

CONTROLLER

TX-100



Hisingy

HISINGY.com

**DESIGNED BY PROS
FOR EVERYONE**

FPV MADE EASY



MINI DRONE

INSTRUCTION MANUAL



reddot winner 2022
Red Dot Award: Product Design



Please read this instruction manual carefully before using this product. This instruction manual contains important information, please safekeeping.

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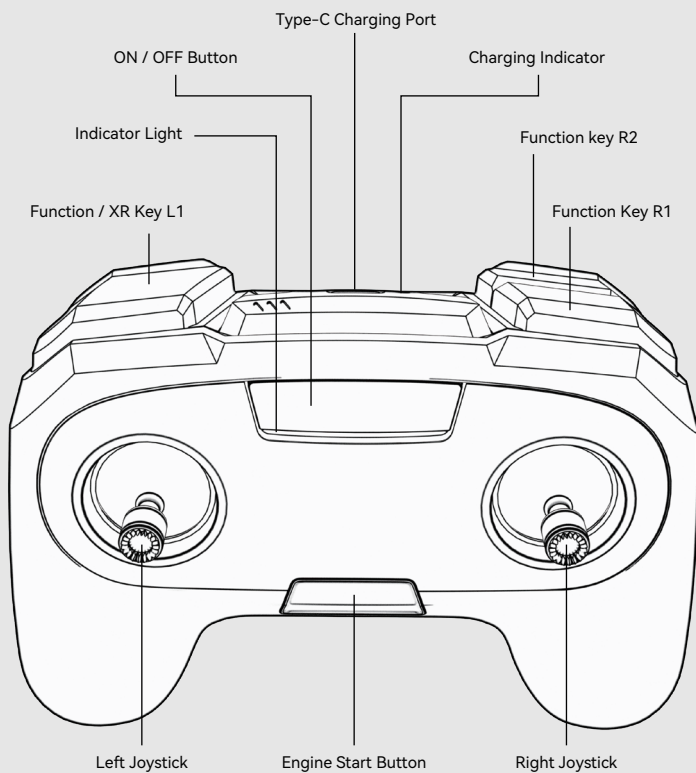
2 Description of Limited Warranty 12

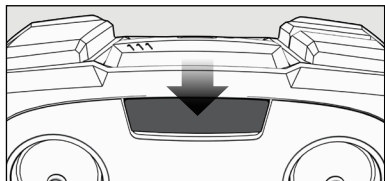




ABOUT GOONTROLLER

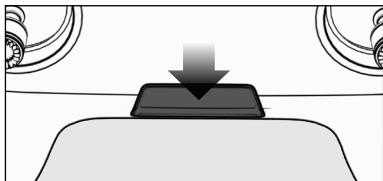
1.1 Key / Function of Controller





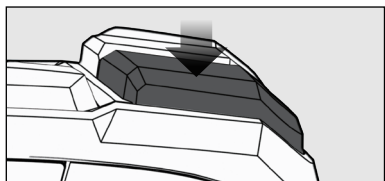
On / Off Button

Usage: Long Press



Engine Start Button

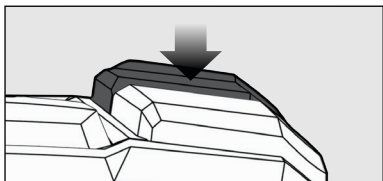
Usage: Long Press



Function Key R1

Function: Flight Mode Switch

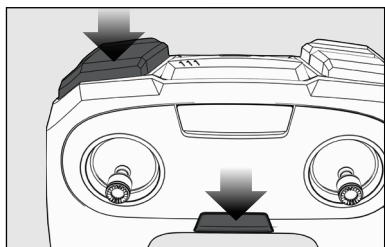
Usage: Press R1 to switch between altitude assist / sport mode



Function key R2

Function: Beacon Mode

Usage: When motors are not running, long press R2 to activate beacon mode



Function / XR Key L1

Features: Roll Over

Usage: Press and hold L1, then long press the engine start button to activate rescue mode. Push right joystick left and right / back and forth to roll the aircraft back on its feet.

