



BATTLE DRONES

2 QUADCOPTER COMBAT DRONES DR1717B

USER'S GUIDE FOR MODEL DR1717 V1772-01

Warnings & Precautions

Important Safety Instructions

- Read and follow all instructions.
- Keep these instructions for future reference.
- Heed all Warnings.
- Intended for children ages 14 and higher. Adult supervision is required.
- Only use attachments/accessories specified by the manufacturer.
- Before flying, always check the body, rotors, and battery for any damage or obstructions.
- Battery should be free from cracks or swelling.
- Keep the rotors clear of any obstructions and body parts to avoid potential damage and injury.
- Manufacturer and dealer assume no liability for accidental damages from improper use or installation of parts, or from damage incurred from worn or broken parts.
- Pilots are responsible for their actions and any damage caused from improper use.
- Pilots should keep the craft in sight at all times during flight. If you lose sight of the craft at any time, power down and cease flight immediately.
- Only fly in large, open areas that are free from obstacles or potential hazards, such as trees, power lines, ceiling fans, and the like.
- Flying over bodies of water is not recommended.
- Flying at night is not recommended.
- Never try to retrieve the craft from areas you cannot safely reach, such as rooftops or trees.
- Never launch the craft from your hand.
- Never leave the craft unattended while it is powered on or while the battery is charging.

FCC Warnings

Warning: Changes or modifications to this unit 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 an experienced radio/TV technician for help.

Additional Warnings & Precautions

- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping, or splashing.
- **CAUTION:** Use of controls or adjustments or performance of procedures other than those specified may result in personal injury.
- **WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- **CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Lithium batteries, like all rechargeable batteries, are recyclable and should be recycled or disposed of according to state and local guidelines. They should never be disposed of in normal household waste, and they should never be incinerated, as they might explode. Contact your local government for disposal or recycling practices in your area.
- **WARNING:** Shock hazard - Do Not Open.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Do not mix old and new batteries.
- Completely replace all old batteries with new ones.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.
- Batteries should be recycled or disposed of as per state and local guidelines.
- **WARNING:** This product may contain chemicals known to the State of California to cause birth defects, or other reproductive harm (California Prop 65). Wash hands after handling.
- This product meets and complies with all Federal regulations.

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SkyRider Battle Drones ════════

FEATURES

- Infrared lasers and sensors with 4 strike battle functions
- 360° flips & tricks
- 6-axis gyroscope
- 3 speeds: low, medium, high
- Control distance: up to 98 ft.
- LED navigation lights
- IR “laser” distance: 9.8 ft.
- Operating time: 5-7 minutes
- Charge time: 40-50 minutes

INCLUDES

- 2 anti-interference remote controls: each requires 4 AA batteries (not included)
- 2 rechargeable lithium-polymer battery
- 2 USB cable for battery recharge
- 8 replacement rotors
- Screwdriver
- User's guide & warranty

