

# NAVIGATOR

## 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.

This product is manufactured by AMAX Group

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Conforms to safety requirements of FCC.

## HIGH PERFORMANCE STUNT DRONE



### INSTRUCTION BOOKLET

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

### PACKAGE CONTAINS:



HIGH PERFORMANCE STUNT DRONE



2.4G Wireless Controller



Spare Parts



Instruction Booklet

Colors and styles may vary slightly.

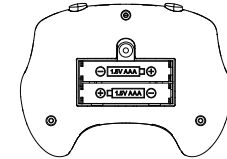
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Thank you for purchasing the Stunt Drone 2.4Ghz Indoor/Outdoor Quadcopter. Please read this instruction booklet as it contains valuable information on how to properly fly and care your Stunt Drone.

## FEATURES

- Built-in 6-axis gyroscopic chip keeps the Stunt Drone extremely stable in all conditions.
- Automatically launches and lands with the push of a button
- New T (training ) mode helps beginner pilots learn how to fly.
- Unique switchblade technology allows for 3ch and 4ch flight modes.
- different speed settings for slow- to high-speed flying.
- Air pressure sensor locks flight altitude.
- LED directional lights makes the Stunt Drone easy to follow.
- 2.4G radio allows for a 61 m/200 ft operational range.
- The Stunt Drone is engineered for incredible maneuverability including 360° aerial stunts!



Battery Compartment  
(2 "AAA" batteries not included)

A.

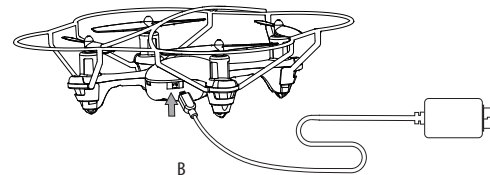
## REMOTE CONTROL BATTERY INSTALLATION

1. Unscrew and remove the battery cover from the back of the controller.
2. Install 2 "AAA" alkaline batteries into the controller as shown in diagram A
3. Replace the battery cover and secure it.
4. Turn over the controller and push the power button, you will see the indicator light turn on and start flashing.

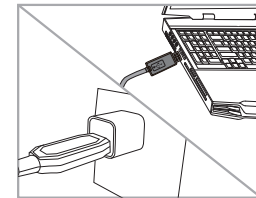
## CHARGING THE STUNT DRONE

1. Make sure the Stunt Drone's power switch is in the "OFF" position and plug the USB charging cord into the charging socket of the Stunt Drone(see diagram B ).  
**Caution: The USB plug fits the charging socket only in one way. Do not force it.**
2. Connect the USB end of the charging cable to your computers USB port or a USB wall charger ( see diagram C ).  
Note these charging times are based on 5.0V system with 2.0A or higher USB outlet.
3. The red LED on the USB plug lights up when charging is complete (See diagram D ).  
**Note: If the red LED lights up, either the charging is complete or the USB plug is not properly connected.**
4. The charging time will vary depending on the percentage of battery already charged. The average charging time is approximately 30-45 minutes. The Stunt Drone operates for approximately 5-7 minutes per charge.

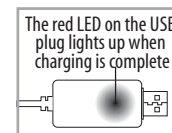
**Low battery indication: the Stunt Drone's LED lights will begin to flash to notify you that the battery is running low. The lights will continue to flash before the Stunt Drone automatically lands.**



