

T E D

TRANSFORMING EGG DRONE



# User Manual

## ODY-1719

We hope you enjoy your purchase of the T.E.D. and that this user manual helps you get your drone off the ground and taking photos!

## ***Included Contents***

1. T.E.D. Unit 2.4 Ghz
2. Rechargeable 3.7v Lithium Battery
3. USB Charging Cable
4. Instruction Manual
5. Quickstart Guide
6. 4x Replacement Blades



**1x Drone**



**4x Replacement  
Blades**



**USB charger**

# Specifications

**Charging Time:** About 40 minutes

**Flying Time:** About 6-7 minutes

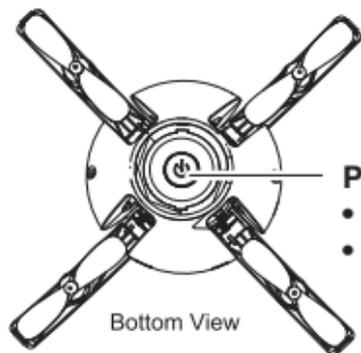
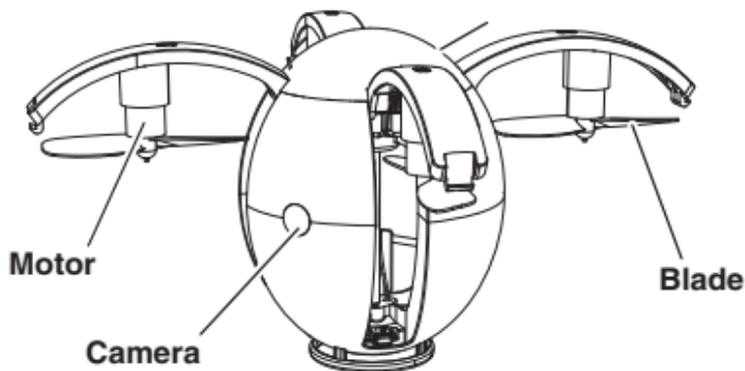
**Weight:** 1.1 Ounce

**Controlling Distance:**

About 20 meters

**Battery for Quadcopter:**

3.7V 200mAh



- Power / Blade Release**
- short press to release blades
  - hold down for ON/OFF

Bottom View

# ***Flight Preparation***

## ***Arm Folding***

**Please Note:** The T.E.D.'s arms and propellers are folded within the body and you must use the bottom button on the underside the drone to pop the arms out.

**Step 1:** Remove your drone from its box and turn it over.

**Step 2:** You will see a small circular shaped button. Press this button once, a short press.

**Step 3:** The arms of the drone will pop out.

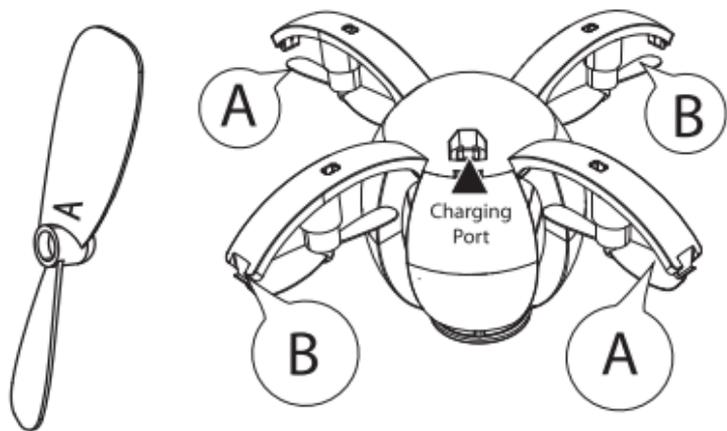
**Please Note:** We suggest when putting the drone away to align the propeller blades with the arm and gently push each arm into place.

## ***Propeller Installation***

**Please Note:** There are faint letters on the underside of the propellers which will help you distinguish blade from blade. The top left

and back right blades are A and match with the A blades and the bottom left and top right are B and match with the B blades.

Please ensure proper installation of the propellers to fly the drone.