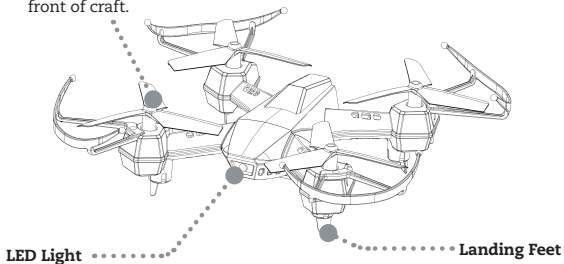


Overview

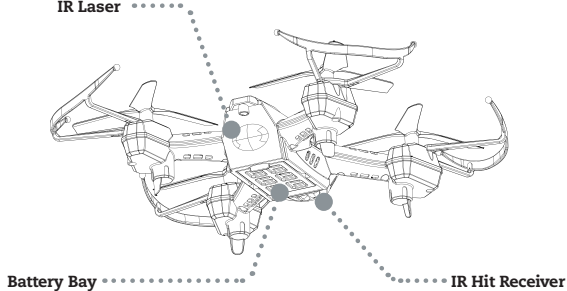
CRAFT LAYOUT & FEATURES

Rotors & Guards

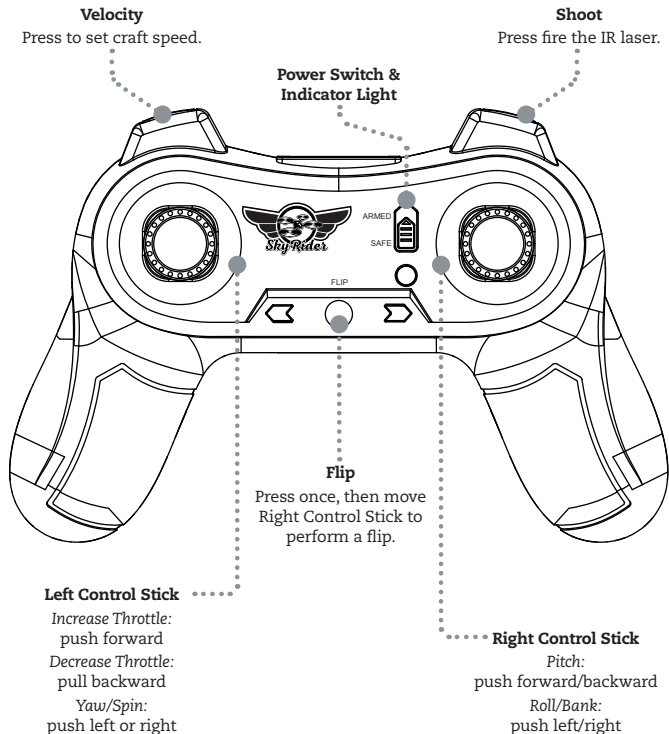
Red/blue rotors indicate front of craft.



IR Laser



REMOTE CONTROL



Batteries & Charging

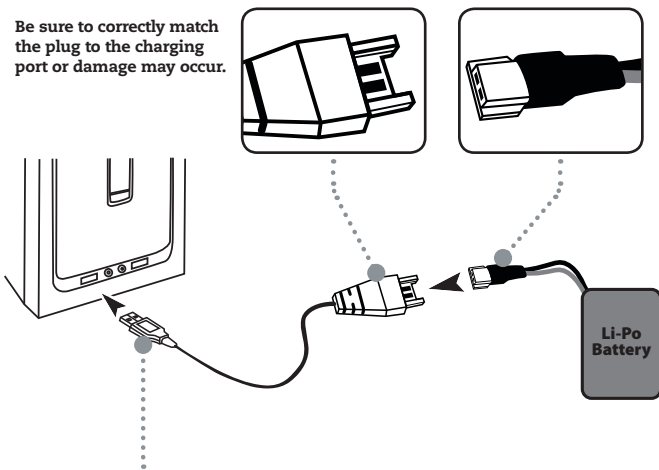
CRAFT BATTERY

The craft's battery must be charged before the unit can be flown. It is recommended to remove the battery from the drone when charging.

Connect the charging cable (included) to the USB port of a powered ON computer or USB power adapter (not included), then connect the charging plug to the unit.

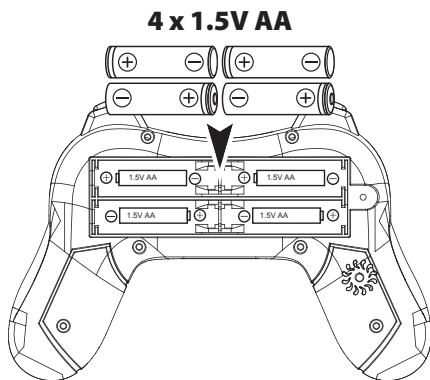
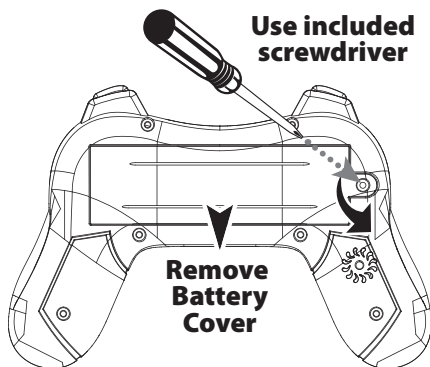
Charge fully before use for maximum performance and flight time. Charging time is approximately 40 to 50 minutes.