B

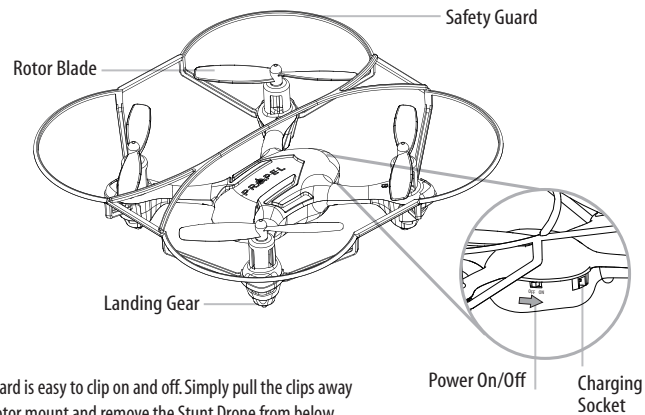


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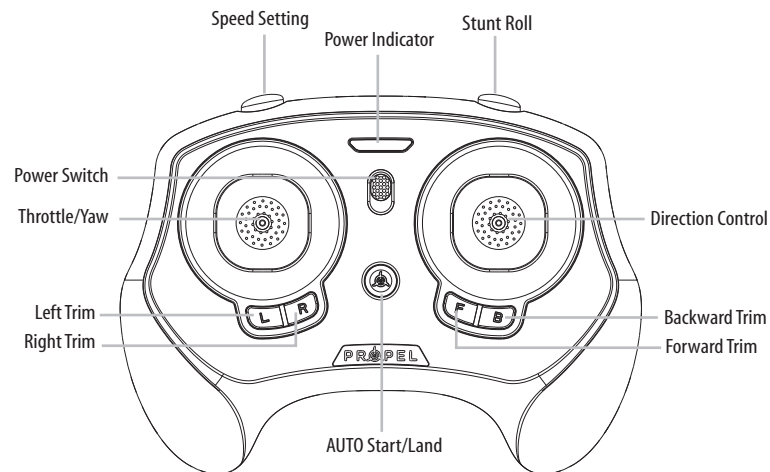
D

## STUNT DRONE DIAGRAM



The safety guard is easy to clip on and off. Simply pull the clips away from each motor mount and remove the Stunt Drone from below.  
Note: Always have the safety guard attached when flying in T-Mode and Mode 1.

## REMOTE DIAGRAM



## WARNING DO NOT FLY YOUR DRONE IN FOUL WEATHER!



## SYNCING YOUR Stunt Drone

**Important!** When syncing your Stunt Drone quadcopter with the controller always make sure that the quadcopter is on a flat level surface and that your digital trim settings are in the center position. This ensures that the 6 Axis gyro is properly programmed to mimic your trim settings. Your Stunt Drone utilizes an automatic 2.4G channel selection system that allows up to 8 people to fly side by side in the same wireless range with no interference.

### For One Person Play:

1. Before starting, make sure that your controller is OFF and the Stunt Drone's battery is disconnected. Make sure that there are no other 2.4G devices in the area as well.
2. Turn ON the Stunt Drone and set it down on a flat surface. The LED indicator lights of the Stunt Drone should begin to flash rapidly.
3. Turn ON your remote and you will hear a long beeps, the LED lights will start flashing slower. Push the throttle stick all the way up until it stops and then pull it back all the way down to the bottom. When pushing the stick up or pulling the stick down you should hear a high-pitched beep both ways. The indicating lights on the drone and controller will stop flashing and stay solid on. Your Stunt Drone 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 Stunt Drone's and Controllers are OFF. Make sure that there are no other 2.4G devices in the area as well.
5. Each person will have to sync his Stunt Drone individually at a different time to avoid interference. Follow steps 1 to 3 above, making sure no one else is syncing at the same time.
6. After syncing a player's Stunt Drone, it should be left ON until all players have synced their quadcopters.
7. Should there be a mistake/interference, all players must turn off their controllers and quadcopters for 60 seconds and then begin the process again.

## PREPARING FOR FLIGHT

- Verify that there are 2 "AAA" batteries inside the remote control unit and the Stunt Drone has been fully charged.
- Make sure your Stunt Drone and controller are both on.
- 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 and bodies of water. Set your Stunt Drone on a clean level flat surface before take-off.

**DO NOT ATTEMPT TO FLY YOUR Stunt Drone IF THERE IS RAIN, SNOW, HEAVY WINDS, THUNDER OR LIGHTNING OUTDOORS. IT COULD DAMAGE YOUR PRODUCT AND POSSIBLY EVEN CAUSE BODILY HARM.**

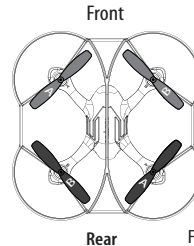
## FLYING TIPS

- It is recommended that you operate the Stunt Drone 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 Stunt Drone with others, make sure all spectators are behind you.
- For best performance, it is recommended that you operate the Stunt Drone in zero wind condition. Wind can greatly affect the performance of the Stunt Drone.

