

FCC Part 15 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.

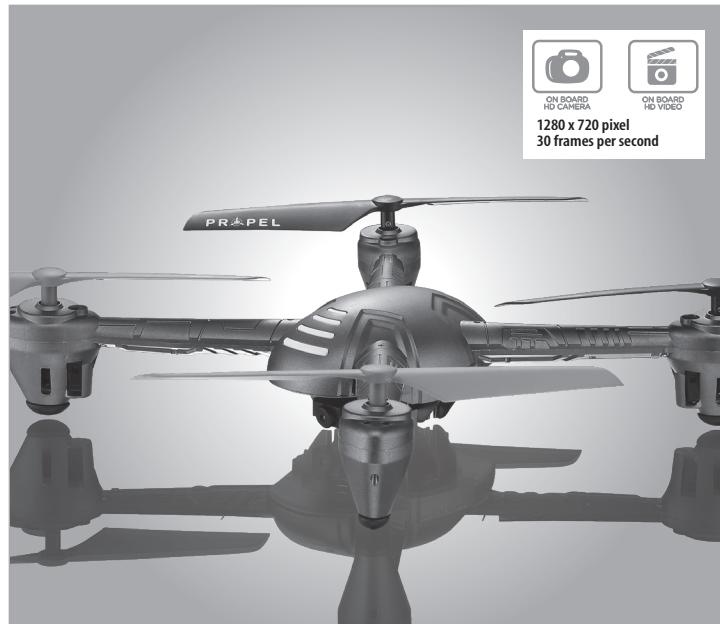


Conforms to safety requirements of FCC.
15760 West Hardy Road Suite 400 Houston Texas 77060 tel: 949.566.9573
© 2015 Rooftop Brands™. All Rights Reserved. www.propelrc.com.

Made in China

HD VIDEO DRONE

2.4GHz Quadrocopter With HD Camera and Altitude Stabilization Technology



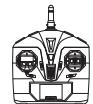
INSTRUCTION BOOKLET

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

PACKAGE CONTAINS:



HD Video Drone



2.4G Wireless Controller



Spare Parts



USB Charging Cord
& Li-Poly
Rechargeable Battery



USB Card Reader



Instruction Manual

Colors and styles may slightly vary.

TABLE OF CONTENTS

Features	2
Remote Control Battery Installation.....	2
Charging the HD Video Drone's Li-Poly Battery	2
HD Video Drone Battery Installation.....	2
HD Video Drone Diagram	3
Remote Control Diagram	3
Flight Preparation.....	4
Syncing Your HD Video Drone	4
Now You Are Ready To Fly	5
Recognizing The Front & Back Of The HD Video Drone	5
How to Start/Stop Rotors	5
Speed Select Button	5
Auto Land Button	5
Adjusting the Trim Settings	5
3 Channel VS 4 Channel Flying	6
3 Channel Flight Control	6
4 Channel Flight Control	7
Flight Practice	7
Adjusting The Trim	8
Calibrating The HD Video Drone	9
How To Perform 360° Stunt Rolls	10
Using Your On-Board Camera And Video Recorder.....	11
Testing /trouble Shooting The Camera Before Flight.....	12
Removing Your Micro SD Card.....	12
Downloading and Clearing Space on Your Micro SD Card	12
Troubleshooting Your HD Video Drone	13
Replacing The Propeller Blades.....	13
Attaching The Blade Guards	14
Warnings	14
Battery Warnings	14
Care and Maintenance	14
FCC Information	15

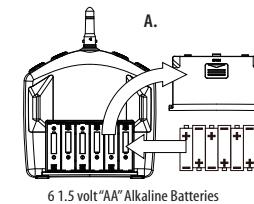
Thank you for purchasing the HD Video Drone 2.4 Ghz Quadrocopter. Please read this instruction booklet as it contains valuable information on how to properly fly and care for your HD Video Drone.

FEATURES

- Wide range digital radio allows flight range up to 500 feet!
- Six axis gyro for extremely stable flight and maneuverability
- Switch-blade technology allows you to operate in 3ch. Or 4ch. Modes for beginner to advanced pilots.
- Push button 360° aerial stunts
- On-board camera records high-definition videos and still photos
- Air pressure sensors lock flight altitude for stable video footage
- Automatically lands with the push of a button
- Additional replacement parts included

REMOTE CONTROL BATTERY INSTALLATION

1. Slide off the battery cover from the back of the controller.
2. Install 6 "AA" alkaline batteries into the controller as shown in diagram A.
3. Replace the battery cover.
4. Turn over the controller and turn the on/off switch to the on position. If the LCD screen turns on you have installed your batteries properly.



