Before your first flight

Read these instructions before powering on the aircraft.

1 Prepare a clear flight area

Use a wide, open area away from crowds, buildings, trees, power lines, roads and water. Fly in calm, dry conditions. Keep the aircraft in sight and keep people clear of the propellers.

2 Inspect the aircraft

Check the propellers for cracks, bending and damage. Make sure the battery and other parts are secure. Stop using the aircraft if parts or wiring are damaged. Keep loose clothing, fingers and hair away from rotating propellers.

3 Battery and charging precautions

Charge with the supplied charger/cable and the matching battery connector. An adult must supervise charging. Charge on a nonflammable surface, away from heat and sunlight; do not leave charging unattended. Do not short-circuit, crush, puncture or heat a battery. Do not use a swollen, leaking or damaged battery.

4 Supervision and care

Children require adult supervision. Do not allow children under 3 to use this product. Keep small parts and packaging away from children. Clean with a soft cloth; do not immerse the aircraft or allow water into its electronics. Remove batteries for extended storage.

Important: One-key back is not GPS return-to-home. It does not automatically locate the controller or stop at the takeoff point.

Power and controller

Battery preparation and button reference

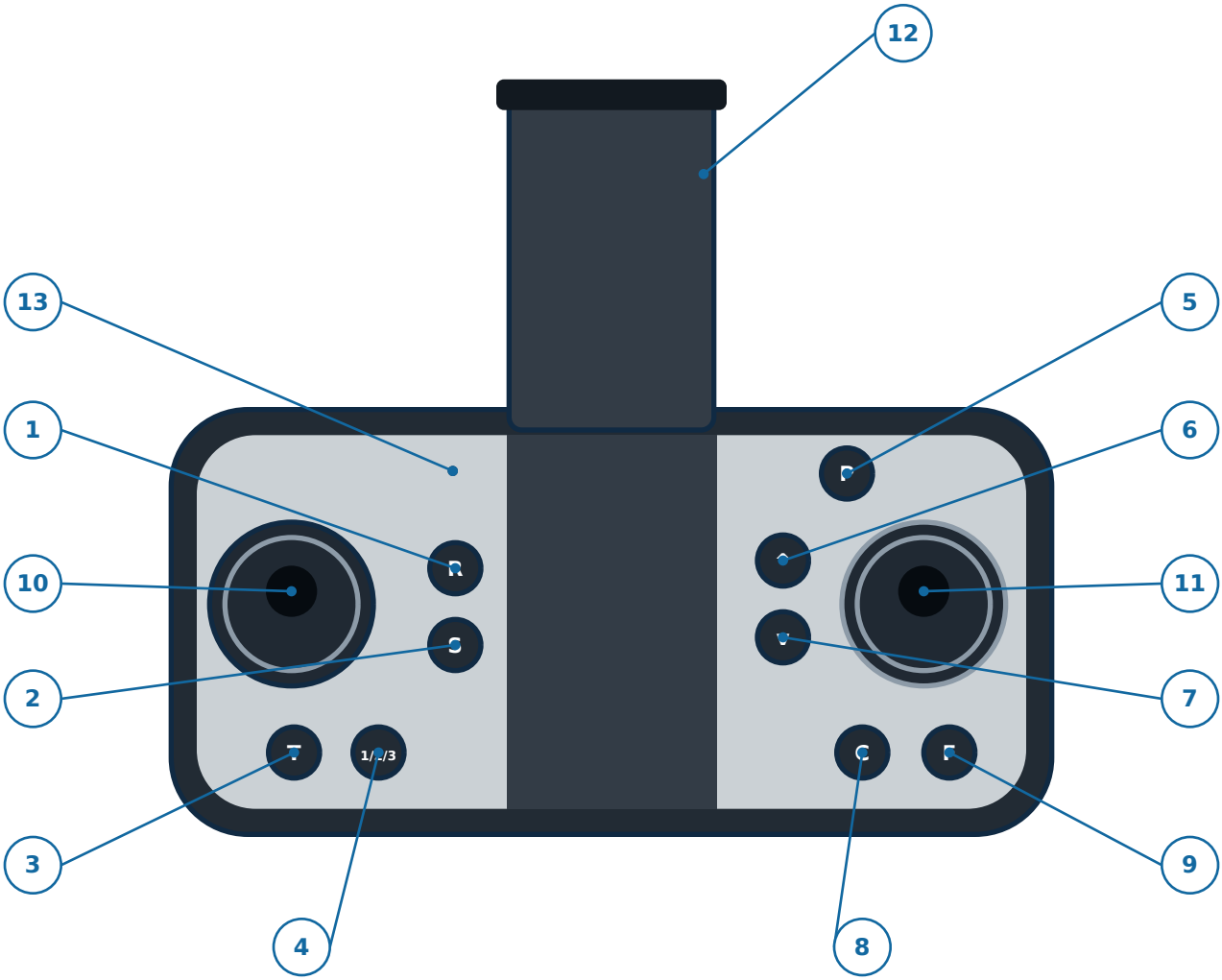
1. Open the controller battery cover. Install **three AA batteries**, matching the + and - marks. Refit and secure the cover. Do not mix old and new batteries or different battery types; do not recharge ordinary AA batteries.