Low battery alarm

When the battery level of the controller is lower than 20%, low battery alarm will be activated.

Charging Tips

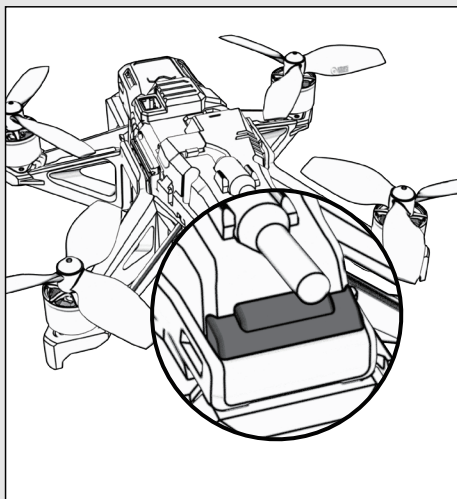
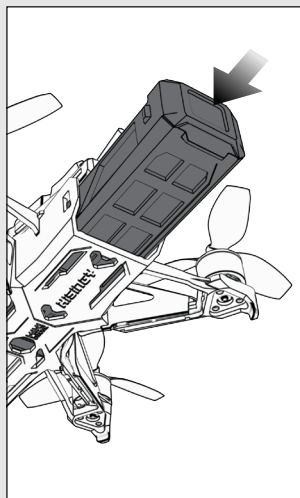
The charging indicator LED lights up when charging, and turns off when charging is complete.

1.2 Controller and Aircraft Binding

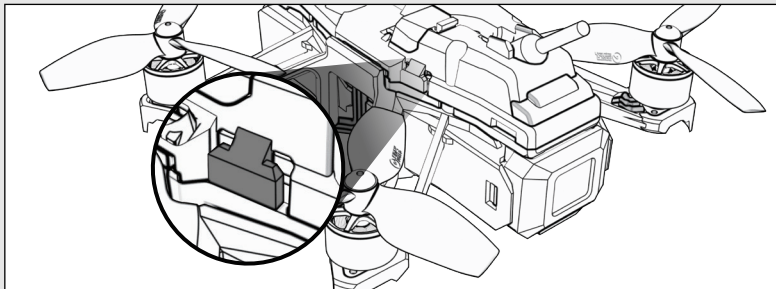


Aircraft Operation

1. Insert the flight battery, wait for the booting process to complete, the indicator LED (at the rear of the aircraft) begins to breath alternatively in multiple colors.



2. Long press the bind button, the indicator LED begins to flash rapidly and alternate in multiple colors.

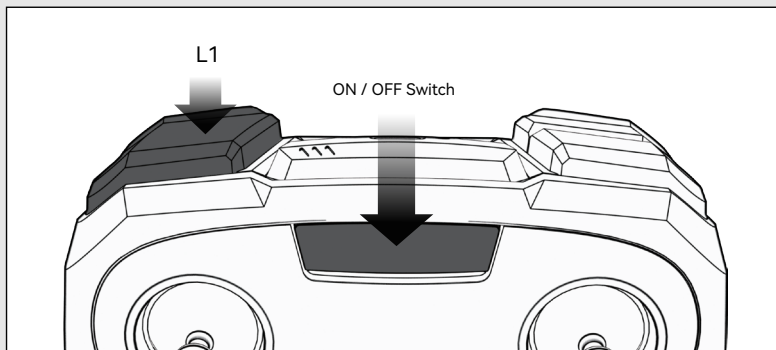


3. Once activated, the aircraft stays in bind mode for 20 seconds, then will returns to standby state after 20 seconds or a successful bind. Repeat the steps above if needed.