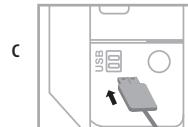
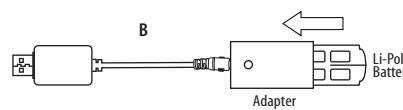
6 1.5 volt "AA" Alkaline Batteries

CHARGING THE HD VIDEO DRONE'S LI-POLY BATTERY

1. Connect the battery to the adaptor as shown (see illustration B).
2. Next, connect the USB charging cord to your computer's USB port (see diagram C)

Note: The USB adapter has a RED LED indicator light to indicate it is charging.
3. When the battery is fully charged the charging indicator light will change to green.
4. Average charging time is approximately 80-100 minutes. A fully charged drone can fly for approximately 10 minutes depending on environment and user input.

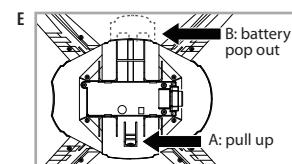
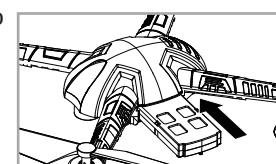
NOTE: You may purchase additional batteries and chargers at www.propelrc.com



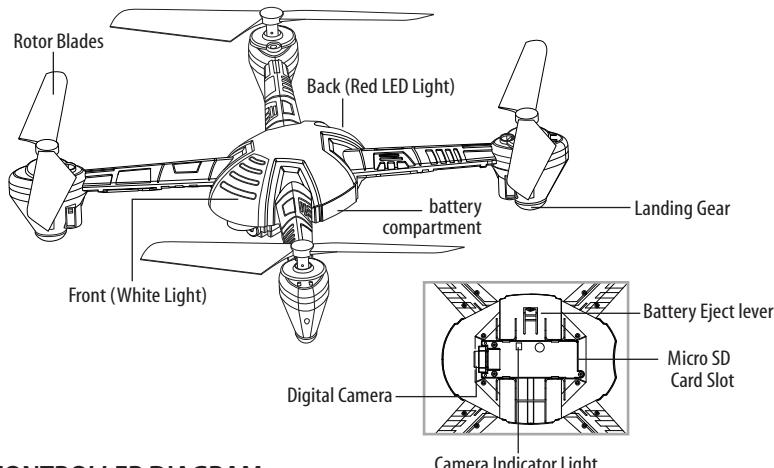
IMPORTANT: ALWAYS REMEMBER TO UNPLUG YOUR CHARGING CORD WHEN NOT IN USE!

HD VIDEO DRONE BATTERY INSTALLATION

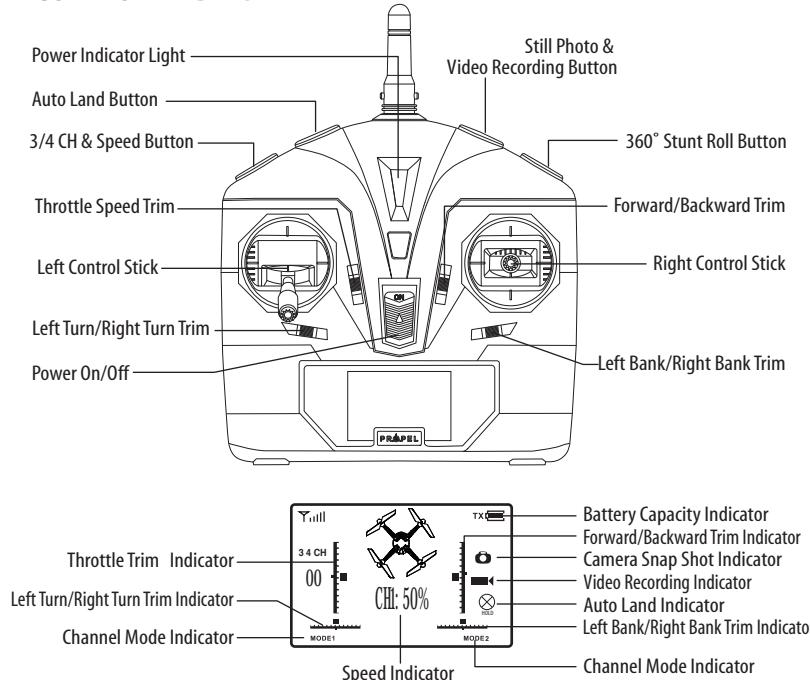
1. Slide the fully charged battery into the HD Video Drone's battery compartment (see diagram D). The battery is designed to only fit in the compartment one-way, with the guide rail on the bottom of battery facing downward.
2. Push the battery all the way in and you will hear a click, the drone's LED lights will light up and begin flashing when you have installed the battery correctly.
3. NOTE: The HD Video Drone has no On/Off switch. The HD Video Drone automatically turns on when the battery is installed.
4. Removing the battery: On the underside of the drone body you will see a small battery eject lever. Using your finger nail pull the lever up and the battery will eject about 0.5-1cm (see diagram E). Lastly, using your thumb and forefinger gently pull out the battery.



