description Proper Way to Fly the Drone Changing Propellers
12-14		Remote Control Charging Instructions Flying Device Charging Quick Start Guide
15-32		Joystick haptic control connection method Connection method Firmware upgrade and parameter tuning This product can also be operated using a standard remote control VR Introduction How to Deal with Situations During Flight

Important Notice

- 1.This product is suitable for teenagers and adults aged 14 and above. This remote-controlled quadcopter has certain difficulties in the initial learning stage and needs to fly under the guidance of personnel with operational experience.
- 2.This product is designed by integrating high-tech from multiple aspects such as electronics and mechanics. For those with insufficient operation experience, it is essential to stay away from people during flight. Improper operation may cause serious personal injury or property damage, for which we assume no responsibility.
- 3.Once the product is sold, we will not be held responsible for any safety incidents such as accidents that occur during operation or use.
- 4.In case of any problems related to use, operation or maintenance, you can contact the local dealer for technical support or after-sales service.

Note : 1. Please make sure to check the surrounding environment before flying.

2. Do not let the aircraft fly out of sight when it is in flight.

3. Children are not allowed to fly alone. Please fly with an adult.

4. Please confirm that there are no other products using the same frequency band operating flights in the same area.

Warning

*The charger, wires, plugs, casing and other components should be inspected regularly. If any damage is found, use should be stopped immediately until they are repaired properly.

*Only the original factory-configured charging case can be used and switched to the appropriate voltage. And switch to the appropriate gear according to the battery voltage.

*Please clean this product with a clean and soft cloth. Before cleaning, the aircraft should be disconnected from the charger.

*When charging rechargeable batteries, adult supervision is required. Non-rechargeable batteries cannot be recharged.

*Do not short-circuit, disassemble, drop the battery from a height or throw it into fire.

*If the product is not operated for a long time, please remove the battery.

*Do not severely strike or drop the aircraft and the remote control.

*This package and instruction manual contain important information about the product. Please keep them.

Do not operate the aircraft in the following locations:



Under the signal tower and
high-voltage power poles



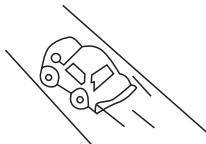
Amusement parks with
excessive foot traffic



The wilderness with rain,
lightning and thunder



Near the airport and
motorized rail vehicles



Highways and
nearby places

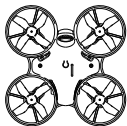


Near the woods/ivers



An environment
with strong air flow

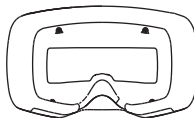
Standard Accessories



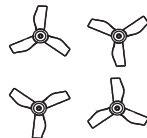
1*Aircraft



1*Remote controller



1*VR Glasses



1*Propeller



1*One charger and
three charging cases



1*Type-c data cable



1* Battery



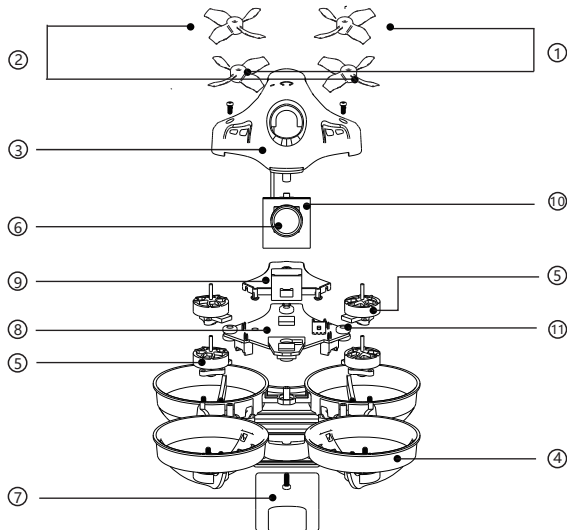
1* wrench



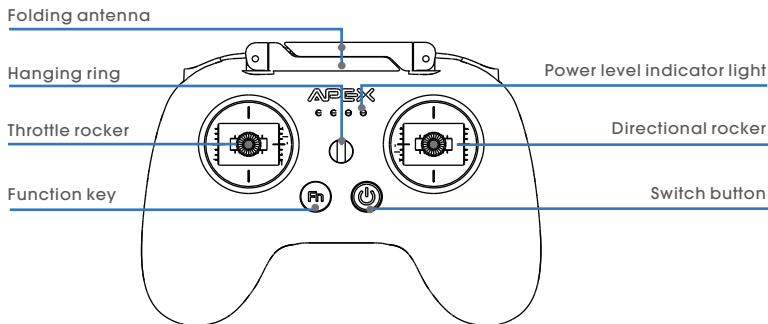
1* Instruction Manual

Names of Aircraft Components

- ① Reverse propeller x2
- ② Forward propeller x2
- ③ Upper shell x1
- ④ Lower shell x1
- ⑤ Reverse motor x2
- ⑥ Forward motor x2
- ⑦ Lithium battery x1
- ⑧ Receiver board x1
- ⑨ Camera x1
- ⑩ Compression plate x1
- ⑪ Shock-absorbing ball x4



Remote Controller Function Description



Take out the joystick located in the joystick storage slot and install it onto the remote control

Short press: Speed mode toggle(1/2/3 gears)