Be sure to correctly match the plug to the charging port or damage may occur.



CHARGE STATUS	INDICATOR LIGHT
Unit is charging	ON
Charging complete	OFF

REMOTE CONTROL BATTERIES



Flying

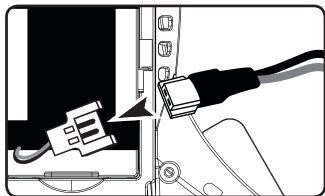
CRAFT/REMOTE LINK

Before flying, each craft and remote must be linked and the gyroscopes must be allowed to calibrate.

Begin with the craft and remote powered off.

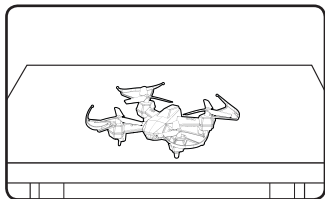
STEP 1 - CRAFT POWER

Power the craft ON by connecting the battery plug to the power cable in the battery bay of the craft. The LED light will blink as the craft searches for a signal from the remote.



STEP 2 - PRE-FLIGHT

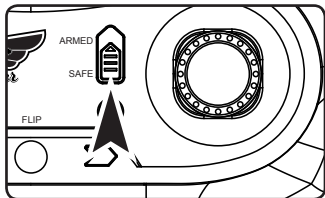
Place the craft on a flat, level surface. **This is necessary for the craft's gyroscopes to properly align.**



STEP 3 - REMOTE POWER

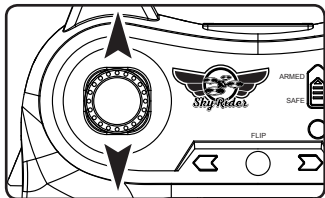
Power the remote control ON. The light on the remote will blink as it searches for the signal from the craft.

An audible chime will sound when the remote and the craft have linked with each other.



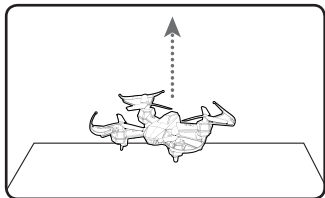
STEP 4 - CALIBRATION

Push the **Left Control Stick (throttle)** fully forward, wait for a chime to sound, then pull the stick fully to the rear and wait for a second chime. **When this last chime has sounded you are ready to fly.**



STEP 5 - LIFT OFF

Push the **Left Control Stick (throttle)** forward to take off. Use both thumbsticks to control the craft.



WHEN YOU'RE DONE FLYING..

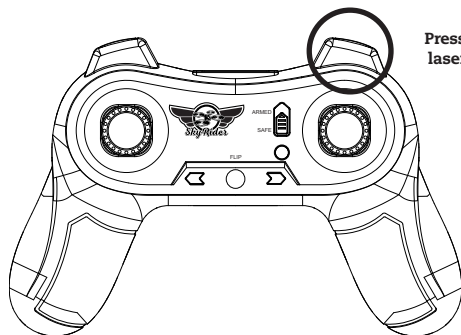
After safely landing, keep the **Left Control Stick (throttle)** in the lowest position (OFF) and **power OFF the remote first** to make sure that no signals are accidentally sent to the craft. This will reduce the chance of injury. After the remote is powered OFF, it is safe to pick up the craft and remove the battery.

