Controller button map

Flight instructions and controller reference

Front controls



No. / control	What it does
1 Power	Press and hold to switch the controller on or off.
2 Left stick	Up/down: climb/descend. Left/right: rotate the aircraft.
3 Right stick	Up/down: fly forward/backward. Left/right: fly sideways.
4 Calibration	Short press: gyroscope calibration on level ground. Press and hold: begin compass calibration; follow the app prompts.
5 GPS / lights	Short press: aircraft lights. Press and hold before satellite lock: switch GPS/optical-flow mode. Check the mode indication before takeoff.
6 Unlock / takeoff	Short press to unlock the motors; press again to initiate takeoff. Keep the propeller area clear.
7 Return	Press to start GPS return-to-home. Press again or use the sticks to cancel a normal return.
8 LCD	Displays flight information, battery indications and GPS/mode status.
9 Phone holder	Unfold the bracket and secure the phone before flying.

Prepare and connect

Flight instructions and controller reference



MT11 folding drone: gray body, four arms and front camera assembly.

Before every flight

1. Charge the aircraft battery and controller using their supplied charging equipment. Disconnect when charging is complete.

2. Check the arms, propellers and motors for damage or looseness. Unfold all arms fully and install the battery securely.

3. Choose a broad, dry, open area away from people, trees, buildings, power lines and water. Keep the aircraft in sight.

4. Place the drone on level ground with its nose pointing away from you. Keep hands and clothing clear of the propellers.

Switch on and pair

Switch on the aircraft, then switch on the controller. Keep the aircraft stationary while pairing completes. Confirm that the controller connects before attempting takeoff. If it does not connect, switch both devices off and repeat the sequence.

Connect the camera app

Use the MT11-compatible app identified by the product's app label. In the phone's Wi-Fi settings, connect to the aircraft network, then open the app and confirm the live camera view. A drone Wi-Fi connection may report that it has no internet access; keep the connection for the camera link.

Calibrate and fly

Flight instructions and controller reference

Gyroscope calibration - button 4

1. Place the drone flat, horizontal and completely still.

2. Short-press the calibration button.

3. Wait for the calibration indication to finish before moving the drone or starting its motors.

Compass calibration - button 4

Calibrate outdoors away from vehicles, metal structures, magnets and reinforced surfaces. Press and hold the calibration button to enter compass calibration. Follow the app's horizontal and vertical rotation prompts until it confirms completion. Put the drone back on level ground.

GPS mode - button 5

For outdoor GPS flight, wait for satellite acquisition and a ready GPS indication before takeoff. If GPS will not lock, move to a clearer area. Select optical-flow mode only on the ground, before satellite lock, and confirm the mode on the LCD/app. Optical flow needs good lighting and a textured, nonreflective surface.

Automatic return requires GPS. Do not rely on GPS return in optical-flow mode or without a valid home point. Return-to-home cannot guarantee a clear route around obstacles.

Take off - button 6

With the launch area clear and calibration complete, press Unlock/Takeoff to start the motors. Press again to take off. Make small stick movements and practice a low, nearby hover before flying farther away.

Land and shut down

Use the left stick to descend gently onto a clear, level surface. Wait until every propeller stops before approaching. Switch the aircraft off, then switch the controller off. Disconnect the battery before inspection or storage.

Camera and return

Flight instructions and controller reference

Camera and upper controls

Control	Action
Camera roller	Roll to tilt the front camera up or down.
Speed control	Change the speed setting. Begin in the lowest setting while learning.
Photo / video control	Short press takes a photo. Press and hold to start video; hold again to stop.
App capture controls	Choose photo or video mode, then use the on-screen capture button. Confirm that video recording has stopped before switching off.

Return-to-home - button 7

1. Check that GPS is available and the route to the takeoff point is clear.

2. Press Return. Watch the aircraft throughout its return and landing.

3. To cancel a normal return, press Return again or move a control stick. Be ready to control the aircraft manually.

Low battery and connection loss

Monitor both aircraft and controller battery indications. Bring the aircraft back and land early when power becomes low. GPS failsafe behavior depends on valid positioning and connection conditions; do not wait for automatic recovery to end a flight.

Safe handling

Never touch moving propellers. Avoid rain, strong wind and poor visibility. Keep batteries away from heat and combustible materials. Stop using a damaged battery, charger or propeller. Use the correct A/B replacement propellers in their marked positions.

Quick troubleshooting

No connection: restart on level ground and check battery charge. **No camera image:** reconnect the phone to the aircraft Wi-Fi. **Drift:** land, check the propellers and recalibrate on level ground. **No GPS lock:** move away from roofs, trees, metal and interference.