2. Connect the aircraft battery to the supplied charging cable, matching the connector. Follow the supplied charger markings to confirm charging is complete.

3. Disconnect charging equipment before fitting the aircraft battery. Place the aircraft on a level surface before pairing or calibration.

Controller reference

Match each numbered line to the operating key on the next page.



Short press: press and release. **Long press:** press and hold. No fixed hold time is specified for these controls.

Use the numbers to identify the controls. The letters inside the drawn buttons are reference symbols; use the button positions to match the physical controller.

Controller operating key

Button numbers match the digital drawing on the previous page.

1 360-degree roll
Short press: activate the roll function. Confirm the required directional input before attempting a stunt. **Long press:** no separate action specified.

2 Spray / one-key back
Short press: activate rear mist spray. **Long press:** activate one-key backward movement. Move the right stick to cancel. This is not GPS return-to-home.

3 Takeoff / landing
Short press: take off; press again to land. Descend below 5 metres before using one-key landing. **Long press:** no separate action specified.

4 Speed selection
Short press: cycle slow, medium and fast. Listen for one, two or three beeps. **Long press:** no separate action specified.

5 Power
Press to turn the controller on or off. A specific short-press or long-press duration is not specified.

6 / 7 Camera up / camera down
Press the upper arrow to raise the camera angle; press the lower arrow to lower it. No separate long-press action is specified.

8 Photo / video
Short press: take a photo. **Long press:** start recording video; press again to stop recording.

9 Fine adjustment / obstacle avoidance
Short press: activate fine adjustment. **Long press:** activate obstacle avoidance. Keep control of the aircraft and watch for obstacles.

Sticks and phone holder

Numbers 10-13 on the controller drawing

10 Left control stick

Push up to rise and down to descend. Move left or right to rotate the aircraft. Move the stick gently and return it toward centre to stop the commanded movement. Short press and long press do not apply to stick movement.

11 Right control stick

Push up to fly forward and down to fly backward. Move left or right to fly sideways. Directions follow the aircraft orientation. When the drone faces you, its left and right appear reversed. Short press and long press do not apply to stick movement.

12 Folding phone holder

Raise the holder and secure the phone before flight. Position the phone so it does not obstruct either stick or the buttons. This is a mechanical holder; it has no short-press or long-press function.

13 Indicator opening

Observe the controller indicator when powering on and connecting. This is an indicator opening, not a button; do not press or insert objects into it.

Connect and take off

Start at low speed and use small control movements.

1. Position the aircraft on a flat surface, with its rear facing you. Keep everyone clear of its propellers.

2. Turn on the aircraft and controller. Wait for their connection. If the aircraft continues flashing and does not respond, turn both off and retry pairing. Confirm the pairing sequence on the original controller instructions before using any stick combination.

3. Calibrate on a level surface before flight. For **external eight calibration**, move both sticks together into its indicated calibration position; lights flash and then stop when complete. Confirm the exact stick positions on the original printed calibration diagram before performing this step.

