

FCC Part 15 C Notice

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

NOTE: 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 experienced radio/TV technician for help.

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.



Conforms to safety requirements of FCC.

This product is manufactured by AMAX Industrial Group

12645 Memorial Drive Suite F1 #388 Houston, TX 77024

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Made in China

V 1.0

TWISTER™

High Performance Stunt Drone



INSTRUCTION BOOKLET

WARNING: Never leave product charging unattended for extended periods of time. Always disconnect TWISTER™ from charger immediately after the TWISTER™ is fully charged. Please refer to enclosed safety instructions.

PACKAGE CONTAINS:



TWISTER™



2.4G Wireless Controller



USB Charging Cord



Spare Parts



Instruction Booklet

Colors and styles may vary slightly



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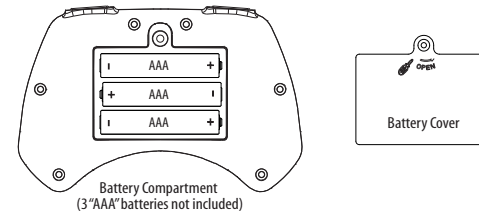
Thank you for purchasing the TWISTER™ 2.4 G High Performance Drone. Please read this instruction booklet as it contains valuable information on how to properly fly and care for your TWISTER™.

FEATURES

- Air Pressure Sensor Locks Flight Altitude
- Built In 6 Axis Gyroscopic Chip Keeps the TWISTER™ Extremely Stable in All Conditions
- Automatically Start and Lands with The Push of A Button
- 3 Different Speed Settings for Slow to High Speed Flying
- The TWISTER™ is engineered for incredible maneuverability including 360° aerial stunts!
- 2.4G radio allows for a 200 foot operational range.

REMOTE CONTROL BATTERY INSTALLATION

1. Unscrew the battery cover from the back of the remote control.
2. Install 3 "AAA" alkaline batteries into the battery pack as shown in the diagram.
3. Replace the battery cover and secure it.



CHARGING YOUR TWISTER™ BATTERY

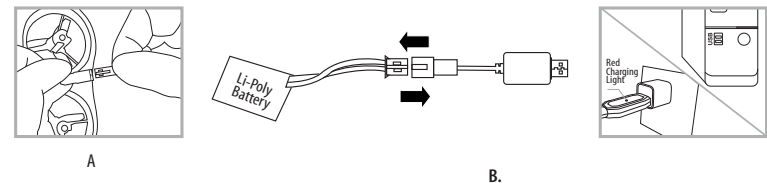
1. Turn the TWISTER™ over and carefully remove the battery from the battery compartment (See diagram A).
2. Connect the USB charging socket to the plug on the battery side..

Caution: The USB charging socket fits the plug only in one way. Do not force it.

Connect the TWISTER™ charging cord to your computer's USB port or a USB wall charger (See diagram B).

3. Average charging time is about 50-60 minutes. The flashing red LED indicator turns ON when battery is fully charged. A full charge will allow for about 6-7 minutes (via 5.0V ---2A USB wall charger) of flight time depending on environment and user input.
4. Connect the fully charged battery to the TWISTER™ power socket carefully and close the battery compartment cover.

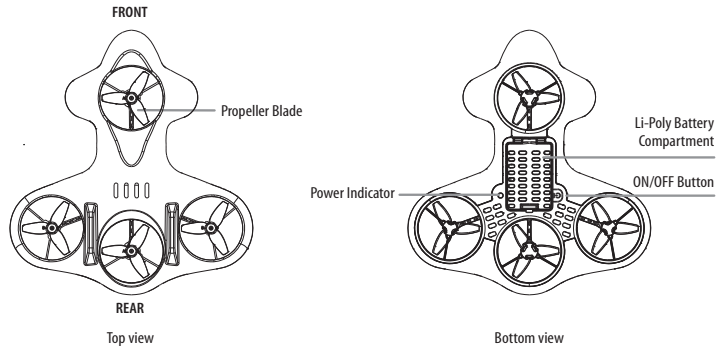
Caution: The battery plug fits the drone's power socket only in one way. Do not force it (see diagram A).



