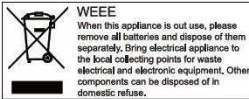


# User Manual

## HOVER-WAY HVR FLAPPERBOT



Age 14+

### What's Included

- Drone
- Remote Control
- USB Charging Cable
- Spare Blades (4)

### Features:

- "Flapping" movement with the color border wings
- Auto-Hover
- One Touch Return
- One Key Take-Off/Landing
- Intelligent Orientation
- Six-Axis Gyro

### Installing Batteries in the Remote Control

1. On the remote control set the on/off switch to on.
2. Use a screwdriver to open the battery compartment.
3. Insert four AAA batteries (not included), matching the polarities marked inside.  
Use alkaline batteries for optimal performance. During play, If the Remote Control's LED flashes, please replace the batteries with new ones

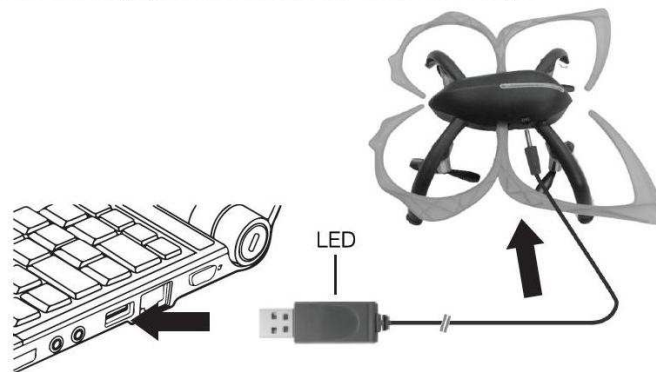
### Charging the Drone Battery

The drone features a 390mAh Polymer Battery (built-in)

1. Turn the drone switch to off.
2. Plug one end of the included USB Charging cable into the Drone. Plug the USB end into a USB port on your computer or USB wall charger.
3. Charge for approximately 60 minutes for a full-charge. After charging is complete, unplug the USB charging cable. After the drone is fully charged, it can fly up to 7 minutes.

**Caution:**

- Only use the supplied Lithium battery. Using any other battery may damage the drone.
- Only use included USB charging cable to connect the drone for charge.



## Get Ready to Fly

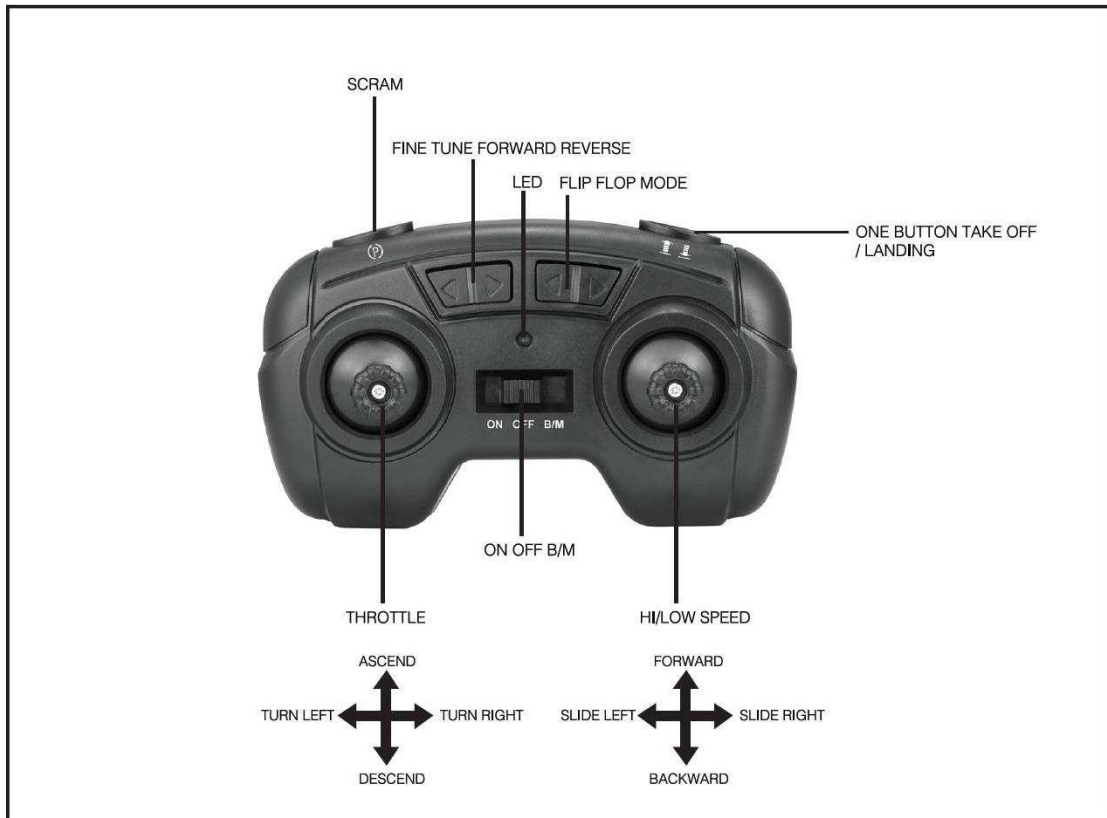
1. Turn on the drone. The LED will flash.
2. Place the drone on level ground.
3. Move the throttle all the way up and then down to pair the remote control with the drone. When paired, the LEDs on both the remote control and drone light steadily.
4. Move the throttle all the way from descent and back to zero position, pair the drone and remote control. Pairing succeed, the transmitter sounds BB. Drone's LED indicator stops flash and keep lights on. Remote control LED indicator stop flashes and keep lights on.