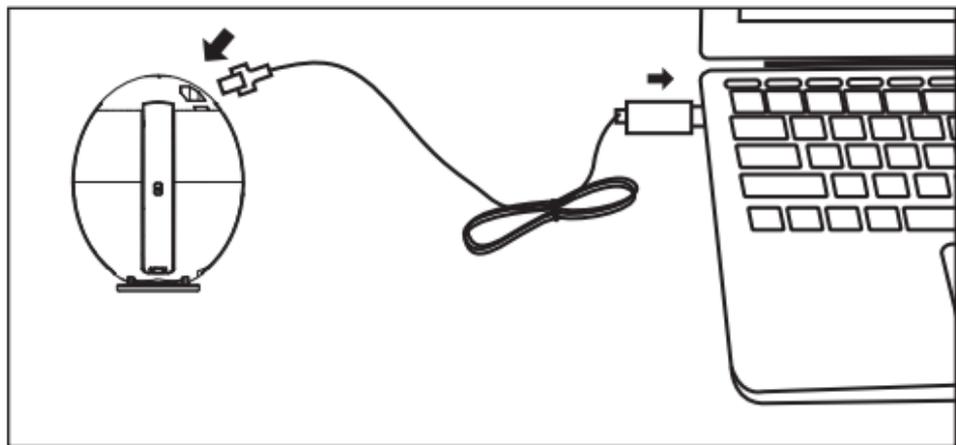
**Step 1:** The drone comes with four replacement propellers which should be used in case a propeller is lost or breaks due to an accident.

**Step 2:** Match your propellers to each wing by the corresponding letter: A, B, and B, A

**Step 3:** Place each propeller on the small pin on the corresponding wing.

## ***Charging the T.E.D. Battery***

Please Note: The T.E.D. comes with a partially charged battery, however in the case that you need to charge the battery please follow the instructions below. You do not need to remove the battery from the drone to charge it. Charging time may take up to 45 minutes.



**Step 1:** Connect the T.E.D. to a powered USB port, such as a computer.



**Step 2:** A red LED light will appear on the USB indicating the charge has completed. Unplug once completed.

**Warning:** Please check the batteries regularly as potential leakage and/or corrosion of old batteries can damage the drone and/or create a fire hazard.

***Caution:***

- Remove the batteries immediately if you sense any smell or smoke.
- Do not charge the batteries if they are hot, wait until they cool down.
- Do not charge the batteries next to inflammables or on a conductive surface.
- Do not overcharge the battery, once the red light disappears, discontinue the battery.
- Do not use non-Odyssey batteries and battery chargers. Only use those which come packaged with this device. If you need additional batteries or chargers, they are available in our Parts Shop on [www.odysseytoys.com](http://www.odysseytoys.com).

- For safety and best practice, unplug the battery connection from the power source inside the drone when not in operation.

## ***Downloading the Application and Pairing Your Device to the Drone***

**Notice:** The T.E.D. quadcopter's transmitter is application based; you must download the free app to fly the drone. The PANTONMA app is supported on Android and iOS devices.



QR Code For  
Google Play



QR Code  
For IOS



QR Code  
For 360

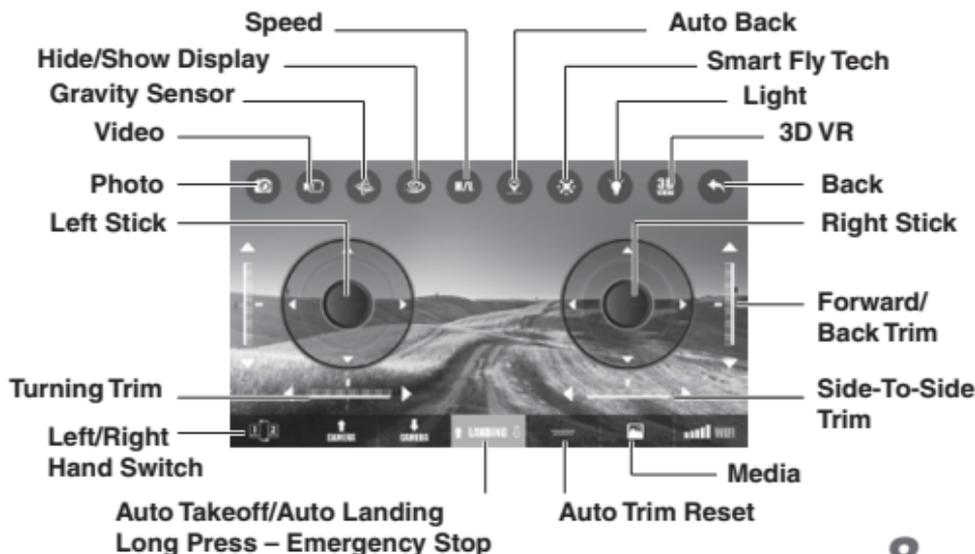


**Step 1:** Use your phone to scan the QR code or install the app by accessing the Play/iTunes store and searching for PANTONMA.

**Step 2:** Press and hold the power button, on the bottom of the drone. The drone will turn on and the lights will flash.