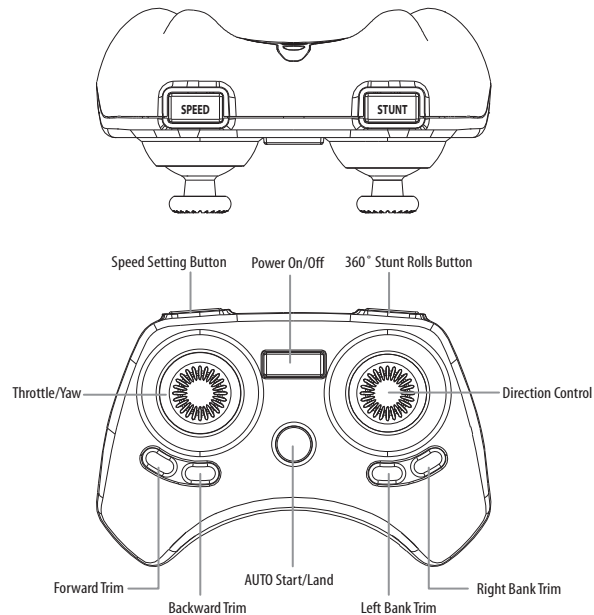
IMPORTANT: ALWAYS REMEMBER TO UNPLUG YOUR CHARGING CORD WHEN NOT IN USE!

Note: The red LED will turn off when charging and turn on when charging is completed.

TWISTER™ QUADROCOPTER DIAGRAM



REMOTE DIAGRAM



WARNING

DO NOT FLY YOUR TWISTER™ IN FOUL WEATHER!



PREPARING FOR FLIGHT

- Verify that there are 3 "AAA" batteries inside the remote control unit and the TWISTER™ has been fully charged.
 - Make sure to be in a large space with an open radius of at least 50 feet.
 - Make sure the empty space has no obstacles or bodies of water. Set your TWISTER™ on a clean flat surface before take-off.
- DO NOT ATTEMPT TO FLY YOUR TWISTER™ IF THERE IS RAIN, SNOW, HEAVY WINDS, THUNDER OR LIGHTNING OUTDOORS. IT COULD DAMAGE YOUR PRODUCT AND POSSIBLY EVEN CAUSE BODILY HARM.**

SYNCING YOUR TWISTER™

Important! When syncing your TWISTER™ drone with the controller always make sure that the drone is on a flat level surface. This insures that the 6 Axis gyro is properly programmed to mimic your trim settings.

Your TWISTER™ utilizes an automatic 2.4G channel selection system that allows up to 8 people to fly side by side.

For One Person Play:

1. Before starting, make sure that the power to your controller is turn OFF and the TWISTER™ is turn OFF. Make sure that there are no other active 2.4G devices in the area as well.
2. Turn ON the TWISTER™ and set it down on a flat level surface. The red LED indicators of the TWISTER™ should flash rapidly.
3. Turn ON your remote and you will hear 2 short beeps. The controller power indicator will start flashing. Now push the throttle all the way up then down, you will hear 1 beep and the indicating LED lights will become solid. Your TWISTER™ and remote should have successfully synced. Should this not happen, repeat all steps again.

For Multi Person Play:

4. Before starting, make sure that the power on all TWISTER™ and Controllers are turned OFF. Make sure that there are no other active 2.4G devices in the area as well.
5. Each person will have to sync their TWISTER™ individually at a different time to avoid interference. Follow steps 1 to 3 above making sure to keep away from other people while also making sure that no one else is syncing at the same time.
6. The player should leave his TWISTER™ on once synced and wait for all other players to successfully sync.
7. Should there be a mistake/interference, all players must turn off their controllers and TWISTER™ and start the process all over again.

FLYING TIPS

- It is recommended that you operate the TWISTER™ in a wide space. The ideal space should have a 200 foot radius.
- Parental guidance or adult supervision is suggested at all times.
- If you are flying the TWISTER™ with others, make sure all spectators are behind you.
- For best performance, it is recommended that you operate the TWISTER™ in zero wind conditions. Wind can greatly affect the performance of the TWISTER™.

NOW YOU ARE READY TO FLY!