HD VIDEO DRONE DIAGRAM



CONTROLLER DIAGRAM



WARNING

DO NOT FLY YOUR HD VIDEO DRONE IN FOUL WEATHER!



FLIGHT PREPARATION

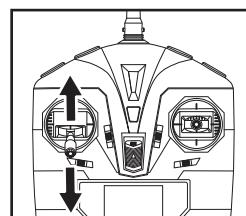
- Verify that there are 6 "AA" batteries inside the remote control unit and the HD Video Drone has been fully charged.
- Make sure to be in a large open space preferably a field or a park with an open radius of at least 200 feet.
- Make sure to start your drone on a clean flat level surface before take-off.
- **IMPORTANT! Until you have experience in flying your HD Video drone, it is not advised to use in any rate of wind. Wait until a zero wind day or extremely light wind when learning how to fly.**

SYNCING YOUR HD VIDEO DRONE

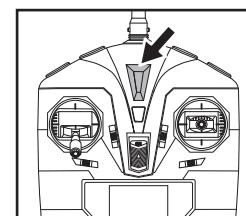
Important! When syncing your HD Video Drone with the controller always make sure that the drone is on a flat level surface and that your digital trim settings are in the center position. This insures that the 6 Axis gyro is properly programmed to respond to your trim settings. Your HD Video Drone utilizes 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.

1. Before starting, make sure that the power switch on your controller is off and the battery is removed from the HD Video Drone. Make sure that there are no other 2.4G devices in the area.
2. Insert the battery into the HD Video Drone and set it down on any flat surface. The red and white LED lights on top of the drone should begin to flash repeatedly.
3. Quickly turn ON the remote and you will notice that the top red LED light on the face of the controller should also be flashing.
4. Push the left control stick all the way up until it stops and then pull it back all the way down to the bottom (see illustration below). When pulling the stick down to the bottom you should hear a high-pitched beep and the lights on both the drone and the controller should stop flashing and become solid. If the lights on both the drone and the controller have stopped flashing and become solid you have successfully synced your HD Video Drone and are ready to fly. If the lights on the controller or the drone are still flashing repeat steps 1-4 again.

- **TIP 1: try not to leave too much time between putting your battery into the drone and turning on the controller or your syncing window will time-out.**
- **TIP 2: Syncing your drone indoors or in the shade will make it easier to see the LED light indicators on both the controller and the drone.**



move the control stick all the way up and all the way down you should hear a beep



the flashing red LED light will become solid when you are synced

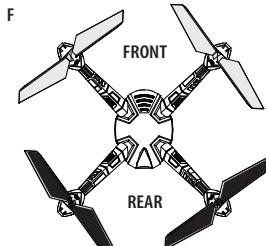
NOW YOU ARE READY TO FLY!

If you have successfully synced your HD Video drone 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 land feature and how the controls work so please carefully read and familiarize yourself with various control features explain 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 HD Video drone too high until you become a more experience pilot.

RECOGNIZING THE FRONT & BACK OF THE HD VIDEO DRONE

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

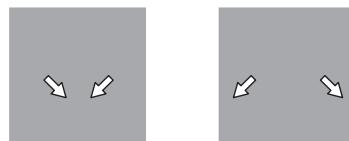
NOTE: The front of the Quadrocopter also displays WHITE LED light and the back of the Quadrocopter displays RED LED lights.



HOW TO START/STOP ROTORS

Make sure you have properly synced the HD Video drone and the power is on.