## RECOGNIZING THE FRONT AND REAR OF THE QUADROPTER

Even though the Quadrocopter has four rotors there is still a front or "forward" facing direction and "rear" or backwards facing direction. The Front and forward facing direction of the Quadrocopter is the side with two gray blades (see diagram F ). The rear or "backward" facing direction of the Quadrocopter is the side with charging socket and the two black propellers (see diagram F ).

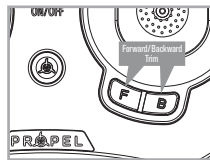
**NOTE:** The front of the Quadrocopter displays WHITE LED lights and the back of the Quadrocopter displays RED LED lights.



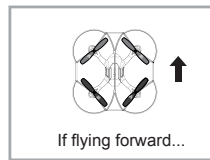
## UNDERSTANDING TRIM ADJUSTMENTS

### Forward/Backward Trim

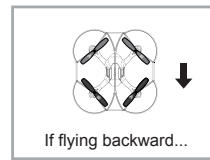
- If your Stunt Drone is moving forwards or backwards automatically, you may need to adjust the FORWARD/BACKWARD TRIM buttons.
- If your Stunt Drone drifts forward, push and release the BACKWARD TRIM (B) button repeatedly until the moving stops and proper flight is maintained.
- If your Stunt Drone drifts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



Forward/Backward Trim Controls



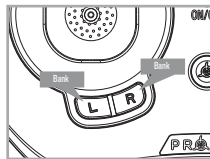
Push and release to go backward



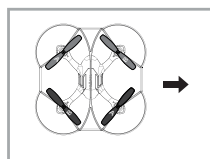
Push and release to go forward

### Banking Left/Right Trim

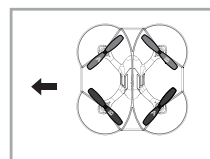
- If your Stunt Drone is not steadily hovering and is banking to the left or right automatically, you may need to adjust the LEFT BANK or RIGHT BANK Trim buttons.
- If your Stunt Drone banks to the left, push and release the RIGHT BANK TRIM (R) button repeatedly until the banking stops and proper flight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



Left/Right Banking Controls



Push the left button to increase left banking sensitivity



Push to right button to increase right banking sensitivity

**NOTE:** The use of the Trim buttons are accompanied with a Beep tone. A single long Beep indicates the product is center trimmed. No beeps after press indicates the product is trimmed to the maximum on a particular side.

## AUTOMATICALLY TAKE OFF / LAND

Make sure you have properly synced The Stunt Drone .

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

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

## UNDERSTANDING THE ALTITUDE LOCK SENSOR

The Stunt Drone has a unique Altitude Lock function, air pressure sensor that allows for easier flight control and stability. It allows the user to ease into piloting the drone. The sensor locks in the altitude of the drone while allowing the user to adjust the directional controls without having to hold the throttle.

After starting the drone, fly it upwards to a safe height. Once at a safe height, release the throttle to the neutral position. Now your Stunt Drone should be locked in the altitude and you can focus on getting used to the directional controls of the Stunt Drone. The drone always will tends to self correct and go back to the last locked height after moved up or down by outside forces.

**Note:** The altitude sensor does have some tolerance based on atmospheric conditions and could have a slight variation in altitude.

## SPEED SETTING BUTTON

The Stunt Drone has 4 speed settings; **T(Training)**, **1(SLOW)**, **2(MEDIUM)** and **3(HIGH)**. The Default setting when you first turn on your Stunt Drone is **1(SLOW)**. To change speed, just press and release the speed setting button (see remote diagram on page 3). Speed level is indicated by number of beeping sounds, one beeping sound for slow speed, two for medium speed and three for high speed.