Long press: Flip maneuver

S1 Button

Left 3-stage Switch

Lock/Inverted Turtle Mode/Unlock

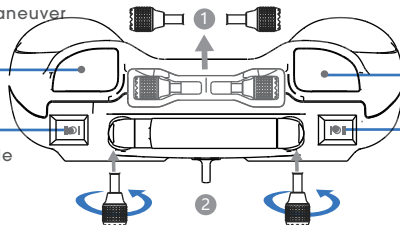
Short press: Speed mode toggle (1/2/3 gears)

Long press: Flip maneuver

S2 Button

Right 3-stage Switch

Stabilized/Semi-stabilized /Manual Mode



Remote Controller and Aircraft Pairing & Calibration

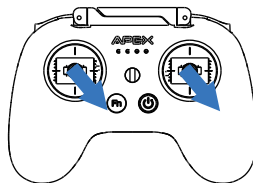
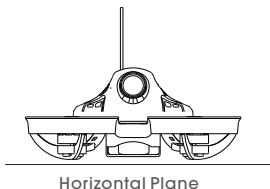
Step 1: Pairing

Turn on the remote controller, then power the aircraft. Place the aircraft horizontally with its tail facing you. Successful pairing is confirmed by: A "beep" from the remote, steady aircraft indicator light.

Re-pairing: If failed, shake the aircraft until its LED cycles colors, then long-press the S1 button to rematch.

Step 2: Calibration

After pairing, place the aircraft horizontally. Push both joysticks to the bottom-right corners simultaneously (see diagram). The aircraft light will flash rapidly—release the joysticks once it stabilizes to complete calibration.



Function Description of the remote control

1.Power on/Off

- 1)To power on.press and hold the remote controller's power button until it enters working mode.
- 2)To power off.press and hold the power button until all the power indicator lights turn off,and the remote controller enters shutdown mode.

2.Unlock,lock

Toggle the left 3-position switch to the RIGHT to unlock the aircraft.Toggle the switch to the LEFT to lock the motors.Toggle to the MIDDLE for emergency stop Make sure the throttle joystick is in zero position before unlocking or locking.

Lower the throttle to the minimum position, then press the unlock button to unlock.



3.Throttle control

After unlocking.push the throttle stick above the center position to make the aircraft ascend. Pull the throttle stick below the center position to make the aircraft descend.

When the throttle stick is at the center position,the aircraft will maintain its current altitude (in Altitude Hold Mode)

4.Rebinding

Long press and hold the code matching key to exit the channel that matches the aircraft.When the aircraft is not coded,after powering on,shake it until the seven-color light flashes,then turn on the remote control and long press the code matching key to re-code.

5.Steering(yaw):After the aircraft takes off,the throttle joystick moves left/right,causing the aircraft to turn left/right.

6.Forward and backward (pitch):After the aircraft takes off,the direction joystick swings forward/backward,and the aircraft flies forward/backward.

7.Left and right (roll sideways):After the aircraft takes off,the direction joystick is shaken left/right,and the aircraft flies left/right.

8.Fine-tuning function(Fn+ Direction joystick combination key)

After the aircraft takes off,if it drifts in one direction without joystick input,use the FN function button in combination with the direction joystick to correct the aircraft's drift and achieve a stable hover.(Hold down the FN button while using the direction joystick for fine adjustments.)

9.Seven-color light conversion

Press "S2" briefly: The aircraft's LED will cycle through red, orange, yellow, green, cyan, blue, and purple, accompanied by a beep. (The remote emits no sound when pressed, aiding in locating a lost drone.)

10. Speed Adjustment/Roll Maneuver

Short-press "S1" to cycle through 3 speed levels (1 beep: lowest; 2 beeps: medium; 3 beeps: maximum). When throttle is engaged, long-pressing activates Roll Mode (continuous buzzer) - pushing the directional stick executes a 360° roll in that direction. (Disabled in Manual Mode)

11. Short press to switch to long press to enter the coach mode

Mode switching: Press briefly to switch between 3 flight modes: There are a total of 3 gears. When the buzzer sounds once, it is the self-stabilizing high mode. Two sounds indicate semi-self-stabilizing mode and three sounds indicate manual mode. Self-Stabilizing Altitude Mode: In Altitude Hold Mode, when flying in Speed Level 1 or 2, the drone activates the Optical Flow Positioning function for stable hovering. In Speed Level 3, only Altitude Hold is enabled - Optical Flow Positioning is not active. Semi-Stabilized Mode: In this mode, the aircraft does not support altitude hold or automatic hovering. The pilot must manually control the throttle and direction sticks to maintain altitude and position.

Manual Mode: In Manual Mode, there is no altitude hold function. The user controls the aircraft using the joysticks. When flying forward, backward, left, or right, the aircraft will maintain its attitude after stick input and continue flying in that direction automatically. Throttle (ascend/descend) and yaw (rotation) controls remain unchanged.

12. Motion Control

When the aircraft is unlocked or in flight, press and hold the S2 button. You will hear two "beep" sounds from the remote, indicating entry into motion control mode. Tilt the remote backward (tilt up): The aircraft ascends, Tilt the remote forward (tilt down): The aircraft descends, Tilt the remote left: The aircraft turns left. Tilt the remote right: The aircraft turns right, Hold S2 continuously: The aircraft flies forward
To exit motion control: Center the throttle stick, then press and hold the S2 button again to exit.

