Extra Parts Available!
Visit Odyssey online to order:
- Extra Batteries
- New rotor blades
- 4 GB Micro SD Memory Card

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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, WARNINGS & 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 Real Pocket 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 Real Pocket 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.

INSTRUCTION & REFERENCE MANUAL
Model no. 1716NX
HOW to MAINTAIN and TAKE CARE of your ODYSSEY TOYS DRONE BATTERIES

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.

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.

POCKET DRONE REMOTE CONTROL QUICK GUIDE

WHAT’S IN THE BOX

1. Pocket Drone Quadcopter Unit
2. 2.4 GHz Controller
3. 4 Replacement Propellers
4. 3.7 V 550 mAh Rechargeable Battery
5. USB Charging Cable
6. 4 GB Micro SD Memory Card

Congratulations on your purchase of the new and revolutionary Odyssey Toys Pocket Drone. Please read through all of the instructions thoroughly to ensure safe and longlasting operation.
## Setting Up Your Controller for the First Time

1. Slide open the battery box cover and the joystick box cover in the direction shown by the arrows.

2. Insert the joysticks into the holes in the Controller as shown by the arrows.

3. Install 4 AAA batteries in the orientation shown.

### Controller Buttons & Feature Locations

1. **SmartFLY Mode** – Automatically reassigns your device’s orientation while in flight (See page 8)
2. **Auto Return** – Works with SmartFLY Mode to return your drone while in flight (See page 9)
3. **Speed Setting** – Switches three different speed settings: Beginner, Intermediate, Expert (See page 9)
4. **Throttle Stick** – Controls speed of the propellers (See page 7)
5. **Start/Stop Video** – Starts and stops video recording on the drone
6. **Take Photo** – Snaps a picture while in flight
7. **Power Switch** – Turns the Controller on or off
8. **Trimming** – This will trim the drone from turning right or left on the same vertical axis by itself
9. **Forward/Backward Trim** – This will trim the drone from moving forward and backwards by itself
10. **Lateral Trim** – This will trim the drone from moving side to side by itself
11. **Direction Stick** – Turns the Drone in flight (See page 7)
12. **Auto Ignition** – Starts and stops the motors (See page 6)
13. **Auto Hover** – Sets the altitude lock on the Pocket Drone (See page 7)

### Charging the Pocket Drone Rechargeable Battery

1. Open and remove the Drone battery cover-grid. **CAUTION!** The Pocket Drone battery may be hot after use! Allow time for it to cool.
2. Carefully remove the battery, but do not pull it by its wires, since this could cause damage. Disconnect the battery wire connector from the Drone wire connector by carefully pulling apart the two connectors.
3. Connect the battery’s wire to the USB charging cable supplied. Then connect the USB to a computer, as shown at right. The red light will illuminate when charging begins. The light will go out when the Drone’s battery is fully charged. At that time, immediately remove the USB charging cable from the computer.

#### Notice

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

### Installing the Pocket Drone Rechargeable Battery and Micro SD Card

1. Slide the switch in the direction shown by the arrow and remove the battery cover-grid.

2. Install the battery by carefully sliding the white connector on the battery wire into the white connector on the wire in the Drone’s battery compartment. The two small silver contacts on each connector will touch.

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1. SmartFLY Mode – Automatically reassigns your device’s orientation while in flight (See page 8)
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12. Auto Ignition – Starts and stops the motors (See page 6)
13. Auto Hover – Sets the altitude lock on the Pocket Drone (See page 7)
PREPARING FOR FLIGHT

BEFORE FLYING FOR THE FIRST TIME, CHECK YOUR ENVIRONMENT FOR FLIGHT

Always fly on a sunny, bright day with as little wind as possible. Flying in extreme heat or cold can adversely affect your flying control and response of the vehicle.

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 when flying.

OPERATING THE POCKET DRONE

1. Carefully pull out all four propellers.
2. Carefully pull the body of the propeller motor in the direction away from the Drone about 1/8” of an inch. This will allow you to turn and lock the propeller to an upright position.
3. After connecting its fully charged battery, lay the Pocket Drone on the floor or a flat area of ground. Turn on the Drone by sliding the switch in the center of its front edge to the “ON” position. The four LED lights on the front and back edges of the Drone will start to blink.
4. Turn on the Controller by sliding the switch between the two toggles on the Controller to the “ON” position. The red power light above the switch will blink. Wait for the internal digital gyro to take 5-7 seconds to electronically stabilize.
5. Push the throttle stick (left stick) up to the top then pull it down to the bottom. The Controller begins to search and connect with the Drone, and the power light on the transmitter blinks quickly. The connection is completed once the Controller power light and the LEDs on the Pocket Drone stop blinking.
6. Push the Start/Stop button at the bottom, right-hand corner to start the propeller motors. Your Drone is ready to fly!

AUTO HOVER MODE (FIXED ALTITUDE MODE)

Pull the throttle stick (left stick) upwards in order to make the Drone fly higher to your desired altitude. To engage Auto-Hover mode, push the button in the middle, right-side of the controller.

Release the throttle stick, and your Drone will remain at the same altitude.

HOW TO STOP FLYING

Pull the throttle stick (left stick) downwards to a landing altitude. Press the ON/STOP button to stop the motors.

CONTROLLING YOUR POCKET DRONE IN FLIGHT

NOTE: Always make sure you keep visual contact with your Drone.

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 reach 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.
HOW TO TRIM THE DRONE FOR BETTER FLYING

If the Drone leans toward one side when the propeller motors are turned on, you need to trim it as follows:

Put the Drone on LEVEL ground. Then connect the Drone with the Controller as normal.