- To start and stop the rotors simply move the two control sticks either simultaneously down and to the inside or down and to the outside corners and hold for one second (see illustration below).



Note: Either position will both start and stop the rotors so use the position you are most comfortable with.

- Once the rotors begin to spin release the control sticks and they will return to the center position. Now you are ready for take-off.

SPEED SELECT BUTTON

The HD Video Drone has 3 speed settings; SLOW (40%), MEDIUM (70%) and HIGH (100%). The Default setting when you first turn on your HD Video Drone is the SLOW (40%) speed mode. To increase the speed simply trigger the Speed setting button (see remote diagram on pg 3) you will hear a beep and the speed setting indicator on screen will show you what speed setting you are on. Speed settings can be set before flight or during the flight.

AUTO LAND BUTTON

The HD Video Drone has an auto land feature which allows you to land automatically. Simply press the Auto Land Button for 1.5 seconds and your HD Video Drone will begin land itself.

Note: you can still control the direction while auto landing to avoid obstacles

3 CHANNEL VS 4 CHANNEL FLYING

Propels unique "switch-blade" technology allows you to choose between 3ch or 4ch flight control modes. Most people with no experience in flying multi copters may find 3ch easier to learn at first as controls are set up to simply move forward, back, turn left and turn right. 4channel flying gives the operator ultimate control by adding two more dimension of flight banking left and banking right.

- NOTE:** The HD Video Drone's default setting is 4 Channel mode.

To change to 3 Channel mode:

PRESS and hold the 3/4 CH. button (see remote diagram on pg 3), you will hear beep sounds and the screen showing MODE 2 indicating the HD Video Drone now is set to 3 CH. mode.

To change back to 4 Channel mode:

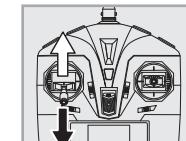
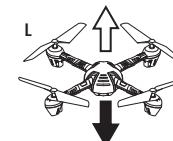
PRESS and hold the 3/4 CH. button (see remote diagram on pg 3), you will hear beep sounds and the screen showing MODE 1 indicating the HD Video Drone is now set to 4 CH. mode.

3 CHANNEL FLIGHT CONTROL

Below is a list of basic flight functions for your long-range remote to control the HD Video Drone. While learning to fly your HD Video Drone it is best to start in a large space until you get used to the basic controls. As you master flying your HD Video 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.

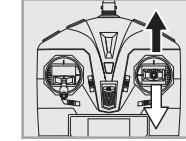
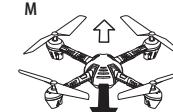
Move the left Throttle stick up to increase the propeller speed and the HD Video Drone will accelerate and ascend.

Move the left Throttle stick down to decrease the propeller speed and the HD Video Drone will decelerate and descend (see diagram L).



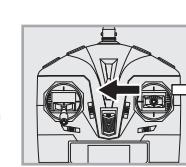
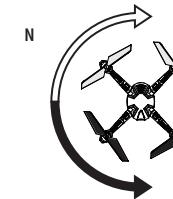
While in the air, move the right Direction Stick up and the HD Video Drone will move forward.

Move the right Direction Control down and the HD Video Drone will move backward (see diagram M).



While in the air, move the right Direction Control left and the HD Video Drone will spin to the left.

Move the right Direction Control right and the HD Video Drone will spin to the right (see diagram N).

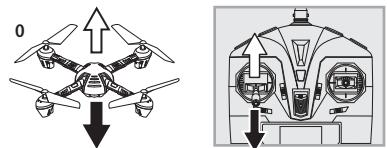


4 CHANNEL FLIGHT CONTROL

Below is a list of basic flight functions for your long-range remote to control the HD Video Drone. While learning to fly your HD Video Drone it is best to start in a large space until you get used to the basic controls. As you master flying your HD Video Drone you can move to more advanced maneuvering techniques. Practice makes perfect!

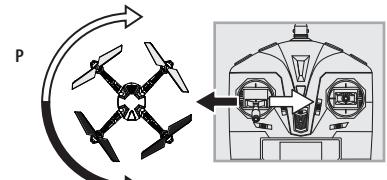
Move the left Throttle stick up to increase the propeller speed and the HD Video Drone will accelerate and ascend.

Move the left Throttle stick down to decrease the propeller speed and the HD Video Drone will decelerate and descend (see diagram O).