13. Stick Calibration (Fn + S2 Combination)

Prerequisite: Remote powered on, not bound to the aircraft

Center both joysticks completely, then press Fn + S2 simultaneously. The remote's indicator light will flash rapidly. Release the buttons once the flashing stops. Rotate both joysticks clockwise from inside to outside at a steady speed, making sure to push the sticks to the full limit at all four corners. Calibration is complete when you feel the remote vibrate and hear a single "beep".

Important Note: You must calibrate the sticks after updating the firmware. Failure to do so may cause issues such as inability to unlock the aircraft or take off.

14. Remote Level Calibration

With the remote powered on and not bound to the aircraft, press and hold the S2 button. The indicator light will flash rapidly. Place the remote on a level surface and wait a few seconds. Calibration is complete when the light returns to normal slow flashing and you hear a single "beep".

15. Flip Recovery & BB Finder

Flip Recovery (Anti-Turtle Mode)

If the drone flips upside down:

Toggle the left 3-position switch to the middle position. You will hear two "beeps" from the remote, and the drone will emit one "beep" to confirm entry into Flip Recovery mode.

Use the right joystick to push forward/backward/left/right until the drone flips back to its normal upright position.

BB Finder (Drone Locator)

For easy drone location:

When the drone is not flipped, toggle the left 3-position switch to the middle position. This activates the BB Finder mode, and the drone's buzzer will emit a continuous "beep-beep" sound.

16. APEX TX Protocol (Built-in ExpressLRS 2.4G Protocol)

With the remote powered off, press and hold the Fn function key + the power key simultaneously to toggle between APEX TX and ELRS 2.4G protocols:

4 quick beeps = APEX TX protocol. 4 slow beeps = Built-in ELRS 2.4G protocol (high-frequency module)

17. FPV Simulator Practice

With the remote powered off, connect it to a PC via a Type-C cable. No driver installation is required. Calibrate the remote in the PC simulator software, and you can start FPV simulator practice. Also supports mobile devices (phones, tablets) with an OTG adapter. Connection via an audio cable + encryption dog is also available.

18. Instructor Mode

Requires two remotes connected via an audio cable:

The remote bound to the aircraft is automatically recognized as the Instructor remote.

The other remote is the Student remote. To activate Instructor Mode: Press and hold Fn + S1 on the Instructor remote. The remote's buzzer will emit a "beep-beep---beep" tone to confirm entry.

The Student can operate the sticks to control the aircraft, but all other button functions are disabled.

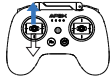
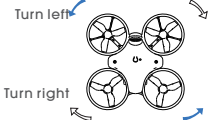
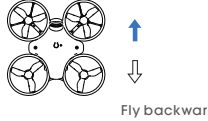
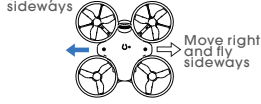
In an emergency, the Instructor can take back full control by moving any joystick.

19. Linked Channel Switching

Press Fn + Speed Switch Key to enter linked channel switching for the FPV goggles. Each press switches to the next channel. (Note: Ensure the remote is Bluetooth-connected to your VR goggles before use.)

The correct control method of the aircraft

Please simulate the flight proficiently in advance before the flight

Throttle  Top position Bottom position	 Rise Decline	Left stick up/down: Aircraft ascends / descends
Left/right rotation (yaw) 	 Turn left Turn right	Left stick left/right: Aircraft turns left / right
Forward/backward flight (pitch) 	 Forward flight Fly backward	Right stick up/down: Aircraft flies forward / backward
Fly (roll sideways) to the left/right 	 Move left and fly sideways Move right and fly sideways	Right stick left/right: Aircraft flies left / right

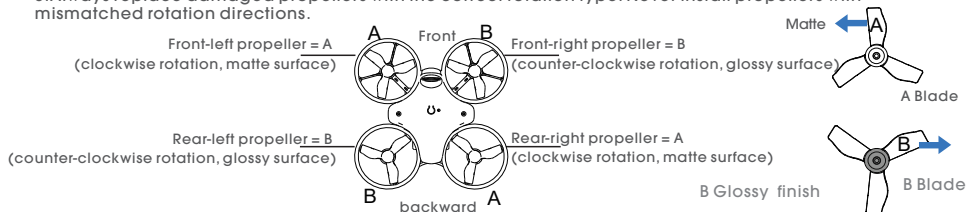
Replacing Propellers

To maintain optimal flight performance, propellers should be inspected or replaced after multiple flights, especially following high-speed impacts that may damage them.

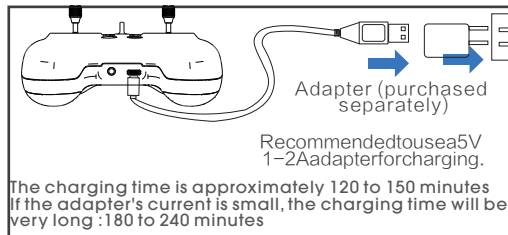
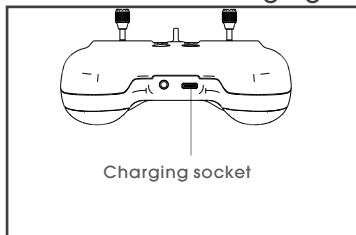
1. This aircraft has four propellers.

2. When replacing the propeller, please ensure that the indicator letters on the propeller match properly (A represents a forward-rotating propeller, B represents a counter-rotating propeller, and the letters are on the front of the propeller).