**Step 3:** Connect your phone to the drone's Wi-Fi signal named KD\*\*\*\*.

**Step 4:** Open the PANTOMMA app and tap My Drone. This will connect your drone to the application.



# ***Let's Fly - Flying T.E.D.***

## **Menu Buttons**

**Photo:** Use the camera on your drone to take a photo.

**Video:** Use the camera on your drone to record a video.

**Gravity Sensor:** Fly the drone by using the phone's movements as the controller.

**Hide/Show Display:** Show or hide the throttle and Directional Sticks from your screen.

**Speed:** Change your speed from 30%, and 100%

**Auto Back:** Drone stabilizes and returns home.

**SmartFLY Tech:** Drone responds to the directions as if it is facing the way you're facing.

**Light:** Turn light on/off on the drone

**3D VR:** Allows you to watch your videos in virtual headset mode (not included).

**Back:** Return to the previous Menu

**Right Stick:** Moves the drone side to side and forward and backwards.

**Forward/Back Trim:** Tap to center the drone if drifting forward or backward.

**Side-To-Side Trim:** Tap to center the drone if drifting to the left or right.

**Media:** Access your photos and videos and view them.

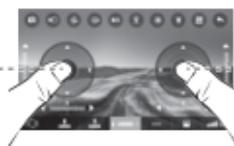
**Auto Trim Reset:** Tap to reset the trim. In most cases this will take care of drifting without using the manual trim controls.

**Auto Take Off/Auto Landing:** Accelerate immediately Auto Landing: Descend immediately. Emergency Stop: Press and hold for 3 seconds for an immediate, emergency stop.

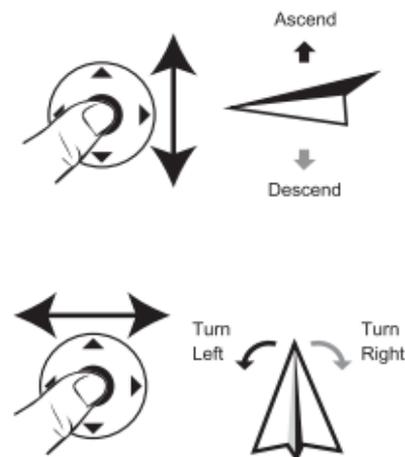
**Left/Right Hand Switch:** Switch the left and right joysticks, great for lefties.

**Turning Trim:** Tap to center the drone if drifting in rotation or spinning in circles.

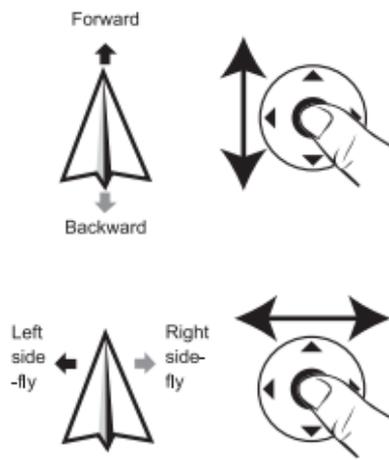
**Left Stick:** Moves the drone up, down, and in rotations.



**Left Throttle Stick**



**Right Directional Stick**



## ***Flight Controls***

**Please Note:** Before every flight, the drone will have to be paired to the application.

There are two ways to fly the T.E.D., by Gravity Sensor and Throttle Control.



**Gravity Sensor:** This setting will allow your drone to move in any direction that you move your phone. In this setting, you will not need to move the Directional Sticks, however, you will still need to control the throttle.



**Step 1.** With your T.E.D. on and connected to the Wi-Fi, tap the Auto Take Off button.



**Step 2.** Keeping your phone horizontal, tap the Gravity Sensor by the top of the right Throttle Stick.

**Step 3.** Move your phone in any direction, the drone will follow.

**Touch Control:** The directions below are for touch control which requires you to tap the Throttle Sticks on the phone. This is the most common way of flying drones.



**Step 1.** With your T.E.D. on and connected to the Wi-Fi, tap the Auto Take Off button.

**Step 2.** Use the right Directional Stick to move around the left Throttle Stick to change direction.



**Step 3.** To land, use the left Throttle Stick to go down or press the Auto Landing button.

To come up on your own without the assist of Auto Takeoff, follow the below instructions.

**Step 1.** With your T.E.D. on and connected to the WiFi, take the throttle and Directional Sticks and push them down and slightly off center. This will initiate the blades and bring the drone to altitude.

**Step 2.** Use the left Throttle Stick to control altitude and direction. Use the right Throttle Stick to maneuver forward and backward & left and right directions.

## ***Ascending, Descending – Left / Right Throttle Stick***

Ease the left Throttle Stick upwards to make the T.E.D. go higher in altitude. Ease the left Throttle Stick downwards to lower the T.E.D.

## **Turning – Left Throttle Stick**

Push the left Throttle Stick left or right to turn the T.E.D. in a specific direction.

## **Forward, Back – Right Directional Stick**

Ease the right Directional Stick up and down to fly the T.E.D. forward and backward.