Controller Operation

1. Press and hold L1 while the controller is turned off, then press the on / off button to switch on the controller. Once the controller is on, binding tune will sound and the indicator light will flash continuously, indicating the controller is in bind mode.



2. The indicator light becomes steady on with one short pulse of vibration when bind is complete.



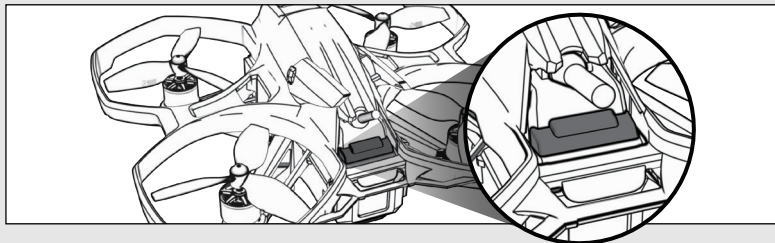
NOTICE

1. Please make sure to press both thumbs firmly against the joysticks while flying. Do not let go of the joysticks, otherwise you will not be able to make corrections to the aircraft in time during unexpected situations.
2. Please operate the joysticks gently. Do not rock the joysticks back and forth with excessive force as such action could cause damage to the controller.
3. Please safeguard the engine start button to avoid unexpected activation / deactivation of the aircraft.
4. Do not try to operate other pilot's aircraft or allow others to operate yours. The difference in personalized handling tuning could cause danger during flight, and may result in aircraft damage or bodily injury.

