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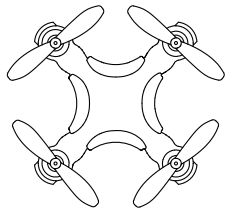
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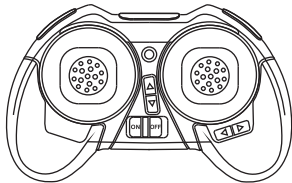
WildFX

MICRO X-3 NANO DRONE

ODYSSEY
INSPIRING IMAGINATION

What's it in the box?

WildFX Quadcopter Drone
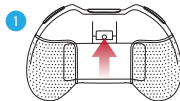

WildFX Controller
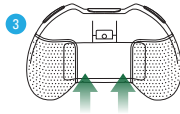

USB Charging Cable

Replacement Blades x4

Battery Installation

1. Turn the Controller upside-down and open the battery cover by pulling up on the tab above the cover.
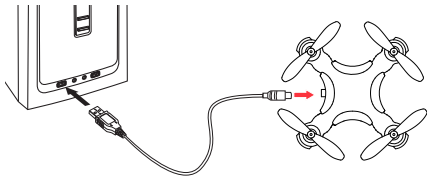

2. Install two AAA alkaline batteries (not included), making sure the polarity ("+" and "-") is correct.

3. Re-attach the battery cover by first inserted the two tabs at the bottom of the cover, then pushing in the tab until it clicks.

Charging the Drone

1. Locate the charging slot just below the ON/OFF switch of the Quadcopter and carefully plug in the small end of the charging cord. The small tab below the connector should be on the bottom.

2. Connect the USB end of the Charging Cable to a computer or to a smart phone charger, but use only the standard +5 +0.5V USB chargers. While charging, the red LED inside the USB casing will illuminate. When the Quadcopter is fully charged, the light will go out. To prevent damage, remove the Charging Cord from the Quadcopter as soon as the charging light goes out.

⚠ CAUTION

DO NOT OVERCHARGE THE BATTERY TO AVOID OVERHEATING AND DAMAGE TO THE RECHARGEABLE BATTERY!

When charging through the included USB cable: The red LED light illuminates to show the battery is charging. The red LED light goes out to indicate charging is complete. Remove the charger from the USB charger or computer immediately.
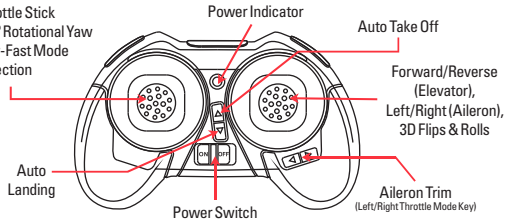
ALWAYS CHARGE UNDER ADULT SUPERVISION!

⚠ NOTICE

The battery usually comes with a partial charge from the factory. It is recommended to use the WildFX Quadcopter Drone and completely discharge the battery before charging for the first time.

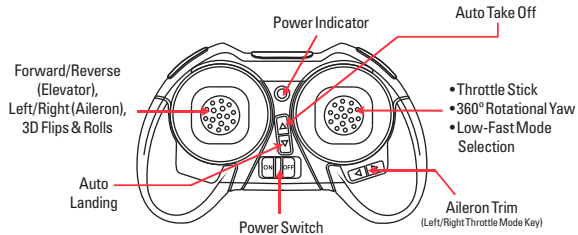**Left-Handed Throttle (Mode 2)/Default**

- Throttle Stick
- 360° Rotational Yaw
- Low-Fast Mode Selection

Power Indicator

Auto Take Off

Forward/Reverse (Elevator), Left/Right (Aileron), 3D Flips & Rolls

Auto Landing

Power Switch

Aileron Trim (Left/Right Throttle Mode Key)

Your WildFX Drone will allow you to change the Throttle Stick to the right and the Directional Stick to the left position. With the Controller off, hold down the Aileron Trim button while turning on the Controller. Then release the Aileron Trim button. Mode 2 is set by default.