3. Always replace damaged propellers with the correct rotation type. Never install propellers with mismatched rotation directions.



Remote control Charging Instructions



The remote control indicator lights cycle on and off sequentially while charging. When fully charged, all 4 indicator lights are on.

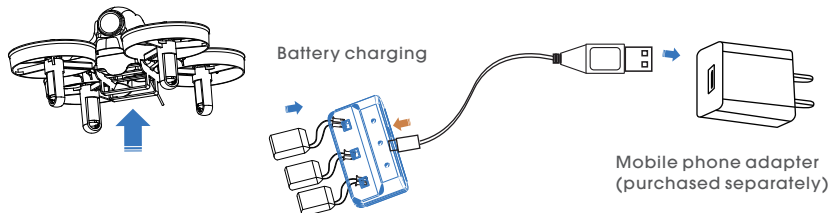
Aircraft Charging

1. Connect the USB charging cable to the charging box and the adapter. After powering on, remove the battery from the aircraft and plug it into the charging box.
2. During charging, the indicator light stays solid. When the battery is fully saturated, the light will automatically turn off.

Note: Please use the dedicated charger we provided.

Low Battery Warning:

During flight, if the remote controller emits a "whoosh..." sound, it means the aircraft battery voltage is low. Please land and charge immediately.

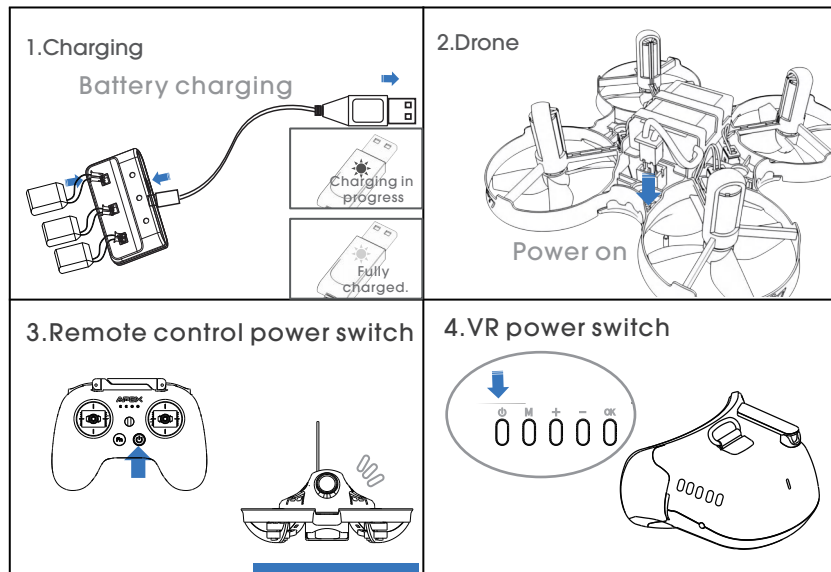


- Phone adapter (sold separately)
- Output: 5V, charging current 1-2A is acceptable

Battery Warning

This quadcopter uses rechargeable lithium batteries. If the battery cannot be recharged repeatedly, please handle it properly in accordance with local handling regulations.

Quick Start Guide



Quick Start Guide

5.Channel search

(No need to search when the device is on normal)

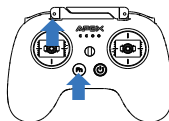
Switch to 5.8G
Channel button

Press and hold for 3 seconds

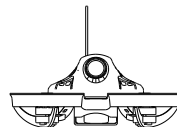


6.Take off

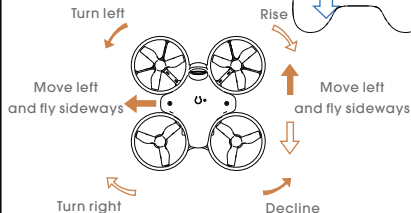
(2) Push up gently to add power



(1) Press Unlock button



7.Direction control

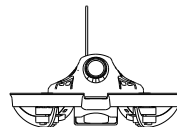


8.Landing

(2) Gently lower the throttle joystick



(1) Press Unlock button

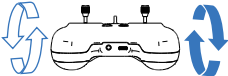
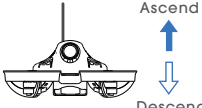
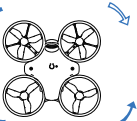
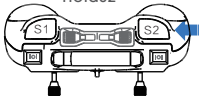


Motion Control Connection Guide

1. Enter Motion Control: After unlocking the aircraft or during flight, long press the S2 button.
2. Exit Motion Control: Center the throttle stick, then long press the S2 button.

Notes

1. Before motion control flight, you need to calibrate the remote controller level first.
2. Operate the tilt movements slowly and evenly to avoid excessive drone movement that could cause a crash. Gradually increase speed and range as you get familiar with the controls.

Tilt Back / Tilt Forward 	 Ascend Descend	Tilt remote back to ascend; tilt forward to descend.
Tilt Left/Tilt Right 	Turn Left  Turn Right	Tilt remote left to turn left; tilt right to turn right
Hold S2 	 Fly forward Fly backward	Forward: Hold S2 key. Stop: Release S2 key.

Recommendation: New pilots should fly in Self-stabilizing Altitude Hold mode to get used to the controls step by step.