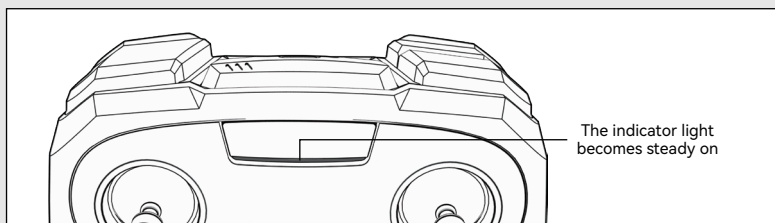


Binding Status Check

1. Aircraft: The indicator LED will display cyan (or user defined color) breathing.

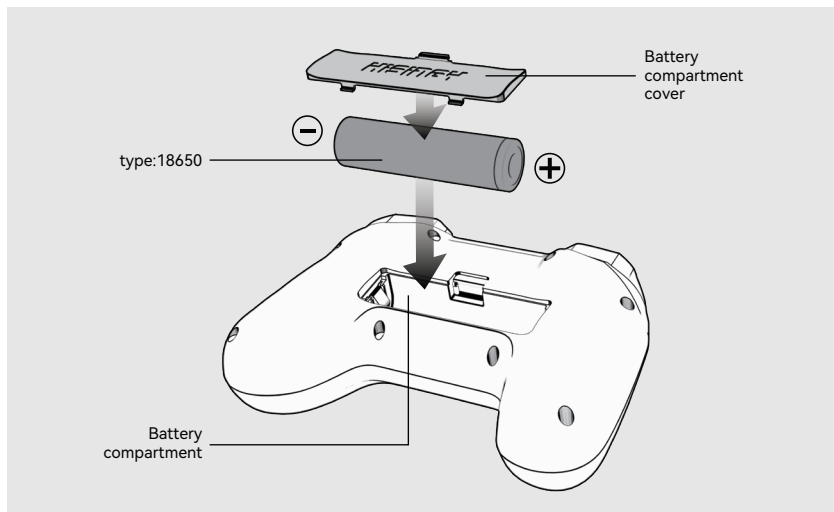


2. Controller: The indicator light becomes steady on with one short pulse of vibration.

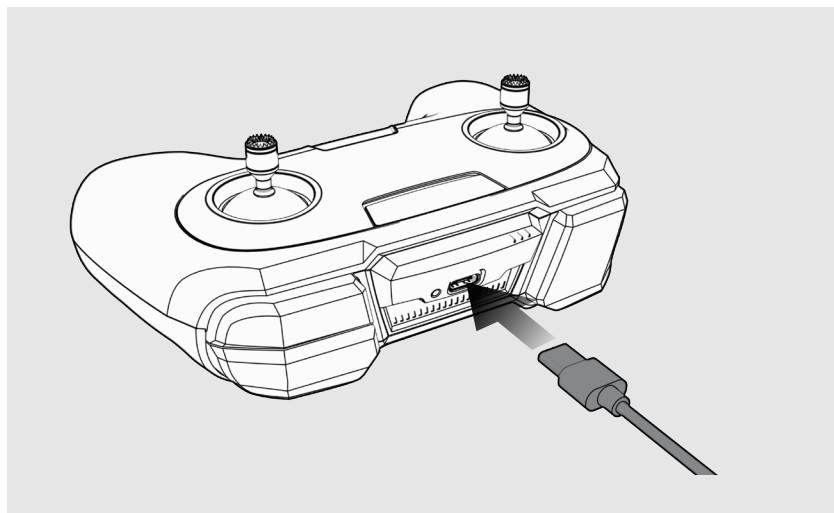


1.3 About Device Battery

1.3.1 Device Battery Installation



1.3.2 Charge the Device Battery



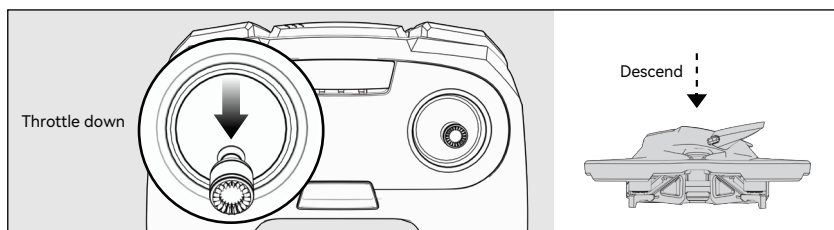
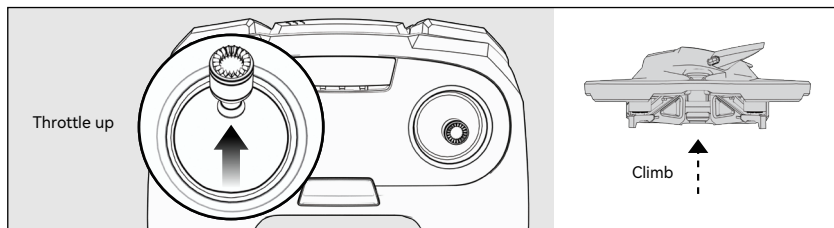


NOTICE

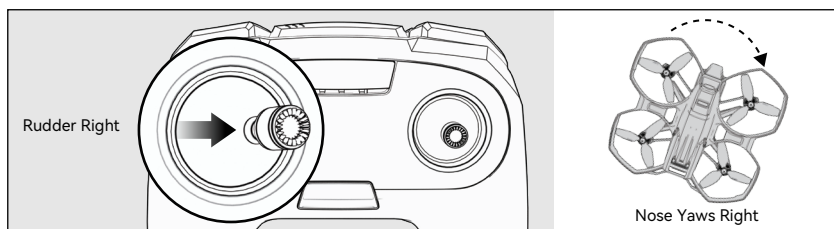
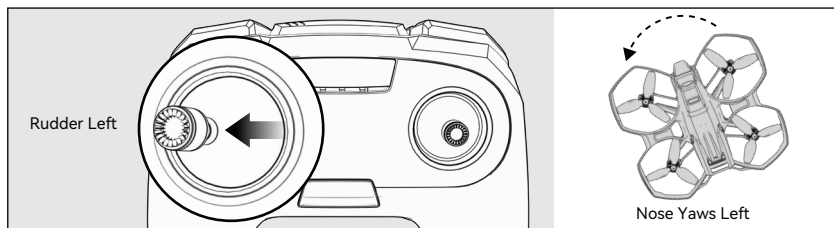
1. Please install the 18650 batteries according to the illustration shown in the controller's battery compartment.
2. The controller will sound low battery alarm beeps as the battery voltage drops. When the low battery alarm goes off, please stop flying immediately and use the USB Type-C connector on the device to fully charge the device battery.