AUTO-FREQUENCY SETTING

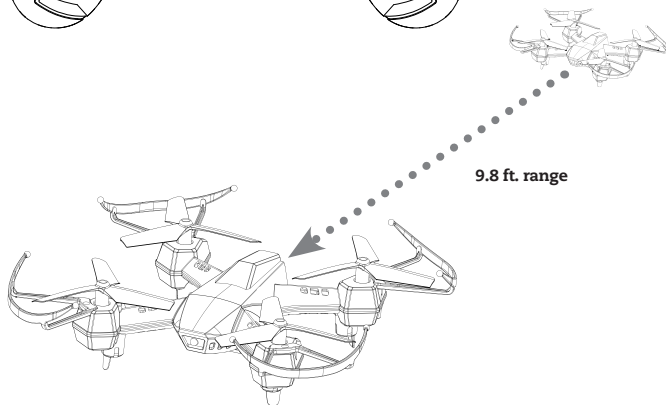
Each remote uses a unique radio frequency to connect to either drone. It is recommended to power ON and connect one drone at a time to avoid connecting to both drones, however if a remote is connected to both drones you can pull downwards and out on both control thumbsticks to automatically reset the frequency and connect to the remote you are using.

Battle!

Use the infrared lasers and dogfight with your friends. The first pilot to score 4 hits wins the battle.

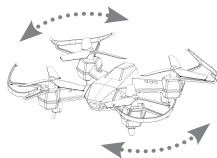


Press Trigger to shoot IR laser at your opponent.



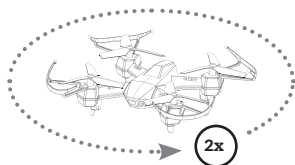
1ST HIT

Drone will yaw left and right.



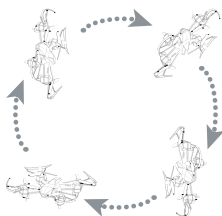
2ND HIT

Drone will spin completely around twice to the left.



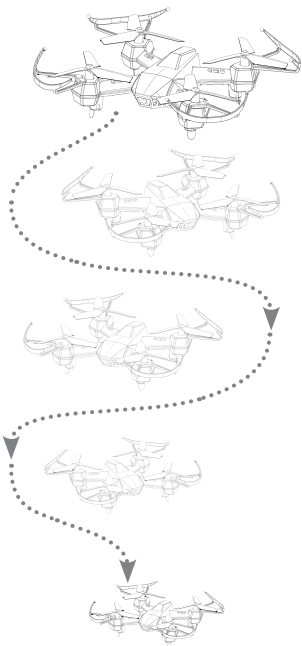
3RD HIT

Drone will flip.



4TH HIT - GAME OVER

Drone will spin in place and slowly land on the ground.



Flying Tips & Features

TIPS FOR SAFE OPERATION

- Only fly in large, open spaces free of obstacles like power lines, trees, ceiling fans, etc.
- It is best to fly 2 to 3 ft. from the ground and any obstacles. Flying low to the ground directs turbulence from the rotors back towards the craft, making it more difficult to control. Avoid walls and ceilings, as the craft may be drawn towards them if closer than 2 to 3 feet.
- Stand behind the craft when first taking off, so that you and the craft are facing the same “forward” direction. This will make it easier to know which direction the unit is flying.
- Practice basic flight operations like take off, hovering and landing.
- Novice pilots should move the controls slowly and deliberately, using one control at a time, to get used to the craft’s flying characteristics.
- If you crash, throttle down the engines IMMEDIATELY to reduce the chance of permanent damage to the craft and other objects.
- If anything obstructs the rotors for any reason, throttle down IMMEDIATELY and safely clear the obstruction. Check for damage before flying again.

SPEED SETTING

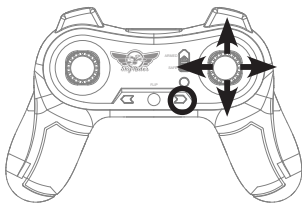
The craft has three settings for the responsiveness of the flight controls. The higher settings allow for faster and more precise control of the craft. Novice pilots are recommended to start with the lowest setting.