Connection Methods

Connecting to Third-Party Goggles

This device uses 5.8G. It can be bound to 5.8G VR goggles and used directly. As long as they are on the same 5.8G frequency (e.g. 5880/5860), it will work.

Install the antenna first. If you want to record video, please install the SD card in advance. Currently, it only supports SD cards under 32G.

The remote controller supports connecting to a computer for simulator operation. After downloading the simulator game, connect as follows:

Power off the remote controller.

Connect one end of the Type-C data cable to the remote, and the other end to the computer USB port. The remote lights staying solid means the connection is successful.



Apple systems are not supported. Computers running Windows 7 or earlier versions are not compatible.

For simulator software and practice tutorials, please contact customer service to receive them free of charge.

The controller supports connection with Android phones/tablets for simulator operation. After downloading the simulator app, follow these steps:

1. Keep the controller powered OFF
2. Prepare an OTG adapter and connect it to the Type-C cable
3. Connect the Type-C data cable port to the remote controller, and the OTG adapter port to your Android phone or Android tablet. When the remote controller's light remains steadily lit, this indicates a successful connection. Open the simulator software, calibrate the joystick, and then you can begin FPV simulator practice.

Notes

- 1.Apple system is not supported. Some Huawei devices may not be supported.
- 2.Dual-head Type-C cables are not supported.
- 3.The package does not include an OTG adapter. You can contact customer service to get one via our review reward activity.
- 4.You can contact customer service to get the simulator and tutorial for free.
- 5.If you cannot connect, check: Is the remote powered off; Is the adapter connected to the phone? Are you using an Apple/Huawei device.

Firmware Update & Tuning

1. ApexFlight App Download

This app works for both the aircraft and remote controller.

Android: <https://www.pgyer.com/H6HQBKKn>

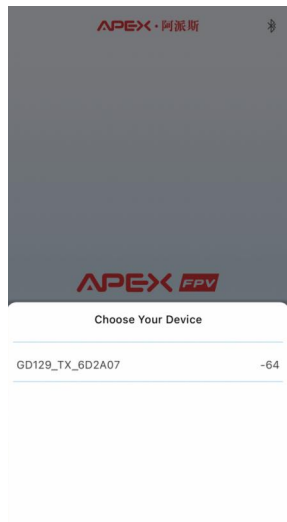
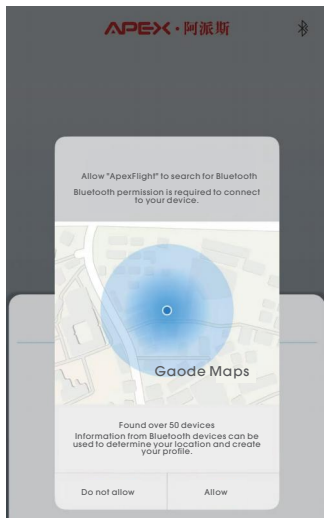
iOS: Search for "ApexFlight" in the App Store



Android

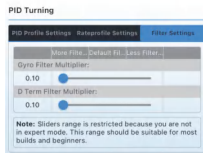
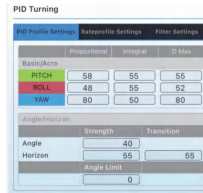
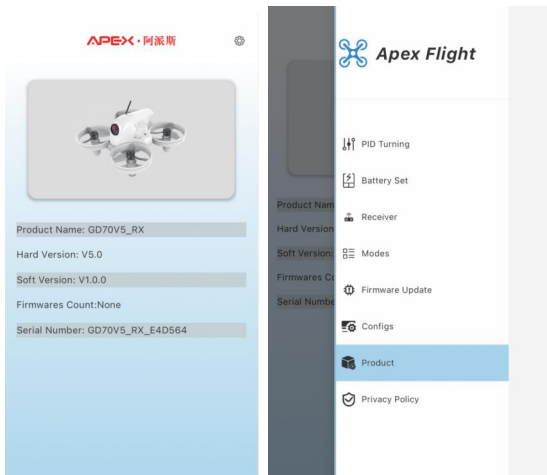
2. Connection

- Devices starting with GD129 TX are remote controllers.
- Devices starting with GD70 RX are aircraft.
- The last 6 digits are the unique ID of the device, and the Bluetooth signal strength is also displayed.



Connecting to the Aircraft

After clicking to connect to the aircraft, the default page shows product information. Click the settings icon in the top right corner. You will see options including: PID Tuning, Battery Settings, Receiver, Mode, Firmware Update, Configuration, Product, Privacy Policy. Adjustments are subject to the latest official version.



Battery Settings

Battery Cells 1

Alarm Vol : 2.50 ~ 4.00 V

Landing Vol : 2.50 ~ 4.00 V

Receiver

Roll[A]	0
Pitch[E]	0
Direct[R]	0
Throt[T]	0
AUX 1	1000
AUX 2	1000
AUX 3	1000
AUX 4	1000
AUX 5	1000
AUX 6	1000
AUX 7	1000
AUX 8	1000
AUX 9	1000
AUX 10	1000
AUX 11	0
AUX 12	0

APEX · 阿派斯

Modes

Configure modes here using a combination of ranges and/or links to other modes. (links supported on BF 4.0 and later). Use **ranges** to define the switches on your transmitter and corresponding mode assignments. A receiver channel that gives a reading between a range minimum will activate the mode. Use a **link** to activate a mode when another mode is activated. **Exceptions:** ARM cannot be linked to or from another mode, modes cannot be linked to other modes that are configured with a link (chained links). Multiple rangelinks can be used to activate any mode. If there is more than one rangelink defined for a mode, each of them can be set to **AND** or **OR**. A mode will be activated when:

- ALL **AND** ranges/links are active; OR
- at least one **OR** rangelink is active.