1.4 Basic Flight Control

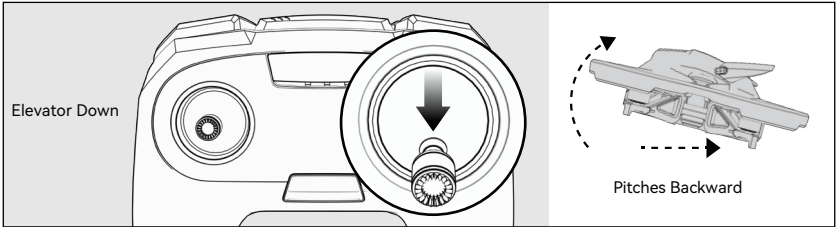
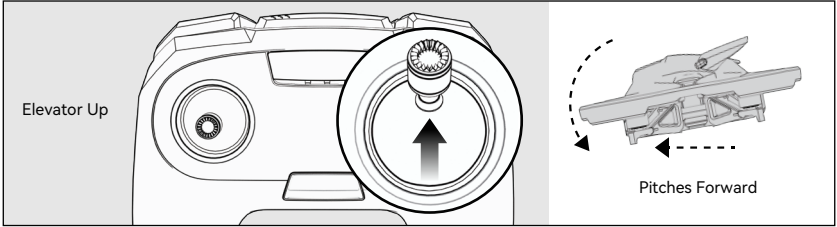
Throttle



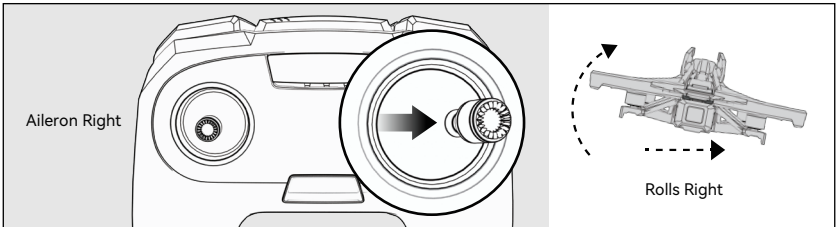
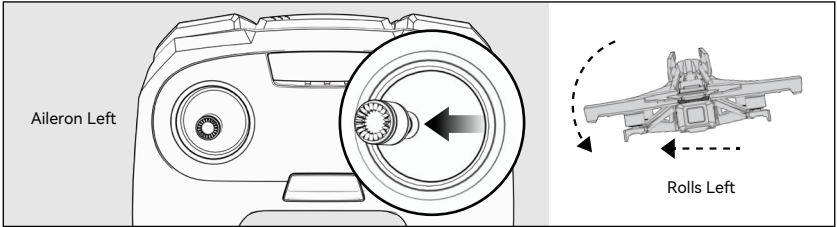
Rudder



Elevator



Aileron



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DESCRIPTION OF LIMITED WARRANTY

The Warranty Scope

"HISINGY" Cockatoo & Friends Co., Ltd warrants to the original purchaser that the purchased products are free from material and workmanship defects at the date of purchase.