Right-Handed Throttle (Mode 1)

Power Indicator

Auto Take Off

Forward/Reverse (Elevator), Left/Right (Aileron), 3D Flips & Rolls

- Throttle Stick
- 360° Rotational Yaw
- Low-Fast Mode Selection

Auto Landing

Power Switch

Aileron Trim (Left/Right Throttle Mode Key)

Note: The default setting switches the Throttle to the right-hand stick and the Directional control to the left-hand stick. If you are in Right-Hand Throttle Mode, you will need to take this switch into account in following any of the directions in this manual.
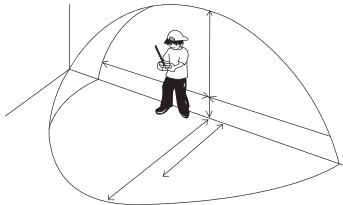
Check Your Flight Environment

Always fly on a sunny, bright day with as little wind as possible. Flying in extreme heat or cold will affect your ability to properly control your drone.
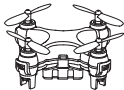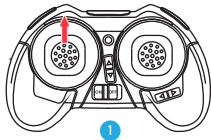
Always be sure to have adequate space around you to fly the vehicle. Be aware of your surroundings to make sure people or pets are not in the immediate vicinity.

- Be sure so secure loose hair and/or clothing.
- Be sure to have at least 10 feet of clear space in all directions.
- Make sure your unit is fully charged to avoid erratic flying and proper response from your drone.
- Be sure to have fresh batteries in the remote control.
- Make sure to not fly over/around any water, as falling into water will damage the drone.
- Check all your propellers for damage before flying.

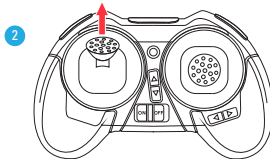# Pairing your drone unit   to the remote control.

After you've fully charged your drone and properly installed the batteries in your controller, you're ready to use your Wild FX. Before each use, you must pair the drone with the controller so they can communicate with each other.
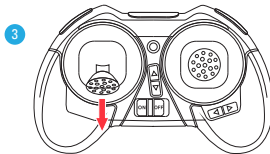

1. Turn on the drone and place it on a flat surface.
2. Its indicator lights will flash.

(NOTE: You will need to re-pair the units after each flight or after the units are turned off.)
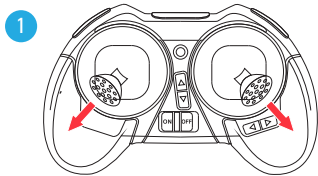

2. Turn on the controller. It will beep once. Move the throttle throttle (the left-hand stick in default mode) stick up to the 12 o"clock position.

3. Then move the throttle all the way down to the six o'clock position. The controller's and the drone's lights will stop flashing and show a steady light, indicating a successful pairing.
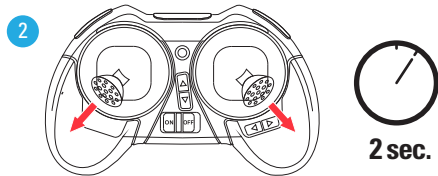
Note: After "Step 3," be patient. It may take up to 7 seconds for the lights to stop flashing, confirming a successful pairing.

How to Start/Stop the Motors

1. Once your units are paired, you're ready to arm the motors—to get the propellers spinning. Start the motors by pushing both sticks at the same time. Simultaneously push the left hand throttle stick to the 7 o'clock position and the right-hand throttle stick to the 5 o'clock position. The propellers on the quadcopter will start to spin, not enough to lift the quadcopter, but they're ready for command to take off!
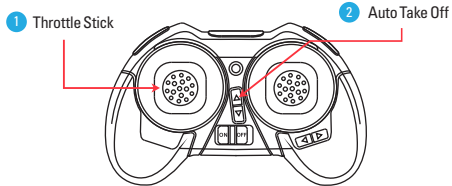
2 sec.

2. To stop the motors (for example, after landing), again push the sticks at the same time to the 5 and 7 o'clock positions and hold them there for 2 seconds. The propellers will stop spinning.

1 Throttle Stick

2 Auto Take Off

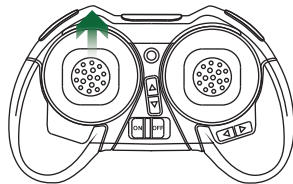To take off you have two options: 1. Auto Take -Off
2. Manual Operation

Option 1 – Auto Take-Off
With the units paired and the drone on a flat surface, push up the Auto Take-off button. Your drone should rise to an altitude of about 2 feet off of the surface. adjust altitude by pushing the Throttle (left-hand) stick up to fly higher and push it down to fly lower. To maintain altitude, release the throttle so that it returns to the center.

Option 2 – Manual Operation
With the units paired and the motors started and in motion and the propellers spinning, push up on the throttle stick (Diagram shows Left-Handed Mode 2).
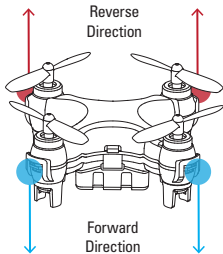
Depending on weather conditions, have the drone climb to an altitude of about 3-4 feet. Adjust altitude by pushing the Throttle (left-hand) stick up to fly higher and push it down to fly lower. To maintain altitude, release the throttle so that it returns to the center.

