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› ODYSSEY Toys Infinity NX Drone User Manual

Odyssey ODY-1715

ODYSSEY Toys Infinity NX Drone User Manual

Model: ODY-1715

INTRODUCTION

Welcome to the user manual for your ODYSSEY Toys Infinity NX Drone. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your drone. Please read it thoroughly before first use to ensure safe and optimal performance.

The Infinity NX Drone features a 720p camera, Wi-Fi connectivity for smartphone control, auto hover and landing, and a waypoint function for automated flight paths. It includes a remote controller, rechargeable battery, and USB charging cable, providing a comprehensive package for an engaging flight experience.



Image of the Odyssey Infinity NX Drone, showcasing its compact design with a black central body and silver propeller arms. The drone features four propellers and an integrated camera at the front.

SETUP

Unboxing and Component Check

Carefully remove all components from the packaging. Ensure the following items are present:

- Infinity NX Drone
- Remote Controller
- Rechargeable Lithium Ion Battery
- USB Charging Cable
- User Manual

Charging the Battery

The drone's battery must be fully charged before first use. A full charge ensures maximum flight time and performance.

1. Connect the USB charging cable to the drone's battery.
2. Plug the other end of the USB cable into a compatible USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light on the battery or drone will show the charging status. Refer to the drone's specific LED indicators for details on charging complete.
4. Disconnect the battery once fully charged to prevent overcharging.

Installing the Battery

Insert the charged battery into the drone's designated battery compartment. Ensure it is securely connected and properly seated to avoid disconnections during flight.

Remote Controller Setup

Install the required batteries (typically AAA, not included) into the remote controller, observing correct polarity as indicated in the battery compartment.

App Installation (for Smartphone Control)

To utilize advanced features like G-Sensor Mode and Waypoint Function, download the official "Odyssey Infinity NX" app from your device's app store (iOS App Store or Google Play Store).

Ensure your smartphone's Wi-Fi is enabled and connect to the drone's Wi-Fi network (usually named 'Infinity NX' or similar) once the drone is powered on.

OPERATING INSTRUCTIONS

Powering On

Turn on the drone by pressing its power button. The indicator lights will illuminate, signaling it is ready for operation.

Turn on the remote controller. The controller will automatically attempt to pair with the drone.

Pairing the Drone and Remote

Once both the drone and remote are powered on, they should automatically pair. If not, follow the on-screen instructions

in the app or refer to the drone's LED indicators for successful pairing confirmation.

Calibrating the Drone

Before each flight, it is crucial to calibrate the drone on a flat, level surface. This process ensures stable flight and accurate control. Refer to the app or remote control instructions for the specific calibration sequence, which often involves moving joysticks in a particular pattern.

Flight Controls

The Infinity NX Drone offers versatile control options via the included remote or through the smartphone app using G-Sensor Mode or drawn waypoints.

- **Take-off/Landing:** Utilize the one-key take-off/landing button for automated ascent and descent, simplifying flight initiation and conclusion.
- **Throttle:** The left joystick (or equivalent app control) controls the drone's altitude. Push up to ascend, pull down to descend.
- **Directional Control:** The right joystick (or equivalent app control) moves the drone forward, backward, left, and right.
- **Trim Adjustments:** If the drone drifts in any direction, use the trim buttons on the remote (or app settings) to fine-tune its stability.
- **G-Sensor Mode:** When using the app, tilt your smartphone to intuitively control the drone's direction, similar to a racing game.
- **Waypoint Function:** Draw a custom flight path directly on the app screen, and the drone will automatically follow the charted course.
- **One-Key Return:** Press this button to initiate an automatic return of the drone towards its take-off point.

Camera Operation

The integrated 720p camera allows for capturing aerial photos and videos.

- Connect your smartphone to the drone's Wi-Fi network to view a live video feed from the drone's camera.
- Use the dedicated buttons on the remote or controls within the app to initiate video recording or capture still images.
- Captured media is typically saved directly to your smartphone's gallery or to an inserted SD card if the drone supports external storage.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ODYSSEY Toys Infinity NX Drone. Regular checks and care will help prevent issues and extend the product's lifespan.

- **Cleaning:** Gently wipe the drone's body with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the drone's finish and internal components.
- **Propeller Inspection:** Regularly inspect all four propellers for any signs of damage, such as cracks, bends, or chips. Damaged propellers can significantly affect flight stability and safety. Replace damaged propellers immediately using genuine spare parts if available.
- **Battery Care:** To maximize battery life, avoid overcharging or completely discharging the battery. Always use the provided USB charging cable. If storing the drone for extended periods, charge the battery to approximately 50% capacity and store it in a cool, dry place.
- **Storage:** Store the drone and its components in a safe, dry environment away from direct sunlight, extreme

temperatures, and moisture. Use the original packaging or a protective case for transport and storage to prevent physical damage.

TRoubleshooting

This section addresses common issues you might encounter with your Infinity NX Drone and provides potential solutions.

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or not connected properly.	Ensure the battery is fully charged and securely connected to the drone. Check the power button for proper function.
Drone does not respond to remote/app.	Drone and remote not paired; remote batteries low; app not connected to drone's Wi-Fi.	Re-pair the drone and remote controller. Replace remote batteries if low. Ensure your smartphone is connected to the drone's specific Wi-Fi network.
Unstable flight or drifting.	Drone not calibrated; damaged propellers; uneven take-off surface.	Re-calibrate the drone on a flat, level surface before flight. Inspect and replace any damaged propellers. Ensure the take-off surface is stable and level.
Camera not working or no live feed.	Smartphone Wi-Fi not connected to drone; app malfunction.	Verify your smartphone is connected to the drone's Wi-Fi network. Close and restart the app, then power cycle the drone.
Short flight time.	Battery not fully charged; aging battery; excessive use of high-power functions.	Ensure the battery is fully charged before each flight. If the battery is old and performance has significantly degraded, consider replacing it.

Specifications

Detailed technical specifications for the ODYSSEY Toys Infinity NX Drone:

Feature	Detail
Brand	Odyssey
Model Name	ODY1715
Color	Black
Product Dimensions	4 x 4 x 1.5 inches
Item Weight	1.3 pounds
Video Capture Resolution	720p

Feature	Detail
Video Output Resolution	1280x720 Pixels
Connectivity Technology	Wi-Fi
Control Type	Remote Control
Battery Type	Lithium Ion (1 included)
Manufacturer Recommended Age	14 - 20 years
Skill Level	Beginner
Material	Plastic
Included Components	Drone, Remote Controller, Battery, USB Charging Cable, Camera
UPC	850238006059
Release Date	September 12, 2018

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to inquire about replacement parts, please refer to the contact details provided in your product packaging or visit the official Odyssey Toys website. It is recommended to keep your proof of purchase (receipt or order confirmation) as it may be required for warranty claims.

Odyssey Toys is committed to providing assistance for their products. Please consult their official resources for the most current support options.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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