Not Covered by the Warranty

This warranty is non-transferable and does not cover:

1. Appearance damage
2. Damage caused by force, accident, misuse, abuse, negligence, commercial use or improper use, installation, operation or maintenance
3. Modify or privately modify any part of the product
4. Products purchased from distributors not authorized by HISINGY
5. Products not purchased from authorized HISINGY distributors
6. The product does not comply with applicable technical regulations, laws and regulations in use

Other than the express warranty above, HISINGY makes no other warranty or representation, and hereby disclaims any and all implied warranties, including, without limitation, the implied warranties of non-infringement, merchantability and fitness for a particular purpose. The purchaser acknowledges that they alone have determined that the product will suitably meet the requirements of the purchaser's intended use.

Warranty Claims Notice

HISINGY is only obliged to provide limited compensation to the purchaser if:

1. Service defects
2. Any product deemed defective by HISINGY

HISINGY reserves the right to inspect any and all products covered by warranty claims. It is HISINGY decision whether to provide the service or replace the product. Proof of purchase is required for all warranty claims.

Responsibility and Restraint

HISINGY shall not be liable for special, indirect, incidental or consequential damages, loss of profits or production or commercial loss in any way, regardless of whether such claim is based in contract, warranty, tort, negligence, strict liability or any other theory of liability, even if HISINGY has been advised of the possibility of such damages.

In addition, in no event shall the liability of HISINGY exceed the individual price of the product on which liability is asserted.

As HISINGY has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability. If you as the purchaser or user are not prepared to accept the liability associated with the use of the product, purchaser is advised to return the product immediately in new and unused condition to the place of purchase.

About Law

These provisions shall be governed by Chinese law. This warranty gives you certain legal rights, and you may have other rights that vary from country to country. "HISINGY" Cockatoo & Friends Co., Ltd reserves the right to change or modify this warranty at any time, and will be notified on www.hisingy.com and HISINGY App.

Warranty Services (Questions, Assistance and Services)

Warranty or service support is not available at your local store or purchase location. You will need to contact your local distributor or HISINGY directly if there is a problem with starting the assembly, installation or use of the product. This will enable HISINGY to better answer your questions and serve you when you may need any assistance.

For questions or assistance, please visit our website www.hisingy.com for product support information, or call the customer service number mentioned in the Contact Warranty and Service Contact Information section to speak with a product supporter.

Inspection or Services

If the product requires inspection or repair and meets the requirements in the country / region where you live and use the product, please use the HISINGY online service on our website to request the submission process, or call HISINGY to obtain a Returned Goods Authorization (RMA) number. Use cartons to securely pack products. Please note that it is best to use the original product packing case, ordinary packing cases are not designed to withstand the strict transportation environment and do not provide additional protection. The shipper and transporter are liable for loss or damage to the package as HISINGY is not responsible for the goods until they have been signed for at our facility. Online service requests are available at www.hisingy.com. If you do not use the Internet, please contact HISINGY Product Support for a RMA number as well as instructions for submitting service offerings. When calling HISINGY, you will be asked to provide your full name, street address, email address, and a phone number where you can be reached during business hours. When sending products to HISINGY, please include your RMA number, a list of included products, and a brief description of the problem. A copy of your original proof of purchase (order, invoice) must be included. Make sure your name, address and RMA number are clearly written on the shipping carton.



NOTICE

Do not ship damaged flight batteries to HISINGY. If you have any questions about flight battery, please contact the appropriate HISINGY Product Support.

Warranty Requirements

Warranty conditions: You must attach your original purchase certificate to verify the date of purchase. If your products meet the warranty conditions, we will provide your products with free repair services or replacement. Repair service or replacement is determined by HISINGY after inspection.

Non-Warranty Service

If your service is not covered by the warranty, we will inform you of the specific payment service.

Federal Communications Commission (FCC) Interference Statement

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.

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

RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Cockatoo & Friends Co., Ltd.

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Product name: TX-100

Item number: ct010101

GB/T 26701-2011



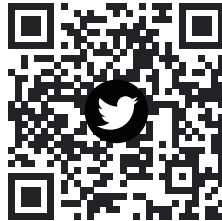
YOUTUBE



INSTAGRAM



FACEBOOK



TWITTER



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