## T (Training)MODE

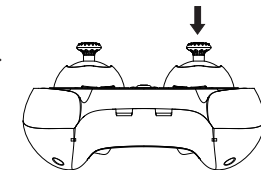
Simply press and hold the Speed Setting Button; till you heard a long beep, now you are in T Mode. T mode allows you to learn how to operate your Stunt Drone at a very slow speed. Also in T mode a minimum and maximum height limit are set to help avoid crashing into the ground or ceiling while learning. To exit T mode just short press the speed setting button again.

## 3/4 CHANNEL SELECT

Stunt Drone allows you to control your quadrocopter in 3 channel mode (beginner) or 4 channel mode (advanced flying). The Stunt Drone default setting is 4 channel mode.

To change to 3 channel mode:

**PRESS** the Direction Control stick vertically down then release, you will hear 3 short beeps indicating the Stunt Drone now is set to 3CH mode.



To change back to 4 Channel mode:

PRESS the Direction Control stick vertically down then release again, you will hear 4 short beeps indicating the Stunt Drone is now set to 4CH mode.

#### 4 CHANNEL FLIGHT CONTROL

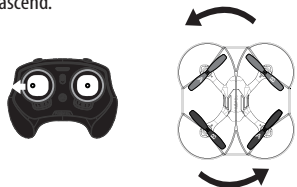
Below is a list of basic flight functions for your long-range remote control Stunt Drone. While learning to fly your Stunt Drone it is best to start with a large space until you get used to the basic controls. As you master flying your Stunt Drone you can move to more advanced maneuvering techniques.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



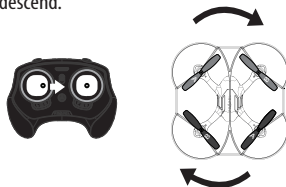
Move the left Throttle stick up to increase the speed and the Stunt Drone will accelerate and ascend.



Move the left Throttle stick down to decrease the speed and the Stunt Drone will decelerate and descend.



Move the left Throttle stick left and the Stunt Drone will turn/spin left.



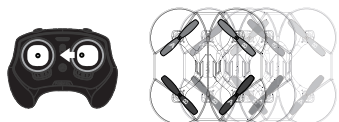
Move the left Throttle stick right and the Stunt Drone will turn/spin right.



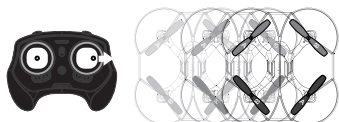
Move the right Direction Stick up and the Stunt Drone will move forward.



Move the right Direction Control down and the Stunt Drone will move backward.



Move the right Direction Control left and the Stunt Drone will bank to the left.



Move the right Direction Control right and the Stunt Drone will bank to the right.

#### 3 CHANNEL FLIGHT CONTROL

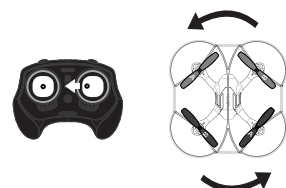
Below is a list of basic flight functions for your long-range remote control Stunt Drone. While learning to fly your Stunt Drone it is best to start with a large space until you get used to the basic controls. As you master flying your Stunt Drone you can move to more advanced maneuvering techniques.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



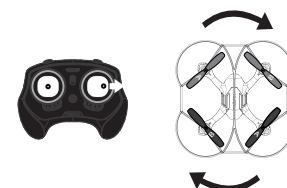
Move the Left Throttle Stick up to increase the speed and the Stunt Drone will accelerate.



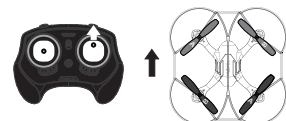
Move the Left Throttle Stick down to decrease the speed and the Stunt Drone will descend.



Move the Right Directional Stick LEFT to spin/turn left



Move the right directional stick RIGHT to spin/turn Right



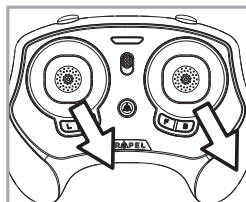
Move the Right Direction Stick forwards and the Stunt Drone will move forward.



