



Ages 8+

turbo runner

CLIMBING & ROLLING QUADCOPTER

Instruction Manual

ODY-1012BR




INCLUDED CONTENTS:

- Fuselage Cover
- Main Frame / Cage
- Replacement Blades (X 4)
- 3.7V Rechargeable Lithium Battery
- USB Charging Cable
- Radio Transmitter

TECHNICAL SPECIFICATIONS & PARAMETERS

Length: 95 mm	Charging Time: Approximately 30-45 minutes
Width: 100 mm	Flying Time: Approximately above 5-6 minutes
Height: 100 mm	Radio Control monitor viewing distance limit: approx. 20 Meters

RADIO CONTROL TRANSMITTER • BATTERY INSTALLATION



Unscrew the screw holding the battery lid to the body. Then lightly pull the clip to pull the lid away from the transmitter body.

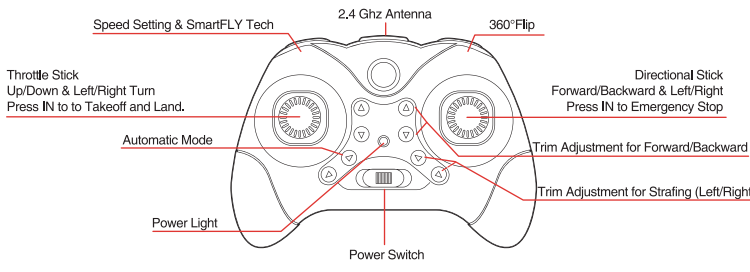
Insert 3xAAA batteries into the battery compartment, making sure to match the polarities. Then replace the lid and firmly tighten the screw to secure the battery compartment.

CAUTION: If the Radio Control Transmitter will not be used or stored for extended periods of time, please remove the batteries.

WARNING: Please check the AAA batteries routinely. If the AAA batteries are left within the Radio Control Transmitter, potential leakage and/or corrosion may occur which can damage the transmitter and create a fire hazard.

- Do not mix old and new batteries.
- Do not mix alkaline batteries, standard (carbon-zinc) or rechargeable batteries.

RADIO CONTROL TRANSMITTER • FUNCTIONS



Speed Setting & SmartFLY Tech: Press IN to Takeoff and Land.

360° Flip: Press IN to Takeoff and Land.

Trim Adjustment for Forward/Backward: Press IN to Takeoff and Land.

Trim Adjustment for Strafing (Left/Right): Press IN to Takeoff and Land.

Speed Setting: Two speed settings. High Speed = double beep. Low Speed = single beep.

SmartFLY Tech: Press and hold to initiate.

CHARGING THE BATTERY FOR THE TURBO RUNNER

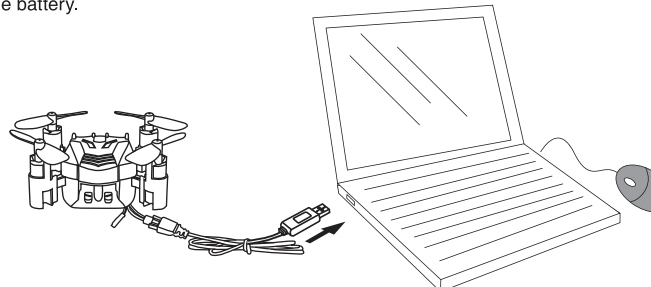
Connect the battery's power cable to the end of the USB charging cable. Then connect the USB end of the charging cable to a USB port like on a computer. The battery for drone is not replaceable.

CAUTION: The battery may be hot if being disconnected right after use. If hot, then wait a few minutes to let the battery cool down. When charging do not leave the battery unattended to keep from overcharging. Overcharging the battery will lead to battery damage.

NOTICE: When charging with the included USB cable the LED light will light up red, indicating it is charging. Once charging is complete, the LED light will turn off.

WE RECOMMEND: The Turbo Runner battery comes partially charged and is ready to fly. Use this charge completely before charging the Turbo Runner battery for the first time.

NOTICE: If the Turbo Runner is not going to be used for extended periods of time, please disconnect the battery from the Quadcopter to avoid damage to the battery.



BASIC TAKE OFF AND FLIGHT TIPS!

- Turn on the quadcopter and lay it flat on the ground.
- Turn on the remote. The two should automatically link, the lights on the drone will stop flashing.
- Press in the left joystick to initiate hover mode. The quadcopter will take off and hover about 4ft above the ground.
- Send your quadcopter in any direction using the right joystick and have fun.
- When you are ready to land press in the left joystick to initiate autoland.

- ★ Tip 1. Engage SmartFLY Tech if you often get turned around and confused about directional flying (read more on next page).
- ★ Tip 2. If you need to emergency stop, press in the right joystick. The engines will cut and the drone will fall to the ground.
- ★ Tip 3. Your quadcopter will automatically hover at a stable altitude. You can still take it higher or lower by using the left joystick.