Remember to save your settings using the Save button.

ARM

AUX 5 min: 1800 max: 2100

ANGLE

AUX 7 min: 1450 max: 1600

POSITION

Restore Factory Settings Write

APEX · 阿派斯

GD70V5_RX_FF_V1.0.0.bin

1.0.0

2026-01-13

APEX · 阿派斯

OSD ☒

FLOW ☒

Gyro Calibration

PID Tuning: Adjust PID values, Rate values, Filter settings. Advanced users can adjust parameters according to their experience, then click write. If you mess up the parameters, you can restore factory settings with one click. (The aircraft has factory-calibrated parameters by default).

Battery Settings: You can set the alarm voltage and landing voltage.

Receiver: After the aircraft and remote are connected, you can move the sticks or buttons to check the corresponding channel mapping values.

Mode: Channel mapping.

Firmware Update: Select the latest firmware by date to update. Do not operate the aircraft or phone during the update, and keep them close. Ensure the aircraft has sufficient power. An interrupted update may brick the device. The update takes about 1 minute.

Configuration: Turn OSD display on/off, Turn FLOW (Optical Flow) on/off, Calibrate GYRO (Gyroscope).

Connecting to the Remote Controller

After clicking to connect to the remote, the default page shows product information. Click the settings icon in the top right corner. You will see options including: Firmware Update, Channel Settings, Product. Adjustments are subject to the latest official version. When the remote protocol is switched to ELRS, an additional configuration tab will appear.

APEX · 阿派斯



Product Name: GD129_TX

Hard Version: V5.1

Soft Version: V0.0.0

Remote Protocol: APEX

Firmware Count: None

Serial Number: GD129_TX_6D2A07

Apex Flight

- Firmware Update
- Channel Settings
- Product

GD129V5_TX_V1.0.0.bin

1.0.0

2025-12-25



Channel Mode: APEX Closed For APEX models: GD129PRO, GD70ELRS, GD129, etc.

THR Channel Potentiometer: 0 min: 172 max: 1812

YAW Channel Potentiometer: 10 min: 172 max: 1812

PIT Channel Potentiometer: 10 min: 172 max: 1812

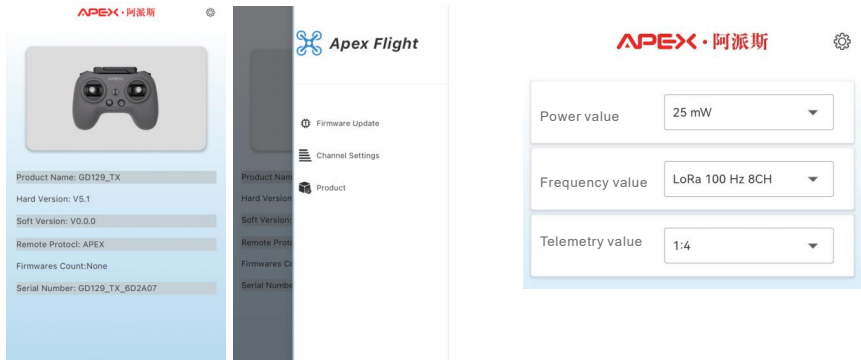
ROL Channel Potentiometer: 10 min: 172 max: 1812

Restore Factory Settings

Write

Restore Factory Settings

Write



Firmware Update: Select the latest firmware by date to update. If your remote is already on the latest version, no update is needed. Firmware with "JP" in the name is for Japanese mode, "TX" is for American mode. Do not operate the remote or phone during the update, and keep them close. Ensure the device has sufficient power. An interrupted update may brick the device. The update takes about 1 minute. After a successful update, you must calibrate the sticks (otherwise you may have issues unlocking or taking off).

Channel Settings: By default, the remote uses our proprietary protocol (non-open source). You can only change the joystick potentiometer phase value, dead zone value, max/min value, etc. When switching to BF open source mode (for binding with open source receivers), you will get full channel mapping functionality for all buttons and switches.

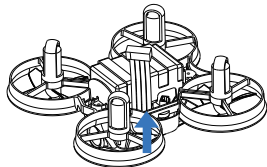
Configuration (Only valid under ELRS protocol): Power setting, Frequency setting, Telemetry setting.

Using a Universal Remote with the 5.0 Drone

- (1) Purchase a universal 2.4G remote controller with CRSF protocol.
- (2) Take out the 4PIN cable that came with the receiver.
- (3) Unscrew the 3 screws on the flight faceplate and open it.
- (4) Connect the receiver's positive pin to the flight controller's 5V, negative to G, T to R, R to T.
- (5) Route the cable out the back of the faceplate, reattach the faceplate and screw it back on.
- (6) Power on the remote, install the battery in the aircraft, open the remote function page, and bind to the receiver. (This completes the 2.4G connection for the universal remote).
- (7) Now you can control the aircraft with the universal remote.



- A. You need to purchase a universal remote that comes with a receiver.
- B. The universal remote must be 2.4G and use the CRSF protocol.
- C. The 5.0 Pro model does not need this receiver modification; it can bind normally.