Push the throttle (left stick) and direction (right) stick both to the “7 o’clock” position (as the arrows show) for 1 second until the LED lights blink and stay on. Then push both sticks to the “5 o’clock” position (as the arrows show). Trim operation is completed, and your Drone should rise in a level manner.

NOTE: If, after trimming, your Drone still tilts when the propeller motors are turned on, make sure that your propellers are properly matched with the correct motors. (See “Installing Propellers,” above.)

SMARTFLY MODE (HEADLESS MODE)

Pushing the direction (right) stick forward direct your Drone to fly in the direction of its front propellers. But during flight, it’s often difficult to tell which way your Drone is facing—in other words, whether its front or its back is facing you. Obviously, that makes it hard to control the flight of your Drone. That’s where Smart Tech Fly mode comes in.

Press the Smart Tech Fly mode button for 1 second, and your Drone will orient itself in flight. It will automatically assign its front end farthest from you and its back end closest to you, so that you can control its flight confidently.

For example, if the front of the unit was facing you when you engage SmartFly Mode, the front now becomes the “rear” of the unit. Now pressing forward on the directional stick moves the unit forward (away) from you even though the front was facing you before.

Press the Smart Tech Fly button again to turn off the mode.

NOTE: If, after trimming, your Drone still tilts when the propeller motors are turned on, make sure that your propellers are properly matched with the correct motors. (See “Installing Propellers,” above.)

AUTO RETURN FEATURE

The Auto Return feature, in connection with SmartFly mode, allows you to fly your Drone back toward you without knowing its orientation. When your Drone is flying, press the SmartFly Mode button for 1 second to enter SmartFly mode. Then, press the Auto Return button for 1 second. Regardless of its front-to-back orientation, your Drone will fly back toward you. To turn SmartFly mode and Auto Return mode off, press each button for 1 second.

SPEED SETTINGS

Change the speed of your Pocket Drone by pressing the bottom, left-most button on the remote control. This changes the speed from BEGINNER to INTERMEDIATE to EXPERT. BEGINNER is the slowest speed, perfect for beginners to become acclimated with the drone. INTERMEDIATE steps up the speed a bit for more experienced users. EXPERT is the fastest speed allowing for incredible versatility; to be used by only the most qualified and advanced pilots.

TECHNICAL PARAMETERS

Charging Time: Approximately 45 minutes
Flying Time: Approximately 6-8 minutes (depends on flying conditions, indoor/outdoor, etc.)
Maximum radio control distance approx. 100 feet
**60 DAY LIMITED WARRANTY**

Odyssey Marketing / Odyssey Toys warrants to the original purchaser, when used in North America only, that this product shall be free of defects in material and workmanship. This warranty applies within 60 days of the original purchase date with normal home use. This warranty does not apply for commercial use of this product. Use outside of North America is not covered by this warranty. During the warranty period, we will at our discretion, repair or replace this product without charge, as long as the product has not been abused or mishandled as by our determination. Our determination shall be final and be the consumer’s sole remedy. ALL RETURNS must be accompanied by a Return Authorization Number which is issued by Odyssey Marketing’s Customer Service Department.

Please contact Customer Service BEFORE returning any products or parts thereof. Once you have obtained a Return Authorization Number, the product must be returned with a clear copy of the proof of purchase, showing location and date of purchase postage and insurance prepaid to:

Odyssey Marketing / Odyssey Toys
20855 NE 16th Avenue • Suite C22, North Miami Beach, FL 33179

This warranty does not cover installation, adjustments in the home, nor damage due to accidents, misuse, abuse, fire, or any acts of God, incorrect line voltage, damage to other equipment caused by improper installation, unauthorized or improper modifications. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

** THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. ** ©2016 Odyssey Marketing Corp.

FCC STATEMENT: This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference receiver, including interference that may cause undesirable operation.

When emailing customer service, please be sure to note the unit name and model number.

Care@OdysseyToys.com • www.OdysseyToys.com

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**TROUBLESHOOTING**

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE SOLUTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power with the transmitter</td>
<td>Check to make sure the power switch is in the ON position. If set to OFF, move to the ON position.</td>
</tr>
<tr>
<td></td>
<td>Check to make sure the batteries are installed correctly. Check to make sure they match the polarity markings.</td>
</tr>
<tr>
<td></td>
<td>If the batteries are installed correctly, they may be exhausted. Replace with new and fresh batteries.</td>
</tr>
<tr>
<td>Can not control</td>
<td>If there isn't any accurate control of the vehicle, make sure of the following:</td>
</tr>
<tr>
<td></td>
<td>• Make sure the radio control transmitter is set to the ON position</td>
</tr>
<tr>
<td></td>
<td>• Make sure the battery on the vehicle is installed correctly</td>
</tr>
<tr>
<td></td>
<td>• The vehicle may fly erratically if wind conditions are too strong. Fly the vehicle under calm conditions.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the radio control transmitter has paired correctly with the vehicle. If not, power down the vehicle and the radio control and start over.</td>
</tr>
<tr>
<td>Ascending failure</td>
<td>If the unit fails to go up in altitude or goes up too slowly, try the following:</td>
</tr>
<tr>
<td></td>
<td>The rotor speed may be too slow to lift the quadcopter sufficiently. Make sure the throttle is being raised sufficiently. If the unit still does not go up or goes up too slowly, the battery of the quadcopter might be too discharged for safe or satisfactory operation. Charge the battery before continuing to fly the unit.</td>
</tr>
<tr>
<td>Blinking Unit LED</td>
<td>When the LED on the unit begins to blink, this indicates a low battery condition. Please charge the unit again.</td>
</tr>
</tbody>
</table>

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**WARRANTY REFERENCE**

Attach your receipt and/or proof-of-purchase here as future reference, in case you ever need to contact Odyssey Toys about your warranty or any issues you may have.