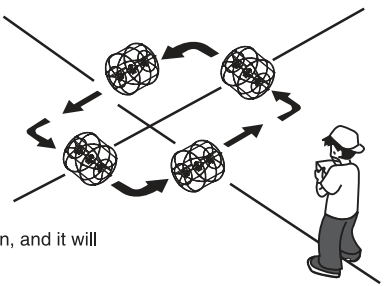
GOING TO FLIGHT SCHOOL • CONTROLS

ASCEND/ DESCEND	Push the left joystick (throttle) up to ascend. Ease the throttle (left stick) downwards in order to make the Turbo Runner go lower in altitude.		
LEFT/ RIGHT ROTATING	To ROTATE LEFT or RIGHT: Push the left joystick to the left to turn left or right to turn right.		
FORWARD/ BACKWARD MOTION & STRAFING	To GO FORWARD & BACKWARD Push the right joystick up to make the quadcopter fly forward. Push it down to make the quadcopter fly backward.		
	To STRAFE LEFT & RIGHT: Push the right joystick to the left to make the unit go sideways to the left without turning (this is called strafing). Push the right joystick to the right to make the unit go sideways to the right without turning.		

NOTE: Strafing is useful when you want to make the unit go side to side or go around obstacles where it might be difficult to turn or rotate the unit.

TURBO RUNNER • ADVANCED FEATURES

AUTOMATIC MODE



Press the AUTOMATIC mode button, and it will fly in a circle on autopilot.

SMARTFLY TECH

This quadcopter features an advanced SmartFly Tech feature.

Generally when you are flying a quadcopter, the front and back of the quadcopter change position relative to the quadcopter pilot. This can make it difficult to tell which direction the quadcopter is flying in. SmartFly Tech helps you take control over the quadcopter's directions as forward will always be facing the way that you (the quadcopter pilot) are facing.

Initiating SmartFly Tech:

- Before taking off, place the quadcopter on a flat surface and ensure the front of the quadcopter is facing away from you.
- Press and hold the SmartFly Tech button until the controller beeps. The quadcopter will flash to indicate SmartFly Tech is enabled.
- Takeoff and fly the quadcopter.

To disengage engage SmartFly Tech, land the quadcopter and press and hold the SmartFly Tech button until the controller beeps. The drone lights will stop flashing.

360° FLIP

Press the 360° FLIP button on the top right of the transmitter to have it perform amazing, acrobatic 360° flips! Press the 360° Flip button and immediately push the right joystick up or down to do a forward or backward flip.

WALL CLIMBING

When the quadcopter flies close enough to a smooth wall, you can press the left joystick up and down to climb along the wall. It will almost move like a car climbing a wall or rolling on the ceiling!

TRIM ADJUSTMENTS

If your quadcopter moves erratically by itself with no input from the controller, then you should adjust the trim.

For best results, move the throttle up and raise the quadcopter approximately 2-3 feet (0.5-1 meter) in altitude.

Continual STRAFING to the left or right:

Press the highlighted trim control for strafing incrementally in the opposite direction of movement.

Continual MOVEMENT forward or backward:

Press the highlighted trim control for directional trim incrementally in the opposite direction of movement.

FLYING SAFE • SITUATIONAL AWARENESS

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.


After connecting the battery, place the quadcopter on the ground. Please wait for approximately 5-7 seconds to allow the digital gyro to electronically stabilize.

TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTIONS
No Power With the Transmitter	<ul style="list-style-type: none"> Check to make sure the power switch is in the ON position. Check to make sure the batteries are installed correctly. If the batteries are installed correctly, they may be exhausted.
Cannot Control the Quadcopter	<p>If there isn't any accurate control of the vehicle, make sure of the following:</p> <ul style="list-style-type: none"> The vehicle may fly erratically if wind conditions are too strong. Fly the vehicle under calm conditions. 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. Perform unit reset.
Ascending Failure	<p>If the unit fails to go up in altitude or goes up too slowly, try the following:</p> <ul style="list-style-type: none"> Make sure the throttle is being raised sufficiently. The battery of the quadcopter might be too discharged for safe or satisfactory operation.
Blinking Unit LED	When the LED on the unit begins to blink, this indicates a low battery condition. Please charge the unit again.

RESETTING THE UNIT

- Lay the unit flat and still on a level surface.
- Push both the left and the right joystick to the bottom left corner position until the LEDs lights blink and then permanently light up.
- Push both the left and the right joystick to the bottom right corner position until the LEDs lights blink and then permanently light up.
- The reset operation is completed.



For Customer Service please email: Care@OdysseyToys.com

Please note the units model number and name in your email: Model no. ODY-1012BR • Turbo Runner Rolling Quadcopter

Extra Parts Available! Visit Odyssey online to order:

- Extra Batteries
- New rotor blades

www.OdysseyToys.com

CAUTIONS & WARNINGS

- Suitable for ages 8 and up. Adult supervision is always recommended.
- This product contains small parts which are a choking hazard. Keep away from small children.
- Keep Quadcopter at least 10 feet away during use.
- Accurately assemble the quadcopter and fly it under the guidelines of this manual. Small parts should be installed by an adult.
- Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
- Keep hands, hair and loose clothing away from rotors when powered on to prevent damage to the vehicle or serious injury to oneself or others around.
- The quadcopter should never be flown in high winds in excess of 5 MPH or near a pool.
- Never leave the device unattended when being charged.

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.

This device 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 received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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