Practice maneuvering by using the Directional (right-hand) Stick, going to the left and right and forward and backward (toward you). Keep your drone within 25 feet so that it maintains contact with your controller. Be cautious whenever your drone is flying toward you or anyone else. Do not permit your drone to get too close. You can always push the Auto-Landing button if necessary. (See "Landing," next page.)
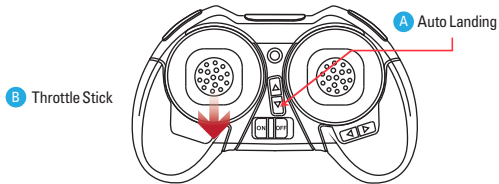
Notice that the two blue LEDs indicate the front of the Drone. Giving it the command to fly forward will send it in the direction of its front. If you need to reposition the front of the Drone for better control, push the Throttle Stick to the left or right to turn the Drone in flight.

Reverse
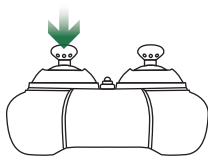Direction

Forward
Direction

Landing

Whenever you want to land, press the (A) Auto-Landing button. (This is a handy button for emergencies—when your Drone gets dangerously close to people or objects.) You can also practice landing "manually" by using the Throttle Stick (B) to slowly lower your Drone. After landing, disarm the motors. (See page 13.)
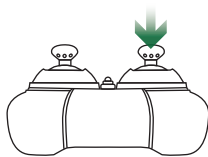
A Auto Landing

B Throttle Stick

Mode Settings

You can fly in 3 unique modes: Beginner, Intermediate, or Advanced. Your unit is in Beginner Mode as its default setting. To change flying modes, while the Controller is on, gently press the Throttle Stick straight down. The Controller will beep once, indicating it's in Beginner Mode. Gently press the Throttle Stick straight down again, and the Controller will beep twice, indicating it's in Intermediate Mode. Gently press the Throttle Stick straight down once more time, and the Controller will beep three times, indicating it's in Advanced Mode.

Left-Handed Throttle
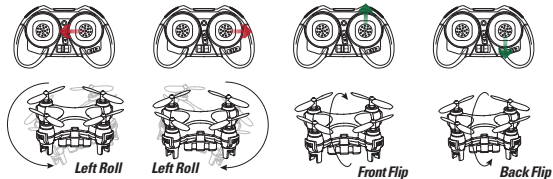(Mode 2)

Right-Handed Throttle
(Mode 1)

Advanced Features

Fast Rotation (Requires Advanced Mode setting)
When your Drone is flying at a fixed altitude, push the Throttle Stick to the left to rotate the Drone counter-clockwise, or push the Throttle Stick to the right to rotate the Drone clockwise.

360° Flips & Rolls
You can perform flips and rolls in any of the three modes. Press the Directional Stick straight down and release it. The Controller will beep once, indicating that Flip-Roll Mode is turned on. While the Controller beeps, move the move the Directional Stick quickly in the direction in which the Flip-Roll is wanted (right or left).

Left Roll   Left Roll   Front Flip   Back Flip

NOTE: Make sure there is enough space in each direction before performing a Flip-Roll, and keep a safe height of at least 3½ feet. Flips and Rolls are better performed while ascending, as it is then easier to maintain altitude.
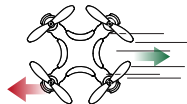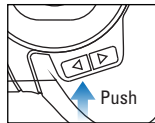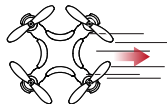
Calibrating the Accelerometer

If your Drone begins to be unstable during flight or drifts quickly to one direction, correct these problems by trimming the unit.

