

KODO™

Radio Controlled Quadcopter



RADIO



For Mode 2 operation, slide the mode switch to the MD2 position and hold the controller with the throttle on the left side.



For Mode 1 operation, slide the mode switch to the MD1 position and hold the controller with the throttle on the right side.

CHARGING THE FLIGHT BATTERY

Plug the charger into a USB to AC adapter or USB port on a computer as shown and connect the battery. The red LED will flash slowly while charging and be steady when the charge is complete.

- **NEVER** leave the battery unattended while charging.
- **DO NOT** allow the USB port to power down while the charger is connected to the battery.
- **ALWAYS** unplug the charger from the USB port and the battery when charging is complete.



RADIO SETUP

Remove the screw on the battery compartment cover. Take the cover off and insert 2 AAA batteries.



PROP GUARD INSTALLATION

To protect the propellers from crash damage, attach the prop guards before flight.



1. Carefully pry off the prop using a screwdriver.

NOTE: Do one corner at a time so you don't accidentally mix up the props



2. Push the prop guard in place.



3. Push the prop onto the motor so it is tight on the shaft.

PREPARING TO FLY

Your KODO is fitted with a Power-On failsafe. This is designed to ensure that the motors will not start until the KODO has detected the controller.

1. Move the throttle stick to the lowest position. Power on the controller. (*Mode 2 shown.*)
2. Place the KODO on a level surface and connect the battery. **Do not move the KODO** until you hear two beeps and the LEDs have stopped flashing.
3. Advance the throttle to the highest position. The controller will beep once.
4. Move the throttle back to the lowest position. The controller will beep once. The KODO is now ready to fly.



Important! When you are finished with your flight, **immediately UNPLUG the battery.**

LOW BATTERY INDICATOR

The LEDs on the KODO will flash when the battery voltage is low and the model should land as soon as possible to avoid damaging the battery. Always unplug the battery after flight. The battery needs to be charged before the quadcopter is stored.

CAMERA OPERATION



Please disconnect the battery before the memory card is inserted or removed from the camera. When KODO is linked with the controller and the card is installed correctly, there will be a steady blue LED just above the card. A red LED flashing next to the blue LED when the camera is not operating indicates that the card is missing or not installed correctly.

To record a video, press the "V" button. The red LED next to the blue LED above the card will flash slowly to indicate that the camera is recording. Press the "V" button again to stop the recording and store the video on the card. If the KODO battery is unplugged while the camera is recording, the video will not be saved onto the card.



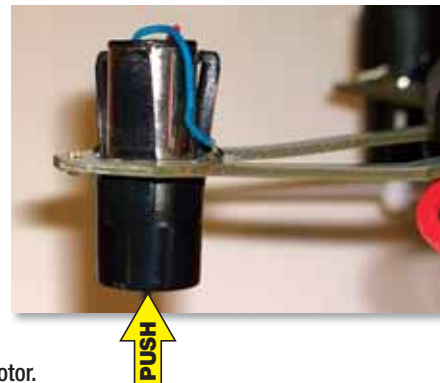
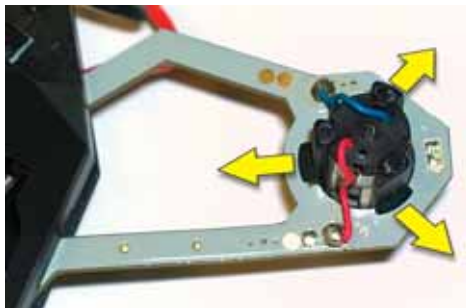
To capture a photo, press the "P" button. The red LED on the quad will flash once to indicate that a photo has been captured and stored. The camera will not capture a photo while it is recording a video.



MOTOR REPLACEMENT

The motors are not hard to replace, but a soldering iron will be required to remove and replace the wires.

1. Remove the propeller from the motor.
2. Remove the motor cover from the bottom of the motor holder.
3. While holding any two of the clamping arms away from the motor, press the motor shaft down on the workbench until the remaining clamp comes loose so the motor can be removed from the holder.
4. Unsolder the wires from the frame and remove the motor from the holder.
5. Verify that the wires on the new motor are the same color.
6. Push the new motor down in the holder until the clamping arms are back in position over the end of the motor.
7. Solder the wires to the frame. The wire on the right side of the frame should always be blue or white.
8. Install the motor cover and replace the propeller if it is undamaged.



TROUBLESHOOTING

PROBLEM: The quadcopter will not respond to the radio.

SOLUTION: (1) Turn off the radio and disconnect the battery for the KODO. Re-link the quadcopter and radio. (2) Make sure that the battery on the KODO is fully charged.

PROBLEM: Red radio LED light flashing after linking.

SOLUTION: Replace with new AAA batteries.

PROBLEM: KODO will not stay level.

SOLUTION: (1) Place the quadcopter on a level surface and restart the quad by unplugging and plugging in the battery. (2) Check the props and motors for damage.

PROBLEM: Unable to Flip but the KODO is flying.

SOLUTION: Battery voltage is low and needs to be charged.

PROBLEM: Will not take off.

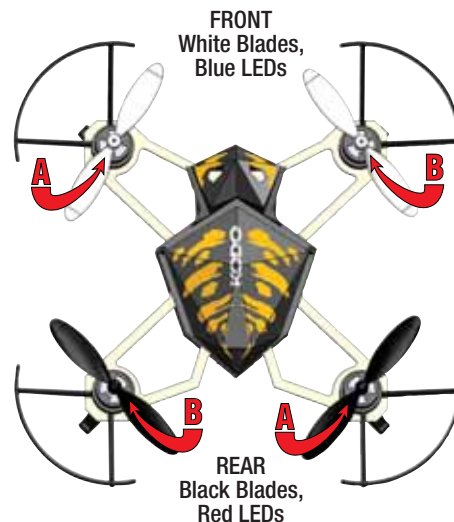
SOLUTION: (1) Check the rotor blades for proper installation. (2) Battery is not fully charged. (3) Check motors and props for damage.

PROBLEM: Quadcopter is shaking.

SOLUTION: Check the canopy, chassis, motors and rotor blades for damage.

BLADE REPLACEMENT

NOTE: Rotor blades *must* be installed as shown.



REPLACEMENT PARTS

1 DIDE1500	Upper Shell Black/Yellow	9 DIDE1509	Motor CCW R/F L/R (2)
2 DIDE1501	Battery Tray	10 DIDE1510	Screw Set
3 DIDE1502	Prop Set Black/White (4)	11 DIDM1500	Flight Control Board w/Arms
4 DIDE1503	Prop Guard Set (4)	12 DIDZ1500	Camera
5 DIDE1504	Lower Shell	DIDE1511	USB 1S LiPo Charger
6 DIDE1505	Motor Holder (4)	DIDE1512	Transmitter
7 DIDE1506	Motor Cover (4)	DIDZ1501	Micro Card Reader
8 DIDE1508	Motor CW L/F R/R (2)	DIDE1507	LIPO 1S 3.7V 390MAH