If you have successfully synced your TWISTER™ to your controller as explained on page 4 you are now ready to fly. Before beginning to fly your drone you should familiarize yourself with how to start and stop the rotors, how to use your Auto Start and Auto Land feature and how the controls work so please carefully read and familiarize yourself with various control features explained in the next two pages. Once again as a beginner pilot you should learn how to control your drone in a large open field or park on a day with zero or very light wind. Do not try to fly your TWISTER™ too high until you become a more experience pilot.

AUTOMATICALLY TAKE OFF / LAND

Make sure you have properly synced The TWISTER™.

- simply press the "start/land" button on the top of controller, your TWISTER™ will automatically take off.
- To stop or land the TWISTER™ just press the "START/LAND" button again and the TWISTER™ will descend and land automatically.

Tips: You also can move the two control sticks simultaneously down to the outside corners, hold them until the blades start spinning. Release the control sticks and push up the throttle stick slowly to take off manually.

In case of emergency : to stop the rotors instantly, simply press the calibrate button on the top of the controller, located in the center.

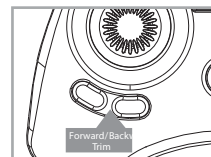
SPEED SETTING BUTTON

The TWISTER™ has 3 speed settings; **1 (SLOW)** , **2 (MEDIUM)** and **3(HIGH)**. The Default setting when you first turn on your TWISTER™ is **mode 1 (SLOW)** .To increase the speed simply press the speed setting button (see remote diagram on page 3) You will hear beeping sound, **1** beeping sound indicates slow speed, **2** beeping sounds indicates medium speed and **3** beeping sounds indicate high speed.

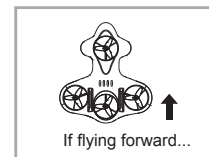
UNDERSTANDING TRIM ADJUSTMENTS

Forward/Backward Trim

- If your TWISTER™ is moving forwards or backwards automatically, you may need to adjust the FORWARD/BACKWARD TRIM buttons.
- If your TWISTER™ flies forward, push and release the B TRIM button repeatedly until the moving stops and proper flight is maintained.
- If your TWISTER™ flies backwards, push and release the F TRIM button in the same manner until the problem is resolved.
- From time to time you may have to adjust the FORWARD/BACKWARD TRIM to ensure the TWISTER™ will hover in mid-air and respond accurately to your commands.

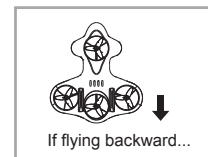


Forward/Backward Trim Controls



If flying forward...

(B) Push backward trim button

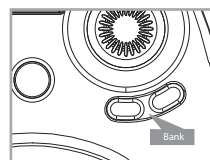


If flying backward...

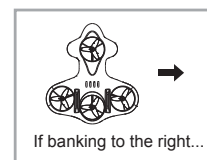
(F) Push forward trim button

Banking Left/Right Trim

- If your TWISTER™ is not steadily hovering and is banking to the left or right automatically, you may need to adjust the BANKING TRIM buttons.
- If your TWISTER™ banks to the left, push and release the R TRIM button repeatedly until the banking stops and proper flight is maintained.
- If your TWISTER™ banks to the right, push and release the L TRIM button in the same manner until the problem is resolved.
- From time to time you may need to adjust the BANKING TRIM to ensure the TWISTER™ will steadily hover in mid-air and respond accurately to your commands.

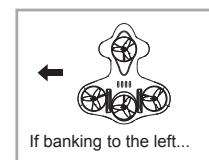


Left/Right Banking Controls



If banking to the right...

(L) Push the "L" trim button to increase left banking sensitivity



If banking to the left...

(R) Push "R" trim button to increase right banking sensitivity

NOTE: The use of the Trim buttons are accompanied with a Beep sound. A single long Beep indicates the product is center trimmed. If there is no beeping sound after press the trim button, it indicates the maximum rang of the trim on a particular side.