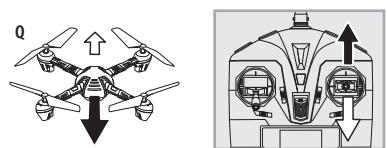
While in the air, move the left Throttle stick left and the HD Video Drone will rotate left.

Move the left Throttle stick right and the HD Video Drone will rotate right (see diagram P).



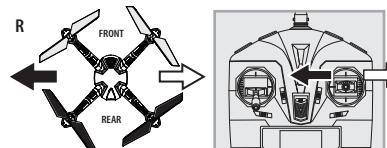
While in the air, move the right Direction Stick up and the HD Video Drone will move forward.

Move the right Direction Control down and the HD Video Drone will move backward (see diagram Q).



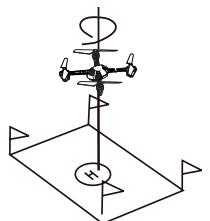
While in the air, move the right Direction Control left and the HD Video Drone will bank to the left.

Move the right Direction Control right and the HD Video Drone will bank to the right (see diagram R).

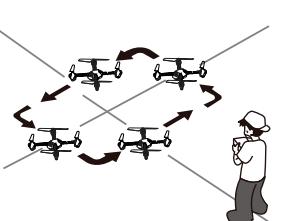


FLIGHT PRACTICE

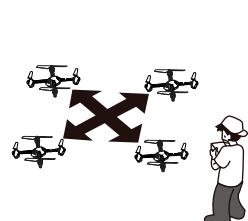
To master flying your aircraft try practicing the excercises shown below. Start with simple vertical takeoffs, landings, and left/right turning and rotating. Once those are mastered move on to square and cross maneuvers. Good luck and have fun!



Fixed-point landing



Square Pattern Maneuver



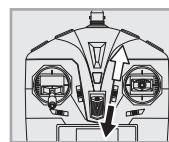
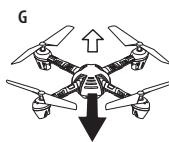
Cross Pattern Maneuver

ADJUSTING THE TRIM

NOTE: The HD Video Drone is already properly trimmed and calibrated right out of the box and should not require any trim adjustments before flying. Some more experienced pilots may want to adjust trim settings for their style of flying. After several crashes you may need to adjust trim settings for the HD Video Drone to be more balanced.

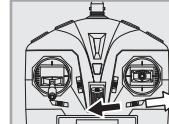
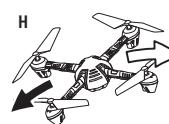
Forward/Backward Trim

- If your HD Video Drone drifts forward while in the air, push and release the BACKWARD TRIM button back repeatedly until the motion stops and proper flight is maintained (see diagram G).
- If your HD Video Drone drifts backwards, push and release the FORWARD TRIM button forward in the same manner until the problem is resolved.



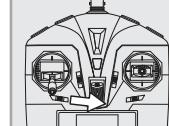
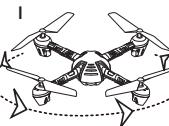
Bank Right/Left Trim

- If your HD Video Drone drifts left while in the air, push and release the RIGHT TRIM button back repeatedly until the motion stops and proper flight is maintained (see diagram H).
- If your HD Video Drone drifts right, push and release the LEFT TRIM button in the same manner until the problem is resolved.



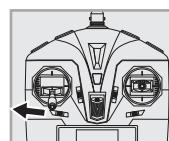
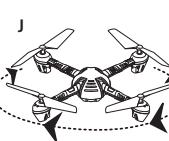
Spin Left Trim

- If your HD Video Drone spins left while in the air, push and release the RIGHT SPIN TRIM button back repeatedly until the motion stops and proper flight is maintained (see diagram I).



Spin Right Trim

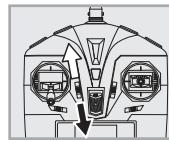
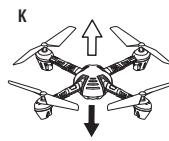
- If your HD Video Drone spins right while in the air, push and release the LEFT SPIN TRIM button in the same manner until the problem is resolved (see diagram J).



Throttle Speed Trim

If you find the throttle is too sensitive when you fly the HD Video Drone, you may need to utilize the Throttle speed trim.

- Push and release the Throttle speed trim button back to lower the sensitivity of the throttle. Push and release the Throttle speed trim button forward to increase the sensitivity of the throttle (see diagram K). The middle position is recommended.