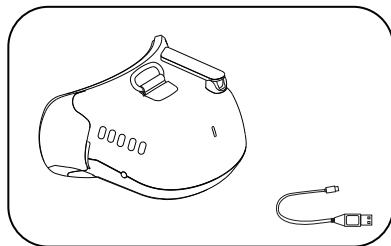


External receiver
Connecting wire

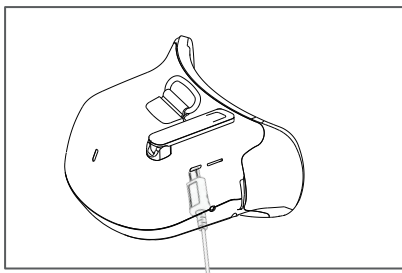
Introduction to VR

1.Prepare

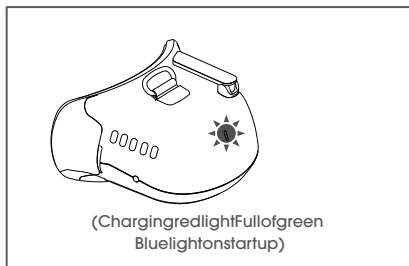
1-1 .VR



1-2. Charging status&Working status



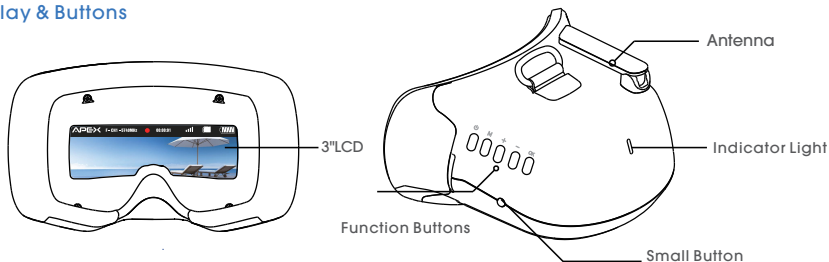
※ without SD card

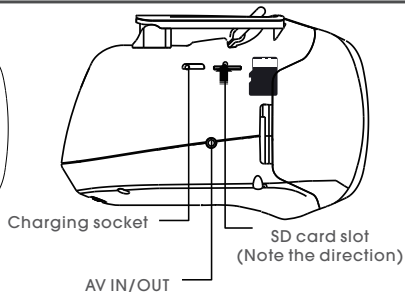
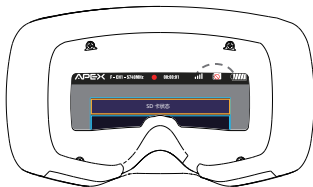


1-3.Specifications

Parameter	3inch
ScreenSize	TFTLCD
Resolution	360X640pixels
Brightness	320cd/m2
Sensitivity	-90dBm
Channels	48channels
Battery	3.7V1800mAh
Dimensions	126*145*85 (mm)
VideoFormat	NTSC
PowerSupply	USB5V
Weight	260g
WorkingTime	80minutes

1-4.Display & Buttons



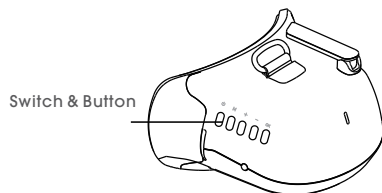


Function Buttons

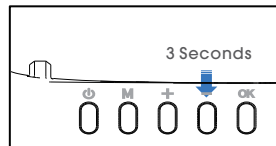
2.1. Power On/Off

Long press to power on, long press to power off.

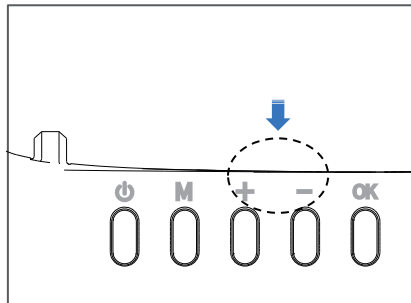
Screen On/Off: When powered on, double click to turn off the screen. Click any button to turn it back on.



2.2. Channel



Channel Changing



Channel List

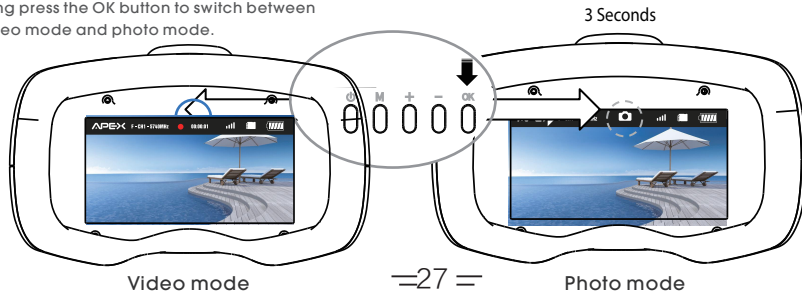
CH	F	R	A	B	E	H
CH1	5740	5658	5865	5733	5705	5362
CH2	5760	5695	5845	5752	5685	5399
CH3	5780	5732	5825	5771	5665	5436
CH4	5800	5769	5805	5790	5645	5473
CH5	5820	5806	5785	5809	5885	5510
CH6	5840	5843	5765	5828	5905	5547
CH7	5860	5880	5745	5847	5925	5584
CH8	5880	5917	5725	5866	5945	5621
MHz	MHz	MHz	MHz	MHz	MHz	MHz

The aircraft supports the channels in the gray area

The VR goggles support 48 channels. The aircraft only supports the 16 channels marked in gray.