**Note:** If pairing fails, turn off the drone and remote control and repeat the steps above, or change locations to avoid electrical interference



## Fly Your Drone

1. After pairing, push the steering control in to switch between high speed (double beep) and low speed (single beep).
2. Beginners can choose to use low speed/beginner mode. Set the remote control ON/Off switch to beginner mode. After paired, the headlight will flash slowly. Ascending and Descending will become slower.
3. To turn on Auto-Hover mode, press the One Button Take off/Landing button. The drone will automatically fly 2 meters or above and hover.
4. Move the throttle up slowly to ascend. Loosen the throttle to fix the height. Move the throttle down to descend.
5. Press the One Button Take off/Landing button to land. You can also hold down the throttle for 5 seconds to land.
6. Once the drone has landed, turn the drone and remote control off



### Perform Flip Stunts

Press the 360 degree throttle : The Remote Control beeps

1. Press the button of 180degree :The Remote Control beeps.
2. Use the steering control to perform stunts:
  - a) Front flip: Move steering forward
  - b) Back flip: Move steering backward
  - c) Barrel roll: Move steering right or left
- 3.To exit stunts mode, press the throttle again before moving the steering control.



**IMPORTANT:** Make sure there is enough space for the drone to perform stunts without crashing into objects or people.

### Calibrate the Drone

1. After pairing, Move the throttle backward and the steering forward at the same time and hold the two controls until the drone's four LEDs flash for about three seconds.
2. When LEDs stop flashing, calibration is complete. After calibration, the drone should fly smoothly and hover in the air. If not, trim your drone to fine-tune.

## Trim Your Drone

Move the throttle forward and see how the drone reacts.

Forward/Reverse Movement Trim: If the drone tends to move forward, press ; if it tends to move backward, press .



Left/Right Slide Trim: If the drone tends to slide right, press ; if it tends to slide left, press .



**Note:** The remote control beeps when you press a trim control but stops beeping when you reach maximum trim adjustment.

## Replace Damaged Blades

The left and right blades of the drone are different (see A and B markings on the drone and blades). Make sure you insert the correct blade in the correct location to fly properly.

To replace a damaged blade, remove the old one and press the new one onto the blade axle. If you cannot remove the old blade by hand, use pliers.