BASIC FLIGHT CONTROL

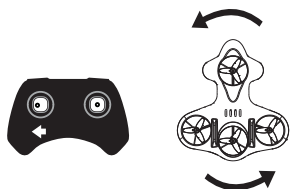
Below is a list of basic flight functions for your long-range remote control TWISTER™. While learning to fly your TWISTER™ it is best to start with a large space until you get used to the basic controls. As you master flying your TWISTER™ you can move to more advanced maneuvering techniques. Practice makes perfect! When you have these basic steps down you can move to the next level.



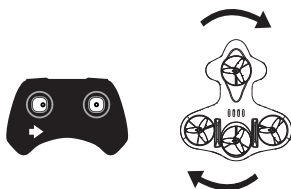
Move the Throttle up to increase the speed of the motors and the TWISTER™ will rise up.



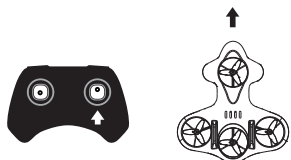
Move the Throttle down to decrease the speed of the motors and the TWISTER™ will descend.



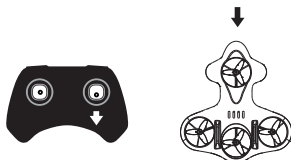
Move the Throttle stick left and the TWISTER™ will rotate left.



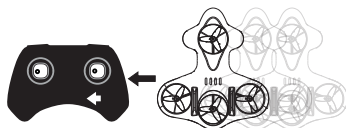
Move the Throttle stick right and the TWISTER™ will rotate right.



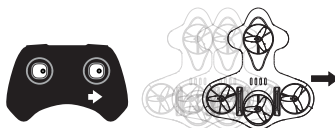
Move the Direction Control up and the TWISTER™ will move forward.



Move the Direction Control down and the TWISTER™ will move backward.



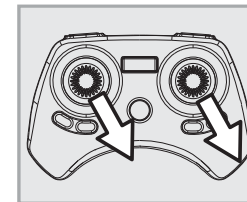
Move the Direction Control left and the TWISTER™ will bank to the left.



Move the Direction Control right and the TWISTER™ will bank to the right.

CALIBRATING THE TWISTER™

If the TWISTER™ becomes unstable during the course of flying, you may need to calibrate the internal gyros. To do this place the TWISTER™ on a flat level surface then the LED on the TWISTER™ will flash quickly and then remain solid, this indicates your drone has been re-calibrated (see diagram C).



C

HOW TO DO 360° STUNT ROLLS

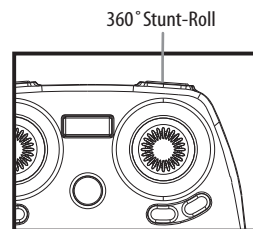
1. In order to make your TWISTER™ do 360° rolls you must fully charge your battery.

Note: The TWISTER™ will not do 360° stunt rolls under low battery indication (When the LED lights on the drone is flashing slowly).

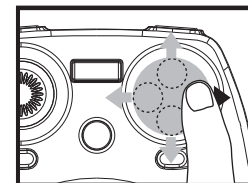
2. Once you are ready to attempt a 360° roll, simply press and let go of the "STUNT" button on the top right hand side of your controller (see Remote Diagram D), you will hear continuous beeping sounds. This means you are now in "STUNT MODE"

3. Now quickly move your right control stick in any of 4 directions; up, down, left or right and your TWISTER™ drone will instantly roll in the associated direction. (See diagram E). And the beeping sounds will stop.

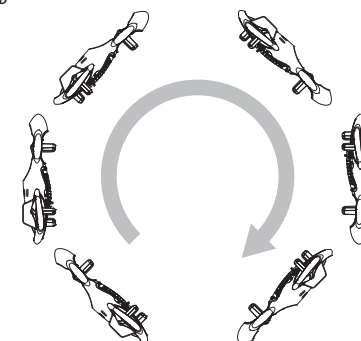
NOTE: To exit the stunt mode manually if you wish not to do the stunt roll, you can press the stunt button again and the beeping sounds will stop too.



D



E



TWISTER™ WARNING:

The TWISTER™ is designed for INDOOR and OUTDOOR use. The TWISTER™ blades revolve at high speeds and can cause damage to the user, spectators and animals. Stand away from the TWISTER™ to reduce the risk of getting into the flight path. Warn spectators that you will be flying your TWISTER™ so that they are aware of its position. Before flight, inspect the rotor blades to make certain that the blades are securely fastened to the TWISTER™.

