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› FLYNOVA Hand Operated Mini Drone User Manual

FLYNOVA Black-1

FLYNOVA Hand Operated Mini Drone User Manual

Model: Black-1

1. INTRODUCTION

The FLYNOVA Hand Operated Mini Drone is a compact, interactive flying toy designed for both indoor and outdoor use. Its unique design allows for hand-controlled flight, offering various flight paths and tricks. Equipped with flashing LED lights, it provides an engaging experience for users aged 8 and up.



Figure 1: The FLYNOVA Hand Operated Mini Drone, showcasing its vibrant LED lights during operation.

2. WHAT'S IN THE BOX

Upon unboxing your FLYNOVA Mini Drone, please ensure all the following components are present:

- 1x FLYNOVA Hand Operated Mini Drone
- 1x Micro-USB Charging Cable
- 1x USB Charger

3. SETUP AND CHARGING

3.1 Charging the Device

Before first use, fully charge your FLYNOVA Mini Drone. A full charge typically takes approximately 15 minutes and provides up to 10 minutes of flight time.

1. Locate the Micro-USB charging port on the drone.
2. Connect the provided Micro-USB cable to the drone and the USB charger.
3. Plug the USB charger into a compatible power source (e.g., computer USB port, power bank, or wall adapter).
4. The indicator light on the drone will illuminate during charging and turn off once fully charged.



Figure 2: The FLYNOVA drone connected for USB fast charging, illustrating compatibility with various USB power sources.



Figure 3: Detailed view of the drone's ON/OFF button and USB charging interface.

3.2 Powering On/Off

To power on the drone, locate the ON/OFF button (refer to Figure 3) and slide it to the 'ON' position. To power off, slide the button to the 'OFF' position.

4. OPERATING INSTRUCTIONS

4.1 Basic Flight

The FLYNOVA drone is designed for easy, hand-operated flight. To initiate flight:

1. Ensure the drone is fully charged and powered on.
2. Hold the drone by its center axis.
3. Gently spin the wheel to start the propellers.
4. Give it a toss to launch it into the air.

Different throwing speeds and angles will result in varied flight paths, allowing for a range of tricks and maneuvers.



Figure 4: The FLYNOVA drone in hand, showcasing its vibrant Scintillation RGB Lights during operation.

FLYNOVA

Intelligent Flight



Figure 5: Demonstrating the intelligent flight capability as the drone is launched from the hand.

Intelligent Swirling

It will automatically gyrate, so that you can better interact with it



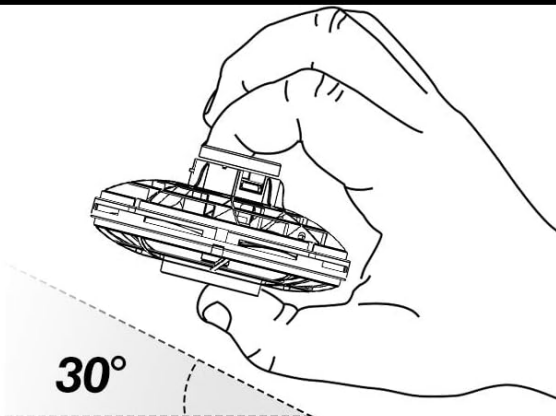
Figure 6: The drone's intelligent swirling motion, allowing for interactive play.

4.2 Advanced Play Modes

Explore various flight patterns and tricks with practice:

- **Gyroscope Play:** Throw the drone upwards, tilting it up by 30 degrees. It will spin around its axis and return to you like a boomerang.
- **Low Altitude Play:** When the device is turned on, push the aircraft horizontally to release. It will float forward or fall in inertia.
- **Diving Play:** Turn on the switch, tilt the drone down by -30 degrees horizontally, and release. The drone will perform a diving motion.
- **Suspension Play:** On a flat surface, release your fingers as the aircraft spins. It will float in the air or rise slowly.