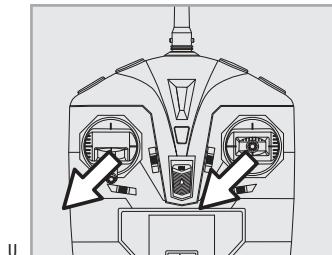
NOTE: The use of the Trim buttons utilizes sounds. A single long Beep indicates the product is center trimmed. Continuous long Beeps indicate the product is trimmed to the maximum on a particular side.

CALIBRATING THE HD VIDEO DRONE

NOTE: Your HD Video Drone comes pre-calibrated out of the box so you are ready to fly. After several crashes and shock to your gyro sensors, you may notice that your drone is drifting and not holding its center position as well as it used to. This most likely means that you need to recalibrate the 6 axis gyro. Please follow the simple instructions below.

1. Using the included Calibration Table: Place the calibration table on the ground or any other stable surface.
2. Adjust the four screws making them longer or shorter until your water level air bubble is perfectly balanced in the center ring. (See Diagram S).
3. Gently set your HD Video drone on the cross sections of the calibration table: (See Diagram T).
4. Make sure the HD Video Drone is on and that the controller is synced (refer to syncing pg 4.). Do not start the blades. Instead move both the throttle and control stick down and to the left corner and hold them there for 5 seconds(See Diagram U). You will 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!

TROUBLE SHOOTING: If you do not see the lights flash, turn off your controller take out the battery in the Drone and Start again. Always make sure to put your battery 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 HD VideoDrone is synced to the controller and you are ready to calibrate.

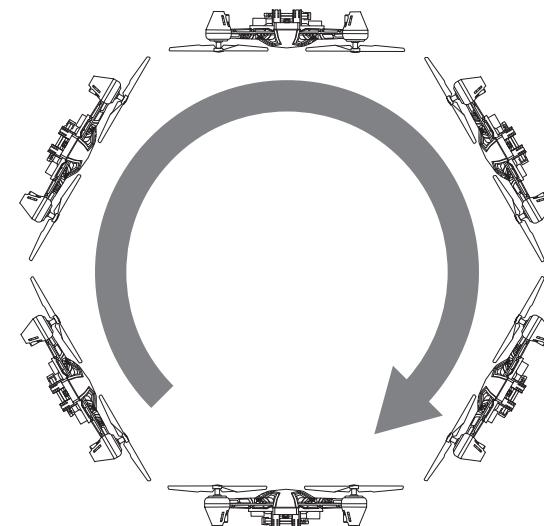
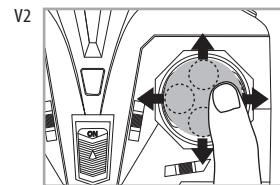
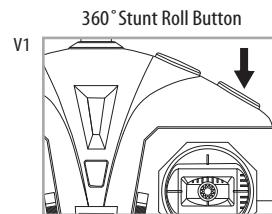


IMPORTANT TIP: WHEN USING YOUR CALIBRATION TABLE IT WILL WORK BEST IF YOU START WITH THE SCREWS HALF-WAY THROUGH THE SCREW HOLES. STARTING WITH THE SCREWS ALL THE WAY THROUGH THE HOLES MAY MAKE IT DIFFICULT TO PROPERLY LEVEL THE TABLE

HOW TO PERFORM 360° STUNT ROLLS

Performing 360° stunt rolls with the HD Video Drone is as easy as 1-2-3:

1. Hover the HD Video Drone in still position making sure that you have at least 5 feet of clearance above and below the quadrocopter, Set the speed settings to 70% or 100%.
2. Press down and hold the 360 stunt button for 1.5 seconds and you will enter the stunt roll mode which is indicated by a rapid beeping (see diagram V1).
3. Determine which direction you want it to flip and quickly push the right control stick in the direction you want to flip your HD Video drone (see diagram V2).
You have 4 choices a) Forward Roll, b) Backwards roll, c) Right side roll, d) Left side roll.
4. To exit the Stunt Roll mode, simply release the button.



IMPORTANT NOTE: YOU MUST DEPRESS HOLD DOWN THE STUNT BUTTON UNTIL YOU BEGIN TO FLIP.

USING YOUR ON-BOARD CAMERA AND VIDEO RECORDER

Your HD Video Drone comes equipped with an onboard digital camera that takes both video and still photographs. Now you can have hours of fun creating aerial photography and videos for family and friends.

