

MOTA®

AGES 8+



OWNER'S MANUAL

JETJAT™ Nano-C



For Owner's Manual updates, warranty information, instructional videos, and support, please visit:

www.mota.com/jetjat-nano-c

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Fly Safely!

Drones are sophisticated precision devices capable of complex aerial maneuvers. Please read these safety instructions before using your drone. Failure to operate your drone safely could degrade its performance and cause harm to people, animals, or property.

Please do not fly:

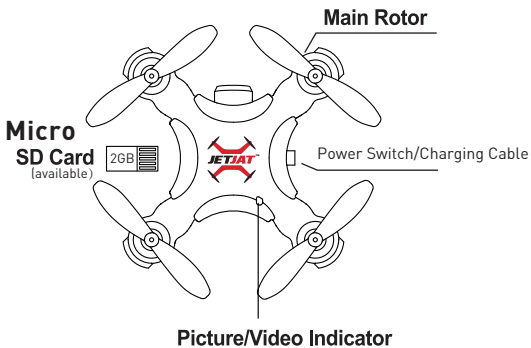
- Near or around obstacles such as birds or pets, aircraft, helicopters, other drones, antennas or overhead lines, or airborne toys like kites.
- In or near airports or restricted areas.
- In adverse conditions such as strong winds, rain, hail, snow or sleet.
- If you are impaired, tired, or distracted.

Please do:

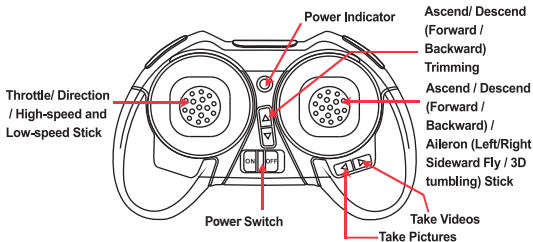
- Know and comply with laws and regulations respecting drone use in your area.
- Keep hands away from rotors when drone is switched on.
- Fly within transmitter range, which is 75 feet.

Download your
SAVE-A-DRONE
Flight Safety Poster
@ mota.com/jetjat

JETJAT Nano-C



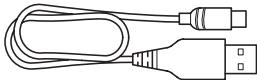
TRANSMITTER



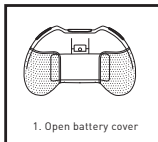
BLADE



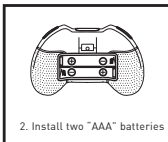
USB CHARGING CABLE



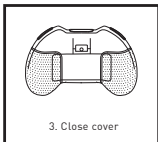
Battery Installation and Charging



1. Open battery cover



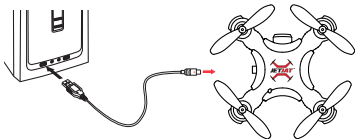
2. Install two "AAA" batteries



3. Close cover

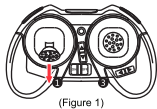
Note: Check that both batteries' positive and negative terminals are installed correctly.

Charging the JETJAT Nano-C



Pre-flight

1. Turn ON the transmitter.
2. Pull the throttle all the way back toward the user. (Figure 1) The transmitter will beep once.
3. Turn ON the drone and place it on a level surface. Its lights will flash.
4. Push the throttle all the way forward, away from the user. (Figure 2)
5. Pull the throttle all the way back toward the user. The drone's lights should stop flashing.



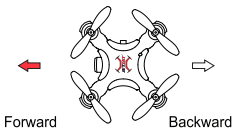
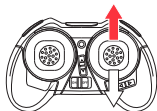
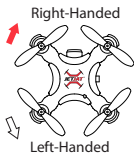
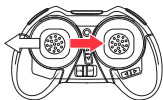
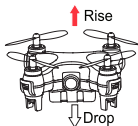
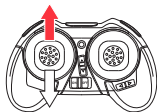
(Figure 1)



(Figure 2)

Operation and Control

Caution: Please operate the control stick slowly when flying your drone. During flying, the drone may lose altitude when maneuvering. Therefore, you may need to add more power to keep the drone flying at a given height.



- Throttle: Ascent and Descent
- Direction: Left and Right Rotation
- Rudder: Fly Forward or Backward
- Aileron: Fly Left or Right

Left Transverse
movement ←

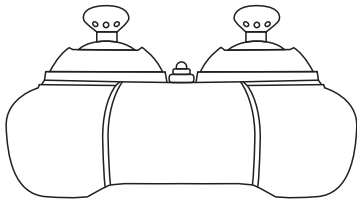
Right Transverse
movement →



Response Levels

Press the left throttle down to traverse through three control levels.

- Moderate: Single "beep" - moderate control responsiveness
- High: Double "beep" - high control responsiveness
- Maximum: Triple "beep" - highest control responsiveness



Aerial Tumbling

JETJAT Nano-C can do aerial flips.

- Flips can be performed in any one of 4 horizontal directions: left, right, forward, or backward.
- In order to better carry out aerial flips, ensure the drone is at least one meter above the ground.
- To perform flips, first press the right throttle. A single “beep” from the transmitter signals the drone is in flip mode.

Once in flip mode:

Left Flip: Push the aileron to the left.

Right Flip: Push the aileron to the right.

Front Flip: Push the ascend/descend throttle forward.

Back Flip: Push the ascend/descend throttle back.