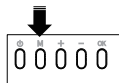
2.3. Video/Photo Mode Switching

Long press the OK button to switch between video mode and photo mode.



2.4. Crosshair & OSD Display On/Off

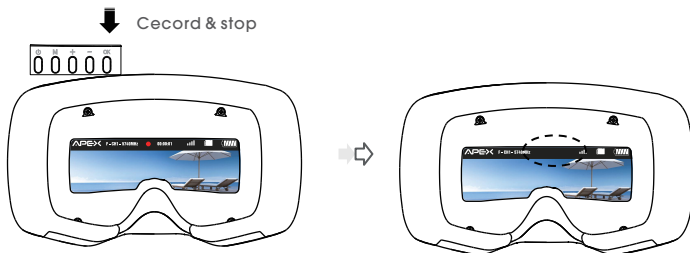
Long press the M button for 4 seconds to turn on the display. Long press the M button again to turn it off.



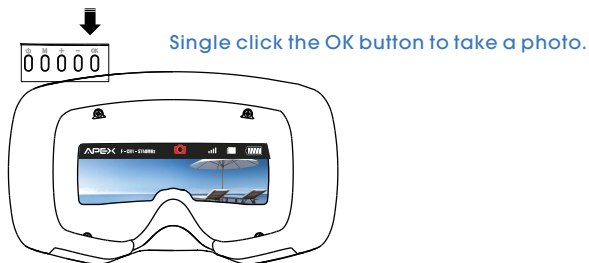
Note: OSD data is only valid when using the APEX 129 remote and 70 aircraft (you need to connect to the remote first, long press the small button to connect).



2.5. Video Recording



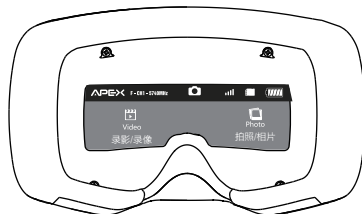
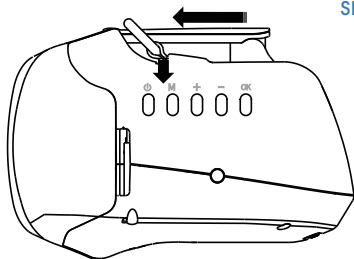
2.6. Photo Taking



3. Album

3.1. Viewing Videos & Photos

Long press the M button for 3 seconds to open the album.
Short press +/- to select videos and photos.
Short press the OK button to confirm and view.
Short press the M button to go back.



Videos & Photos



Video



Photos

4. Settings

Click the M button to show/hide the menu.

You can adjust:

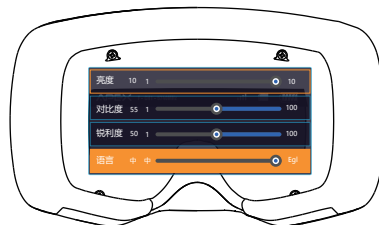
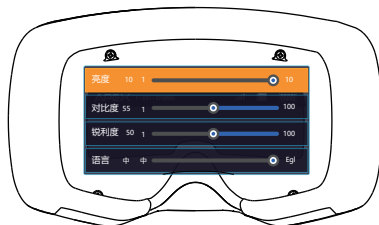


4-2Contrast

4-3Sharpness

4-1Backlight

4-4Language



4. Settings

Click the M button to show/hide the menu.

You can adjust:

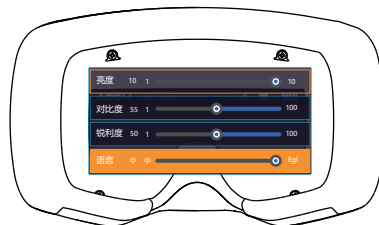
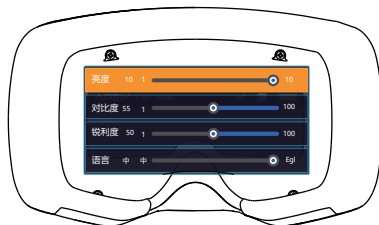


4-2Contrast

4-3Sharpness

4-1Backlight

4-4Language



How to Troubleshoot In-Flight Issues

	Issue	Causes	Solutions
1	After powering on the aircraft, the indicator light flashes continuously, no response to operation	Remote and receiver not bound successfully	Please re-perform the binding operation (See Page P3 Binding & Calibration)
2	After powering on the aircraft, there is no response at all	Aircraft battery is dead	Charge the battery
3	After landing, the propellers are still spinning, not stopping	Throttle may not be zero	Confirm if the throttle stick is pushed all the way to the bottom
4	The propellers spin, but the aircraft cannot take off	1. Propellers installed in wrong direction 2. Insufficient battery voltage	1. Check or replace the propeller positions 2. Charge the battery
5	The aircraft spins, left/right turning speed is inconsistent	1. Propellers not installed properly 2. Propellers deformed 3. Aircraft not calibrated	1. Install the propellers properly 2. Replace the propellers 3. See Page 05 Level Calibration
6	After a crash, the aircraft cannot fly	1. Propellers loose 2. Propellers deformed	1. Tighten the propellers 2. Replace the propellers