WARNING!

- Choking/Cutting Hazard. Small Parts/Sharp Rotor Blades.
- Keep hands, hair and loose clothing away from the propeller when the battery is plugged in.
- Turn off the controller and take out the battery from the TWISTER™ battery compartment when not in use.
- The included charger is built specifically for the TWISTER™ Li-Poly battery. Do not use it to charge any other battery.
- New alkaline batteries for controller are recommended for maximum performance.
- Parental supervision is recommended when flying the TWISTER™.

BATTERY WARNINGS

RECHARGEABLE BATTERY:

This TWISTER™ uses a Li-Poly rechargeable battery which has limited life cycles. If battery can no longer be charged, dispose the battery properly according to local disposal requirements.

CONTROLLER BATTERIES:

Remote control requires 3 "AAA" batteries (not included). Please read the important battery safety warning below.

- Do not mix alkaline, standard (carbon-zinc) and rechargeable batteries (Nickel Metal Hydride).
- Do not mix old and new batteries.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the item before being charged (if removable).
- Rechargeable batteries are only to be charged under adult supervision.
- Exhausted batteries should be removed immediately and must be recycled or disposed of properly according to state or local government ordinances and regulations.
- The supply terminals are not to be short-circuited.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity (see inside booklet for diagram).
- Do not dispose of batteries in a fire - batteries may leak or explode.

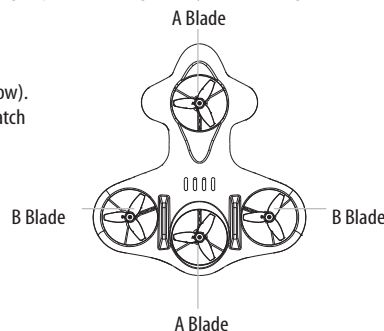
CARE AND MAINTENANCE

- Always remove the batteries from the controller when it is not being used for an extended period of time.
- To clean, gently wipe the remote control and TWISTER™ with a clean damp cloth.
- Keep the toy away from direct heat or sunlight.
- Do not submerge the toy into water. This can damage the unit beyond repair.
- Parental guidance recommended when installing or replacing the batteries.

REPLACING THE PROPELLER BLADE

Your TWISTER™ propeller system is a precision instrument that may need repair or replacement from time to time for optimal flight function. Crash landing from high-speed aerial flights may cause damage to your TWISTER™ propellers.

1. The TWISTER™ has four blades, one A blade on front, and one B, A & B blades on rear (see the diagram below).
2. Pick up a blade from the included spare parts and match the marking to the diagram below.
3. Replace the broken blade with the correct one.



Limited 90-Day Warranty

NORTH AMERICA

AMAX Group USA warrants to the original consumer that this product is free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, AMAX Group USA will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to our warranty center. The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use or unreasonable use of the unit. Removal of any parts/components voids all warranties. This warranty does not cover cost of repairs made or attempted outside by third-party individuals or companies. Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply.

REPAIR/REPLACE PRODUCT

If your product begins to malfunction or stop working, immediately email our warranty center at the email listed below. If it is determined that a return is necessary, our warranty department will issue you an RMA number/form and an address to the nearest return center for shipping the product to. **IMPORTANT NOTICE:** We will reject all returns that are not accompanied by an issued RMA form and number so make sure to contact our warranty center before attempting to return your product!

PREPARATION FOR SHIPPING YOUR PRODUCT

Please repack your product in a durable box, preferably in the original carton, and send it prepaid, and adequately insured. Include the RMA form that was issued by our warranty department along with your daytime telephone number and email address inside the shipping carton. If your warranty has expired, contact our warranty center for charged service. For further information please send all inquiries to: customer@amaxbrands.com

IMPORTANT NOTICE! DO NOT ATTEMPT TO SHIP YOUR PRODUCT BACK WITHOUT FIRST CONTACTING OUR WARRANTY DEPARTMENT BY EMAIL AT:

customer@amaxbrands.com