### WARNING:

- To avoid injury and damage, inspect the blades for nicks and breaks and make sure they are securely attached before and after each flight. Replace nicked, chipped, cracked or broken blades.
- Use only the supplied blades. Do not alter, modify, or customize the blades.

## Fly Safely

- When flying outdoors, keep the drone away from power lines, trees, weeds, and water.
- When flying indoors, keep the drone away from walls, air conditioning, air vents, fans, breakable objects, and other obstacles.
- Do not fly the drone near or at other people or animals.
- Keep eyes, hands, hair, and loose clothing away from moving blades.
- Adult supervision is recommended at all times.

CHOKING HAZARD! Small parts. Not for children under 3 years.

## Specifications

Power  
Drone..... 3.7V 390 mAh lithium polymer battery  
Remote Control..... 4 x AAA batteries (not included)  
Remote Control..... 4 channel, 2.4GHz  
Actual product may vary from the images found in this document.

### **Battery Notes**

- Always let the drone battery cool before recharging.
- Dispose of old batteries promptly and properly. Do not burn or bury them. Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- If you do not plan to use the drone for a long period, remove the batteries from the remote control. Batteries can leak chemicals that can damage electronic parts.

### **Lithium Battery Notes**

- Do not puncture or crush. Do not disassemble.
- Do not dispose of lithium batteries in the trash.
- Follow the manufacturer's instructions for charging the drone and do not charge longer than recommended. Unplug the charging cable when the drone is charged.
- Do not attempt to charge or operate damaged toys.

### **Important Safeguards:**

When using an electrical product, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING:

- THIS IS NOT A TOY.
- Please do not attempt to change or remove the lithium battery yourself.
- Do not dispose of batteries in fire.
- Do not leave batteries in hot places such as an automobile under direct sunlight.
- Do not mix used and new batteries, or install used batteries in other equipment.
- Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium) or (Nickel Metal Hydride) batteries.
- Do not reverse the polarity (positive and negative terminals) of batteries.
- For best results, use type AAA batteries.
- Install only new batteries of the same type in your product.
- Failure to insert batteries in the correct polarity, as indicated in the battery compartment, may shorten the life of the batteries or cause batteries to leak.
- Batteries should be recycled or disposed of as per state and local guidelines.

## **FCC Information**

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.

If you cannot eliminate the interference, the FCC requires that you stop using your equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

## **Support**

**If you are having problems with your product, please contact  
Hover-Way Customer Support before contacting your retailer.  
(866) 696-3421 • [support@hover-way.com](mailto:support@hover-way.com)**

### **Limited Warranty Statement**

Hover-Way provides warranty against defects in workmanship and materials for a 12 month period from the original purchase date. Hover-Way requires valid documented Proof of Purchase (receipt from retailer) in order to obtain warranty services. If this product fails during the 12 month limited warranty period, Hover-Way reserves the right to repair or replace any parts or products that are determined to be defective due to workmanship or material. Any replacement or repair done by Hover-Way services, will not restart your 12 month limited warranty. Your device is only covered under the original warranty period. This warranty is only offered to the original purchaser of the product and is not transferable to anyone else.

Hover-Way's Limited Warranty does not cover damages caused by user operation, cleaning and maintenance of product, incorrect installation, any accidents or damages from extreme temperatures and/or improper use or handling. Hover-Way's limited warranty does not cover the products from software issues or normal wear and tear of the product, nor does it cover any problem that is caused by conditions, malfunctions, or damage not resulting from defects in material or workmanship. These conditions may include, but are not limited to, road hazards, accidents, and improper operation or maintenance. Hover-Way reserves the right to not provide service for products whose serial numbers have been altered, defaced and/or removed as well as products whose housing have been opened. In no event shall Hover-Way be liable for any incidental, indirect, or consequential damages or liabilities (including but not limited to, incidental or consequential damages for loss of time, inconvenience, loss of use of product, or any other consequential or incidental loss) in connection with the purchase, use, or operation of Hover-Way products. Hover-Way is not liable for property damage, personal injury, or death.

Please contact Hover-Way using the phone number above for specific instructions on obtaining warranty services.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.