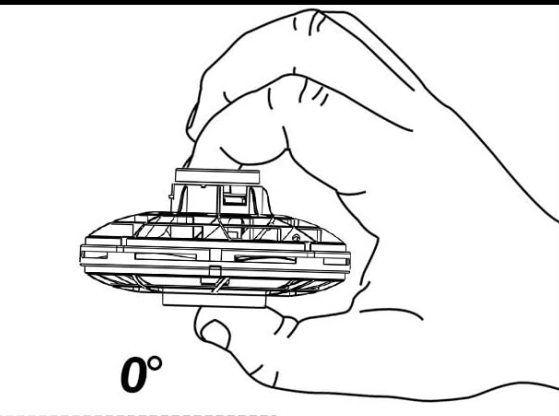
GYROSCOPE PLAY



30°

Tilt up 30 ° and push the aircraft forward
It will cycle and return

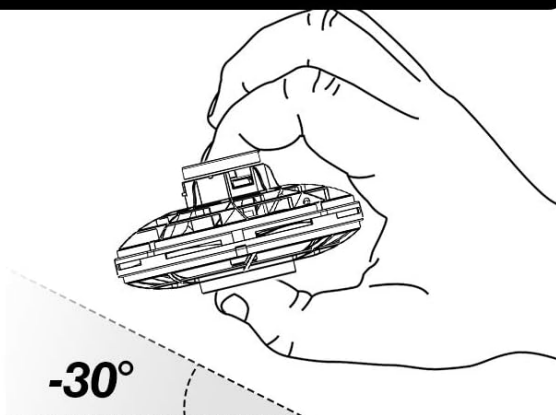
LOW ALTITUDE PLAY



0°

When the device is turned on, the aircraft
is pushed horizontally to release,
He will float forward or fall in inertia

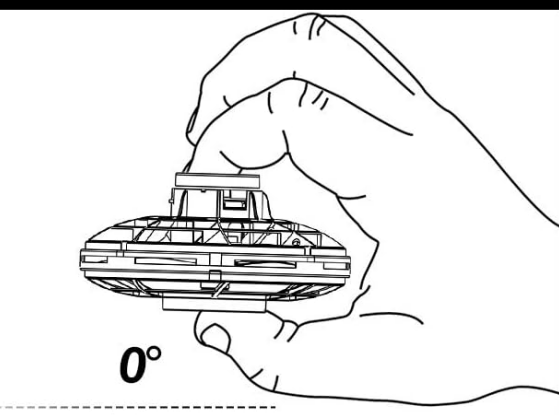
DIVING PLAY



-30°

Turn on the switch, tilt down -30 °
horizontally and release
Aircraft, he's going to dive

SUSPENSION PLAY



0°

On the plane, release your fingers as the
aircraft spins It will float in the air or
rise slowly

Figure 7: Visual guide to different flight techniques and play modes.

5. MAINTENANCE

5.1 Durability and Safety

The FLYNOVA drone is constructed from high-quality, non-toxic ABS material, designed to withstand impacts. The enclosed wheel design protects hands during spinning and helps prevent damage from collisions.

Anti-Drop and Damage Prevention



Figure 8: The drone's robust design for anti-drop and damage prevention.

5.2 Cleaning and Storage

To maintain your drone's performance, wipe it clean with a dry cloth after use. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Drone not flying or losing power quickly:** Ensure the drone is fully charged. A 15-minute charge provides approximately 10 minutes of flight time.
- **Difficulty controlling flight path:** Practice different throwing speeds and angles. The drone's flight is influenced by how it's launched.
- **Propellers not spinning:** Check if the drone is powered on and fully charged. Ensure no debris is obstructing the propellers.
- **Drone bounces excessively:** This is normal behavior, especially when hitting surfaces. The durable

design is intended to withstand such impacts.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.15 x 3.15 x 1.57 inches
Item Weight	3.13 ounces
Model Number	Black-1
Manufacturer Recommended Age	8 years and up
Material	High-quality non-toxic ABS
Charging Time	Approx. 15 minutes
Flight Time	Approx. 10 minutes

8. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty information, please contact FLYNOVA customer service through the retailer's platform or the official FLYNOVA website. Please retain your proof of purchase for warranty claims.