Press the **Velocity button** once to set the desired speed.

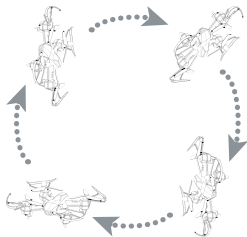
- **Low:** Gives smooth and predictable control. The remote will chime once to indicate the speed.
- **Medium:** The craft will move and respond faster to all control inputs. The remote will chime twice to indicate the speed.
- **High:** Highest setting for maximum performance. The remote will chime three times to indicate the speed.

FLIPS & TRICKS

Before attempting any stunts, be sure that there is ample clear space around the craft, ideally 3 to 5 ft. in every direction. It is not recommended to attempt to flip around or through any obstacles as this may result in unintended damage.



Press the **Flip button once**, then move the **Right Control Stick** in any direction.



Craft will perform flip in the desired direction.

Repair

REMINDER: Pilots are responsible for any damage caused by improper use.

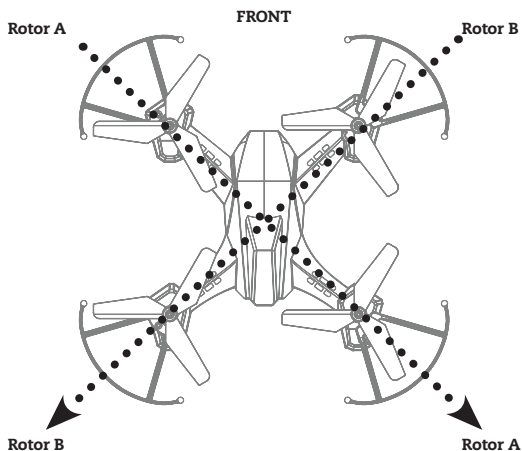
ROTOR REPLACEMENT

To replace a rotor, use a small Phillips head screwdriver (included) to remove the screw connecting the rotor to the motor shaft. Replace the damaged rotor and secure with the screwdriver.

It is extremely important to use the correct rotor, A or B, for replacement.

The marking can be seen on the top of the rotor near the center cap. Using the incorrect rotor will make the craft impossible to control.

Each craft comes with 4 replacement rotors, 2 A-type and 2 B-type.



Matching rotors should be diagonally opposed.

Troubleshooting

If you are experiencing problems using or flying the craft, consult this table.

PROBLEM	POSSIBLE CAUSES	SOLUTION
Craft does not respond to controls.	• No power to remote or craft. • Craft is out of receiver range.	• Check remote batteries, replace if needed. • Check craft's battery, charge if needed. • Be sure the remote has an unobstructed line of sight to the craft. • Remain within the remote's 98 ft. range.
Craft is difficult to control or flies erratically.	• Gyroscopes may be misaligned.	• Power OFF, recalibrate remote and craft (see pg. 10).
Craft suffers from mechanical trouble.	• Damage to body, rotors, or other major components.	• Repair or replace parts as needed.
LED lights ON but craft does not respond to controls.	• Low battery power.	• Recharge the battery.

Customer Support

CONTACT INFORMATION

Website: www.gpx.com

Email Support: prodinfo@dpiinc.com

Email Parts: partsinfo@dpiinc.com

Phone Support: 1-888-999-4215

WARRANTY

See included 30 Day Warranty for warranty information. Warranty and the most up-to-date version of this User's Guide can also be found at: <http://gpx.com/dr1717.html>

INTERNATIONAL SUPPORT

To download this User's Guide in English, Spanish, and French, or to get answers to frequently asked questions, visit the support section at: www.gpx.com

Para descargar este Manual del Usuario en inglés, español y francés, o para obtener respuestas a preguntas frecuentes, visite la sección de apoyo en: www.gpx.com

Pour télécharger ce guide de l'utilisateur en anglais, espagnol ou français, ou pour obtenir des réponses à des questions fréquemment posées, consultez la rubrique d'assistance sur: www.gpx.com



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