WHAT YOU WILL NEED TO GET STARTED USING YOUR CAMERA

1. One Micro SD card (not included)
2. One Micro SD card reader (included)
3. A Computer with a USB port and Windows Media Player or other Media player that can play AVI files (not included).

FORMATTING YOUR MICRO SD CARD

Before you can begin to take videos or digital photographs you must first format your Micro SD card. To format your Micro SD card simply place the Micro SD card into the included USB SD card reader and plug it into your computers USB port (See diagram W1 and W2 below). After a few moments an icon will appear on your Desktop. Right click on the icon and follow instructions to format your Micro SD card.

INSTALLING THE MICRO SD CARD IN YOUR HD VIDEO DRONE

- Place the formatted Micro SD card into the back of the HD Video Drone's digital camera port (see diagram W3 below). Push gently until you hear and feel the micro SD card "click" into the digital camera slot.
- Turn the HD Video Drone on and make sure that it is both fully charged and properly synced to the Controller (see HOW TO SYNC YOUR QUADROCOPTER on page 4.).
- When you have successfully installed your Micro SD card and your HD Video Drone's battery, you will see a solid green LED light on the camera unit underside (see camera indicator light diagram W4 below).
NOTE: If you see no light this means you have not installed your Micro SD card correctly or there is a problem with your SD card. If this happens first make sure that the product is not in Video Record mode and if not then please reformat and try again. If you continue to encounter problems call our customers service line at (949) 566-9573 Ext 1 for assistance.

TAKING DIGITAL PHOTOS

To take photographs quickly press and release the CAMERA button on the top right side of the controller (refer to CONTROLLER DIAGRAM on pg. 3), when you push the button you will hear a "beep" and the camera icon will show up for a moment on your LCD screen (refer to CONTROLLER SCREEN DIAGRAM on pg. 3) indicating that a picture has been taken. When the camera icon has disappeared you are ready for your next photograph.

RECORDING VIDEOS

To begin recording a video depress and hold down CAMERA button for 3 seconds. You will hear a "beep" and the video recording icon will show up on your LCD screen to indicate that you are in video mode and the camera is recording. To stop the video recording, press and hold the CAMERA button a second time. The video recording icon on the LCD screen will disappeared indicating that the video recording has stopped and the Camera is in ready mode again.

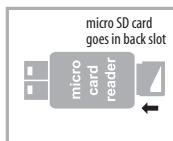


Diagram W1

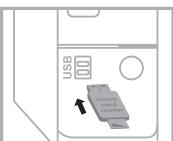


Diagram W2

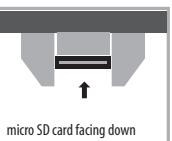


Diagram W3

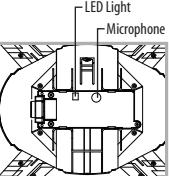


Diagram W4

IMPORTANT NOTICE: You can not take photos and videos at the same time. When you are in video mode your camera/ photo button is disabled. If you want to take photos you must first turn off video mode.
Note: The HD Video Drone can record up to 3 minutes of video.

TESTING /TROUBLE SHOOTING THE CAMERA BEFORE FLIGHT

It's a good idea to test that your camera is working before beginning flight.

Start by making sure that your HD Video drone is properly synced to the controller (see How to Sync pg 4). Note: there is no need to start the rotors as the camera function is a separate system. You only need to be synced.

1. Turn the drone upside down (it is recommended to just hold in your hand) and insert a micro SD card. The micro SD card can only fit in one way so do not force it. When the SD card is installed all the way you will hear a "Click" sound and a Green LED light should appear on the belly of the camera (see Camera Diagram W4). The green light indicates that you have properly installed the Micro SD card and are ready for taking pictures and videos. If you don't see the green LED indicator light then start again. Remember to make sure that the drone and controller are properly synced and that the Micro SD card is inserted until you hear a "click".
2. **Testing the Still Photo Feature:** Keeping the drone upside down, quickly depress and release the CAMERA button on the top right hand side of the controller. The green LED should disappear and a Red LED light should appear in its place and flash 3x then become green again. You will also see the camera icon show up on the controller screen at the same moment. Congratulations you just took a picture and tested your camera. If you did not see 3 red lights flash then you must start again from the beginning.
3. **Testing the Video Recording Feature:** Keeping the drone upside down, depress and hold down the CAMERA button for 3 seconds. The green LED light on the camera belly will turn red and begin to flash continuously. This means that you are recording video. If you check your controller you should see that the record video icon is now on your controller screen. To stop recording video simply press and release the Camera button one more time and the Green LED light should return, indicating that the camera is once again in ready mode.