1. Place the Drone on a flat surface. Turn on the Drone and the Controller and pair them.

2. Enter the Advance Mode (see above) by pressing the Throttle Stick and releasing it three times.

3. Push the Throttle Stick and Directional Stick to the lowest right corner (7 o'clock position) and hold them there. The indicator lights will flash for 1-2 seconds. Release the sticks. Wait until the LEDs stop flashing, which will indicate a successful calibration.
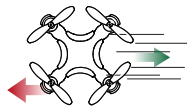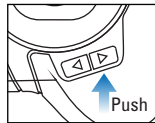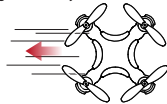
Trimming the Drone

Left Trim Adjustment

If your Drone drifts/moves to the right without any input from the directional stick, then push the left trim button. Adjust as necessary.
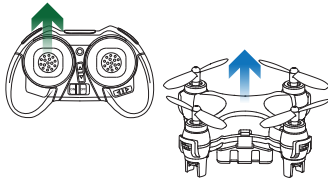
Right Trim Adjustment

If your Drone drifts/moves to the left without any input from the directional stick, then push the right trim button. Adjust as necessary.
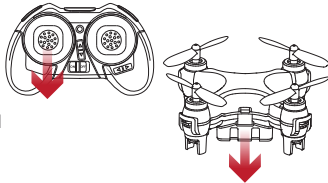
TO ASCEND

To make your Drone fly higher, gradually push the left throttle stick (the left-hand stick) forward (away from you) until your Drone reaches the desired altitude.

TO DESCEND

To make your Drone fly lower, gradually pull the throttle stick backward (toward you) to stop the propellers from spinning and therefore decrease altitude.

FLIGHT DIRECTION
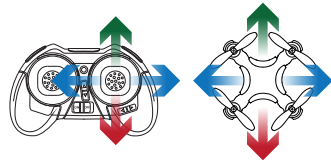
To fly forward: Push the direction stick (the right-hand joystick) forward.
To fly backward: Pull the direction stick backward.
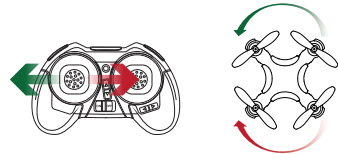To strafe (lateral) to the left: Push the direction stick to the left.
To strafe (lateral) to the right: Push the direction stick to the right.

TURN LEFT/RIGHT

Turn left: Push the throttle stick to the left.
Turn right: Push the throttle stick to the right.

General Care & Maintenance

- Do not submerge the unit in any liquids.
- Keep the unit dry.
- Disconnect the unit and monitor from USB power sources when not in use.
- Do not place the unit near powerful, un-shielded magnets.
- Do not expose the unit to extreme hot or cold temperatures.
- Do not hit, drop, or smash the unit with extreme force.
- Do not disassemble the unit for any reason.

NOT FOLLOWING THESE PRECAUTIONS WILL VOID YOUR WARRANTY.

⚠ CAUTIONS & NOTICES

Before operating your Pocket Drone for the first time, please read through the following notices to be aware of proper drone and battery care.

Suitable for ages 12 and older. Adult supervision is always recommended.
This product contains small parts that are a choking hazard. Keep away from small children.
Keep the drone (the flying element) at least 10 feet away from yourself, other people, and objects during use.
Correctly assemble all parts of the WildFX Quadcopter Drone and fly it only under the guidelines of this instruction manual. Small parts should be assembled by an adult.
Keep hands, hair, and loose clothing away from the propellers when powered on to prevent injury to yourself or damage to the product.
The WildFX Quadcopter Drone should not be flown in windy conditions (winds of 5 MPH or stronger) or near any body of water.
Never leave a charging battery unattended. The battery may become damaged from overcharging.
Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
Please retain this manual for future reference.

How to Maintain Your Battery

Your Drone is furnished with a removable, rechargeable battery. Please pay careful attention to the following safety instructions:

1. Use only the charging USB cord provided by Odyssey Toys for charging.
2. When charging the battery, if the battery is too hot it means the battery is overcharged. In such a case, stop charging the battery immediately. Overcharging could damage the battery permanently.
3. After flying, the Drone's battery temperature may be relatively high. Wait 10 minutes until the battery has cooled before recharging.
4. Turn off both the Drone and Controller whenever it is not in use. If you don't plan on flying your Drone for a time, charge the battery for about 1 hour before storing it.

Caution: There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to local laws. Never leave this product unattended while charging—this can be a fire hazard.

Remote Control Battery Rederence

PLEASE REFERENCE THESE NOTICES ON THE BATTERIES FOR THE REMOTE CONTROL

Use only AAA non-rechargeable battery or AAA rechargeable battery in the controller.
Do not mix the two types.
Insert batteries with correct polarity.
Do not short circuit the supply terminals.
Lithium ion batteries can be flammable if misused.
Do not mix old and new batteries.
Do not mix alkaline batteries, standard (carbon-zinc), or rechargeable (nickel-cadmium/NiCad) batteries.
Remove exhausted or drained batteries.
Remove rechargeable batteries before charging them.
Remove and store the batteries away from the Controller when not in use to avoid damage from battery leakage.