4. Select slow speed. Press the takeoff/landing button once to take off. Stay low and practice hovering with small stick inputs.

5. To land, bring the drone over a clear, level area and press the takeoff/landing button again. One-key descent is ineffective above 5 metres; descend below that height first.

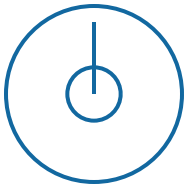
6. After landing and after the propellers stop, turn off the aircraft and controller. Disconnect the aircraft battery before handling or storing it.

Practice before using stunts

Practice ascent, descent, turning, forward/backward flight and sideways movement before trying rolls. When the drone faces you, its left/right movement appears reversed from your viewpoint.

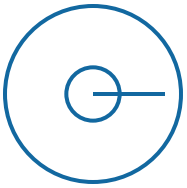
Flight controls

Directions are relative to the aircraft.



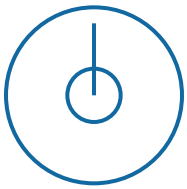
Altitude

Left stick up: rise; down: descend



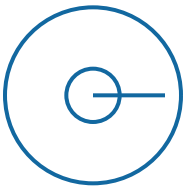
Rotation

Left stick left/right: turn



Forward / backward

Right stick up/down: forward/back



Left / right

Right stick left/right: sideways

Speed, camera and fine adjustment

Speed: Slow is the default. Listen for one beep for slow, two for medium and three for fast; cycle the speed button to change modes.

Camera angle: Use the camera up/down buttons to adjust the view. **Photo:** short press the photo/video button. **Video:** long press to begin recording; press again to end.

Drift: Use fine adjustment for small corrections. If drift persists, land and recalibrate on a level surface. Do not continue flying an aircraft that is unstable.

Spray, rolls and one-key back

Special functions

Rear mist spray

1. Use the spray button shown as 2 on the controller map.

2. Press it briefly to activate rear spray mode. The tail spray unit produces the visible mist effect.

Identify the reservoir opening and confirm its filling instructions and capacity before adding liquid. Keep liquid away from the battery and electronics. The visible effect is mist, not hot steam.

360-degree roll

1. Move to a clear area with space around, above and below the aircraft. Establish a stable hover and keep clear of people and obstacles.

2. Press the roll button, shown as 1 on the controller map, to activate the rolling function. Confirm any required follow-up directional input on the original roll-control diagram.

One-key back

1. Long press button 2 to start backward-return movement.

2. Watch the aircraft continuously. Operate the right stick to stop/cancel the movement and steer manually.

This is not GPS navigation. The aircraft moves backward relative to its takeoff orientation. It does not stop automatically at the takeoff point. Do not rely on it to recover a lost aircraft.

Phone app and troubleshooting

App instructions supplied with the aircraft

Connect the camera view

1. Install the **KY UFO** app through your phone's app store,

2. Turn on the aircraft. Open the phone's Wi-Fi settings and connect to the aircraft network, named **Flow-xxxxx**.

3. Open KY UFO and tap **Start** to enter the live-view screen. Use landscape orientation for flight controls; flight control is unavailable in vertical-screen mode.

Use the app toolbar for lens switching, album, MV, gestures, zoom, trajectory, split screen, mirror, gravity control, calibration, headless mode and speed. The on-screen layout may vary. Use the camera and video icons for capture; the bottom controls include takeoff/landing, control switch and emergency stop. Emergency stop cuts flight and can cause a fall; use only when necessary to prevent immediate harm.

Solve common problems

Lights flash; no response: Connection may have failed. Power off and retry pairing.

No power or response: Check both power switches, battery charge, polarity and contacts.

Motors will not start; lights flash: Recharge or replace the aircraft battery.

Propellers spin but no lift: Check for bent/damaged propellers and low battery charge.

Severe vibration: Land immediately and replace damaged propellers with the correct matching parts.

Persistent drift or loss of balance: Land, restart and recalibrate on a level surface.

Keep this guide for reference. Confirm any control sequence that is not fully specified before attempting it.