Move the Right Direction Stick backwards down and the Stunt Drone will move backwards.

## CALIBRATING THE STUNT DRONE

1. Place the Stunt Drone on a flat level surface.
2. Make sure the Stunt Drone is on and that the controller is synced (refer to syncing pg 4). Do not start the blades. Instead move both the throttles and control stick down and to the right corner (see diagram E). You will hear a beep and see the lights on the drone rapidly flash and stop. Once the lights stop flashing you have completed your calibration and are ready to fly!

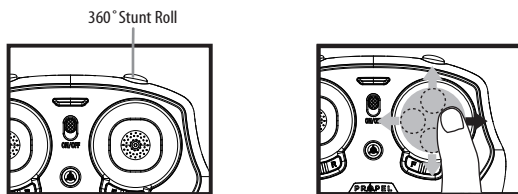


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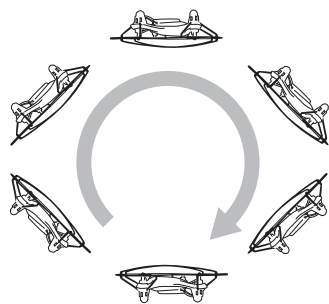
**TROUBLE SHOOTING:** If you do not see the lights flash, first turn off the switch from the drone then turn off your controller and start again. Always make sure to turn on the switch in first, then turn on your controller. Push the left throttle stick up all the way and then pull back down again. When you hear the beep the Stunt Drone is synced to the controller and you are ready to calibrate.

## HOW TO DO 360° STUNT ROLLS

1. In order to make your Stunt Drone do 360° rolls you must fully charge your battery.  
Note: The Stunt Drone will not do 360° stunt rolls in T mode and Mode 1 or under low battery indication (The LED lights on the drone will be flashing).
  2. Once you are ready to attempt a 360° roll, simply depress and let go of the "STUNT" button on the top right hand side of your controller (see Remote Diagram on page 3). You will hear 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. Your Stunt Drone will instantly roll in the associated direction. See diagram below.
- Note: After performed the stunt roll, the beeping sounds will stop. Repeat step 2 to 3 if you wish to do it again.



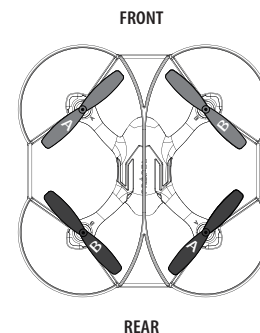
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## REPLACING THE PROPELLER BLADE

Your Stunt Drone 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 Stunt Drone propellers.

1. The Stunt Drone has four blades, two gray color ones on front, and two black color ones on back (see the diagram L).
2. When replacing the propeller blades, make sure to match both the color and indication letter on the blades with the ones shown in Diagram L.
3. To replace the blade, gently pull off the broken blade and push the new correct blade down in place.



L

Gray Blade Front Left = A  
Gray Blade Front Right = B  
Black Blade Back Left = B  
Black Blade Back Right = A



### STUNT DRONE WARNING:

The Stunt Drone is designed for INDOOR or OUTDOOR. The Stunt Drone blades revolve at high speeds and can cause damage to the user, spectators and animals. Stand away from the Stunt Drone to reduce the risk of getting into the flight path. Warn spectators that you will be flying your Stunt Drone 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 Stunt Drone.

#### WARNING!

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

### BATTERY WARNINGS

#### RECHARGEABLE BATTERY:

This Stunt Drone uses a Li-Poly rechargeable battery. If battery can no longer be charged, dispose of battery properly according to local disposal requirements.

#### CONTROLLER BATTERIES:

Remote control requires 2"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 batteries in a fire - batteries may leak or explode.

### CARE AND MAINTENANCE

- Always remove the batteries from the wireless remote control when it is not being used for an extended period of time.
- To clean, gently wipe the remote control and Stunt Drone 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.

## 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](mailto: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](mailto:customer@amaxbrands.com)