Photo and Video

Video:

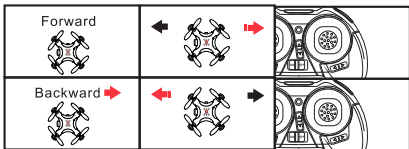
Start Recording: Once the drone and transmitter are paired, briefly press the video switch on the transmitter. The blue Video-Photo indicator light on the drone will flash quickly.

Stop Recording: When recording, briefly press the Video switch on the transmitter. The Video-Photo indicator light on the drone will turn a steady blue indicating recording has finished.

Photos:

Once the drone and transmitter are paired, briefly press the Photo switch on the transmitter. The blue Video-Photo indicator light on the drone will flash quickly twice. This signals that the camera has stored a photo on the Micro SD Card

Trim Adjustment



Accelerometer Calibration

If the drone appears unstable or drifts to one direction, you need to calibrate the accelerometer.

1. After pairing the drone and transmitter, place the drone on a level surface.
2. Set Sensitivity to Maximum and pull the throttle all the way back and left while pushing the ascend/descend aileron all the way forward to the upper left. The drone's main lights will flash for 1-2 seconds, indicating that the calibration was successful.

Note: If the drone still drifts in one direction, you may need to compensate for the accelerometer's horizontal angle of deviation. Re-pair the drone and transmitter if necessary, then place the drone on a level surface with several sheets of paper under the rotor facing the direction of the flight. Then re-calibrate the accelerometer.

Low Battery and Standby Function

Low Battery Voltage

When the battery voltage is running low, the four LED indicators on the drone will flash. Lower the flying height and land the drone as soon as possible to avoid damaging the drone. Turn off the drone power and recharge.

Standby Function

After about 8 minutes of inactivity, the drone will automatically turn off. To turn on the drone, move the Power Switch to the OFF and then ON positions. The LED lights will indicate that it is turned on.

TROUBLESHOOTING TIPS

PROBLEM	STEPS
Rotors not functioning properly.	Turn the drone OFF, then ON and pair with the transmitter. Replace the propellers if deformed, damaged, or installed incorrectly. How: 1. Grasp propeller underneath center cap where it meets drone body. 2. Pull straight off its shaft.
Drone will not take off.	Check that the drone is fully charged. If necessary, check Accelerometer calibration.
Auto Shut-Off Protection: If the rotors are obstructed during operation, the drone will shut-off.	Clear the obstruction. Turn the drone OFF, then ON. Check that the drone is fully charged.

Specifications

Dimensions

L x W x H: 32 x 32 x 22 mm

Weight: 0.6 oz

Camera: 0.3 megapixels

Range: Approximately 75 feet

Flight Time: Approximately 2.5 to 4 minutes

Charging Time (120 mAh, 3.7 V): Approximately 25 minutes

Note: Flight time, range and charging time may vary depending on flight conditions and battery condition.

Lithium Battery Safety Guide



WARNING:

If the device is not operating, charging the lithium battery may cause fire, injury, or loss of property. The user should be aware of the risks while using the product. The manufacturer shall not in any way be liable to you or to any third party for any damages you or any third party may suffer as a result of use, intended or unintended. Please carefully read these safety guidelines and charging instructions before use.

Lithium Battery Guarantee

MOTA guarantees quality materials and workmanship for this product. Under no circumstances will MOTA compensate an amount higher than the valued retail price.

Your drone uses an internal high-performance non-removable lithium battery. The transmitter uses 2 AAA replaceable batteries. Please store the drone and batteries in a cool, dry environment away from children and pets.

1. Do not disassemble, pierce, cut, or distort the drone or its batteries. Doing so is a safety hazard and violates the warranty.
2. Please use the only original USB charger cable included with the drone.
3. When charging, ensure the drone is in a ventilated area, on a hard surface and uncovered, and do not leave it unattended more than a few minutes. The drone automatically stops charging after the battery is full (you will see the red light on the USB connector turn OFF) but it is recommended you disconnect the power source once your drone is charged.
4. Do not fly or store the drone in very high temperatures or near any heat source, open flame, or flammable materials.
5. Metal objects may cause a short in the battery if they touch its positive ("+") and/or negative ("-") terminals. Please do not store or transport the drone and transmitter with metallic objects of any kind such as coins, keys, thumb drives, etc.
6. In the unlikely event the drone or transmitter's batteries emit an odor, smoke or liquid, or if you notice any other abnormal condition, immediately disconnect the drone from the charging device (if connected) and take the drone and transmitter outdoors to a safe area. Do not attempt to charge, operate or switch the drone transmitter ON or OFF. Do not touch any liquids as it may irritate the skin. If liquid from a battery accidentally gets into an eye, rinse the eye with clear water. If irritation persists, seek medical attention.
7. When the batteries reach the end of their useful life, please dispose of the drone and transmitter batteries at an authorized recycling center or organization.

Warranty

This product carries a 90-day Limited Warranty against defects in materials and workmanship. The Limited Warranty is valid only if defect(s) are reported to MOTA Technical Support before the drone's first flight. MOTA is not responsible for any damage to the product and/or accessories other than defects in materials and workmanship. MOTA is not responsible for any indirect or consequential damages or liability arising from use of the product by the owner or others. This Limited Warranty has additional terms, conditions, and exclusions which may be read at www.mota.com/support.