## **Side to Side Flight Left or Right – Right Directional Stick**

Push the right Directional Stick left or right to fly the T.E.D. side to side.

## ***Speed***

H/L

There are two speeds on the drone which can be changed by tapping the speed button.

**Speed 1:** 1 Tap Slow at 30%

**Speed 2:** 3 Taps Fast at 100%

## ***Landing***

Gently press the Auto Landing button until landing on the ground. You can also initiate an emergency STOP by pressing the same button for 3 seconds. **Please note that emergency stopping in mid-air will result in the drone dropping immediately and may damage the product, please use with caution.**

## ***Trim***

For drifting issues, calibrate the drone back to normal trim settings by use the Automatic Trim Reset found to the right of the Auto

Landing button. Please note you must reset while drone is connected to your device AND on a flat surface (not in flight).

You can also manually reset the trim while in flight it. The following are a few adjustments that you can make to the flight characteristics if the Auto Trim does not fix drifting:



**Forward/Backward Trimmer:** If the T.E.D. drifts backward or forward, press the forward/backward trim button located to the left of the Directional Stick until centered.



**Side to Side Trimmer:** If the T.E.D. drifts left or right, press the side to side trim button below the Right Directional Stick until centered.



**Turning Trimmer:** If the T.E.D. is spinning in circles or drifting in a rotation, press the turning trim button located below the left Throttle Stick until centered.

# ***Flying in SmartFly Tech mode and using Auto Back***

The T.E.D. features SmartFly Tech and a Auto Back feature. Generally when you are flying a drone, your front and back usually change position as you rotate and fly in different directions. This can make it difficult to tell which direction the drone is flying in. Therefore, SmartFly Tech helps you take control over the drone's directions as forward will always be facing the way that you are facing.

## ***SmartFly Tech Mode***

In this mode, you do not need to worry about the orientation of the drone.

Whatever position the drone's front is in before taking off will be your front IF you initiate the SmartFly Tech mode. This is useful if you would like to have the drone return to your general direction (i.e. Auto Back).

## ***Auto Back***

In this mode, the drone will return back to your general direction automatically. However, the drone will return back to you IF, and ONLY IF, you are looking towards the BACK of the drone. This means that if you are facing the backside of the drone and you hit the Auto Back button, the drone will fly backwards towards your general direction.

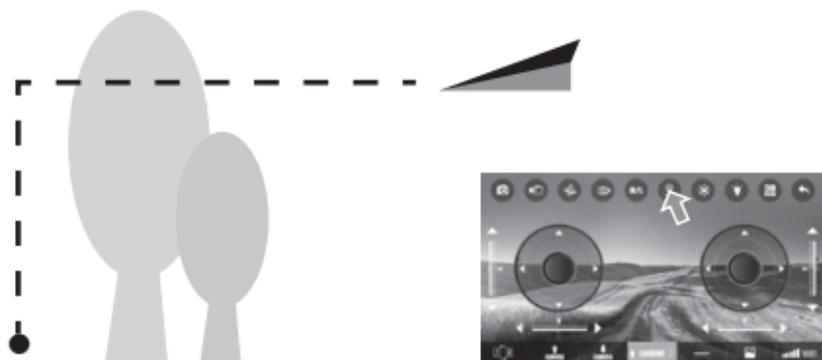
# ***Initiating SmartFly Tech & Auto Back***

**Step 1** Before taking off, place the drone on a flat surface

**Step 2** Press the SmartFly Tech button, which is located above the right joystick.

**Step 3** Take flight and fly the drone. When you are ready to return home ensure that the back of the drone is facing you.

**Step 4** Press the Auto Back button, which is located at the top middle of the app screen.



# ***Taking Photos & Videos***

iPhone Users: When you connect your phone to the WiFi, your phone will ask you if you want to allow your camera to access photos. Choose Yes to allow the drone to take photos and save them to your gallery.

## ***Taking Selfies***

**Step 1.** When your drone is stable in flight, aim the camera on yourself or subject.



**Step 2.** Tap the camera or video icon to take a photo or video.



**Step 3.** To view your photos, land your drone and tap the Image Gallery button.

You can either do this on the Home Page or by clicking the Gallery icon.

**Step 4.** In the Image Gallery, you will see a camera icon and a video icon with a list of files. These files are your photos. Tap a photo to view it or delete it.

**Step 5.** Your photos/videos are also saved to your phone's camera roll. To view the photos, go to your gallery and looking at the most recent photos and/or accessing the T.E.D. folder your phone has created for the photos.

**Step 6.** Share your photos with your friends!

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For Customer Service please email:  
[Care@OdysseyToys.com](mailto:Care@OdysseyToys.com)

Please note the units model number and name in your email. Extra Parts Available! Visit Odyssey online to order:

- Extra Batteries
- New rotor blades Model no. ODY-1719

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