REMOVING YOUR MICRO SD CARD

To remove your Micro SD Card push in gently on the back of the SD card with your thumb or forefinger until you hear and feel a "clicking sound." The Micro SD card will "pop-out" slightly and is ready for removal. Simply grab and pull gently away from the HD Video Drone's camera port to remove the card. Always store your Micro SD card in a clean, safe and cool environment.

DOWNLOADING AND CLEARING SPACE ON YOUR MICRO SD CARD

Plug your Micro SD card into the Micro SD card reader and connect to your computer. It is best to always download all your videos and pictures on to your computer and not store this data on your Micro SD card. After downloading your photos and videos, follow your computers instructions to "delete" files on your Micro SD card.

IMPORTANT NOTICE: When your Micro SD card is full the indicator light on the bottom of your helicopter will not flash when you press the photo or video record buttons. This indicates that its time put a new SD card in your HD Video Drone or download files and clear space for future photos and videos.

TROUBLESHOOTING YOUR HD VIDEO DRONE

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
No Power	1. Power switched off 2. Polarity is reversed 3. Batteries may be low or in need of charging	1. Switch the ON/OFF switch to ON 2. Make sure all batteries are installed correctly (see diagram A) 3. Replace batteries
Aircraft Not Responding	1. Remote is switched off 2. battery power in remote is too weak 3. The remote is not properly synced 4. Out of control range	1. Switch the ON/OFF switch to ON 2. Connect the battery to HD Video Drone 3. Re-sync the remote 4. Do not fly beyond 500 feet
Aircraft Won't lift off	1. Rotor speed too slow 2. Aircraft not fully charged 3. Obstruction of rotors	1. Push throttle lever forward 2. Recharge your HD Video Drone 3. Check rotors for hair or other obstructions
Aircraft Descends Too Fast	Moving the throttle down too quickly flying in high wind or bad weather	Control the throttle slower, use auto land feature, Do not fly in bad weather

If you continue to encounter problems call our customers service line at (949) 566-9573 Ext 1 for assistance.

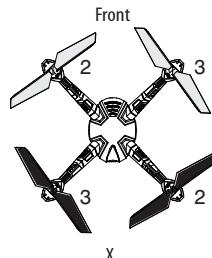
REPLACING THE PROPELLER BLADES

Your HD Video Drone's propeller system is a precision instrument that may need repair or replacement from time to time for optimal flight function. Crash landing at high-speed may cause damage to your HD Video Drone's propellers.

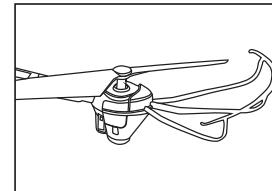
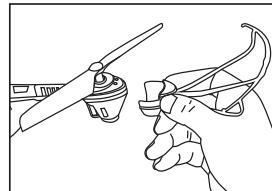
- The HD Video Drone has four blades, two gray colors on front, and two black colors on back (see the diagram X).
- When replacing the propeller blades, make sure to match both the color of the blade and the indication letter on the blade.
- Replace the damaged blade with the correct blade.

Gray Blade Front Left = 2
Gray Blade Front Right = 3

Black Blade Back Left = 3
Black Blade Back Right = 2



ATTACHING THE BLADE GUARDS



Your HD Video drone is equipped with 4 blade guards for beginner flying. These can be easily removed and re-attached when needed. To attach the blade guard, align each guard with the slots on the body near the propeller as shown. Clip the two notches on the inner portion of the blade guards into place on the slots and adjust to ensure they have been locked in securely.

HD VIDEO DRONE WARNING:

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

WARNING!

- Choking/Cutting Hazard. Small Parts/Sharp Rotor Blades.
- Keep hands, hair and loose clothing away from the propeller when the power switch is turned to the ON position.
- Turn off the transmitter and HD Video Drone power switches when not in use.
- The included charger is built specifically for the HD Video 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 HD Video Drone.

BATTERY WARNINGS

RECHARGEABLE BATTERY:

This HD Video Drone uses a Li-Poly rechargeable battery. If battery no longer stays charged, dispose of battery properly according to local disposal requirements.

CONTROLLER BATTERIES:

Remote control requires 6 "AA" 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 HD Video 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.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p. i. r. e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.