

# USER'S MANUAL

★ Learn more about Drone Fighter in the [flight simulator](#).

## DRONE FIGHTER mini combat quadcopter



[www.byrobot.co.kr](http://www.byrobot.co.kr)  
[www.facebook.com/DroneFighter165](https://www.facebook.com/DroneFighter165)

### SAFETY PRECAUTIONS

1. You have to be at least 14 years old to fly the Drone Fighter.
2. Train yourself in the flight simulator before fly the actual Drone Fighter. Please use good common sense at all times.
3. This product contains small parts that may pose a choking hazard. Keep away from reach of children and animals.
4. Even though you can fly Drone Fighter indoor and outdoor, please be careful with the rotating blades, do not fly near crowd of people or animals.
5. Keep the Drone Fighter in sight during flight.
6. Do not modify any parts of this product.
7. This product use Lithium Polymer battery. Please handle the battery with care.
8. Remove the battery from the Drone Fighter after it landed safely.
9. During flight, keep away from any magnetic, electrical or wireless devices.
10. Only use the provided charger to recharge the battery.
11. Do not touch the product with wet hands, this may cause shorts.

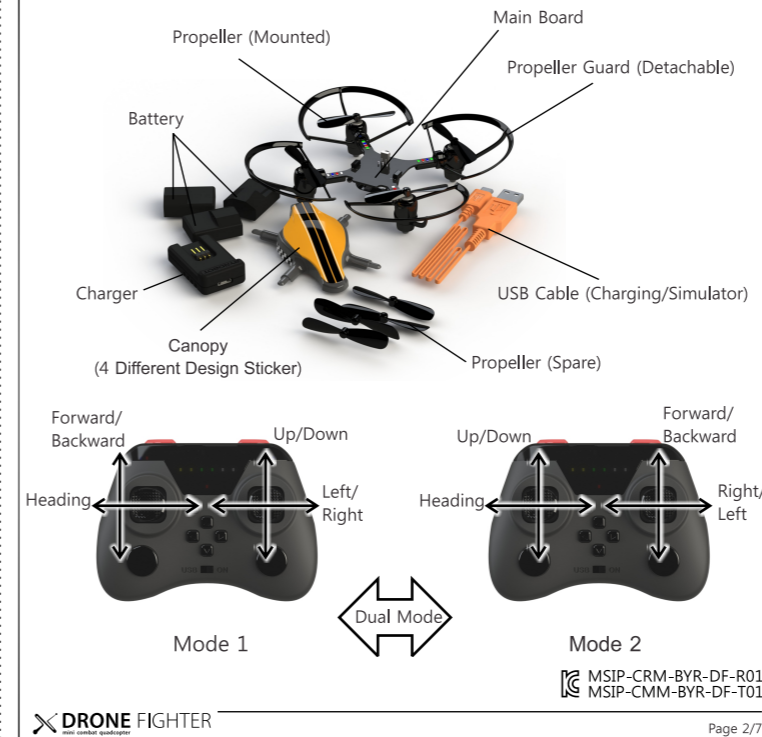
### LITHIUM POLYMER BATTERY SAFETY GUIDE

⚠ Li-Po battery have a severe risk of fire and injury if they are improperly handled, abused, or misused. Please read thoroughly the Safety Guide before use.

1. Do not overcharging the battery.
2. Only use the provided charger to recharge the battery.
3. Do not open the battery cover.
4. Keep away from any flammable material or high-temperature environments.
5. During charging, do not cover the battery or charger. And do not leave it unattended.
6. Always keep away the battery from metal object.
7. Do not throw the battery into fire.
8. When not in use, store the battery in a cool and dry environment.

DRONE FIGHTER

Page 1/7



DRONE FIGHTER

Page 2/7

### Combat Flight Game

1. Combat game can be performed between red and blue team.
2. There are 6 energies stored in the Drone Fighter. Each time you got shot, the energy will be reduced one. The amount of energy identified by the LED lights in the controller.
3. When the Drone Fighter got shot, it will be shaking, and the controller will be vibrating and making sound.
4. When the Drone Fighter lost all the energy, it will be landed.
5. To restore the energy, restart the controller

※ For more information, learn in the [flight simulator](#).

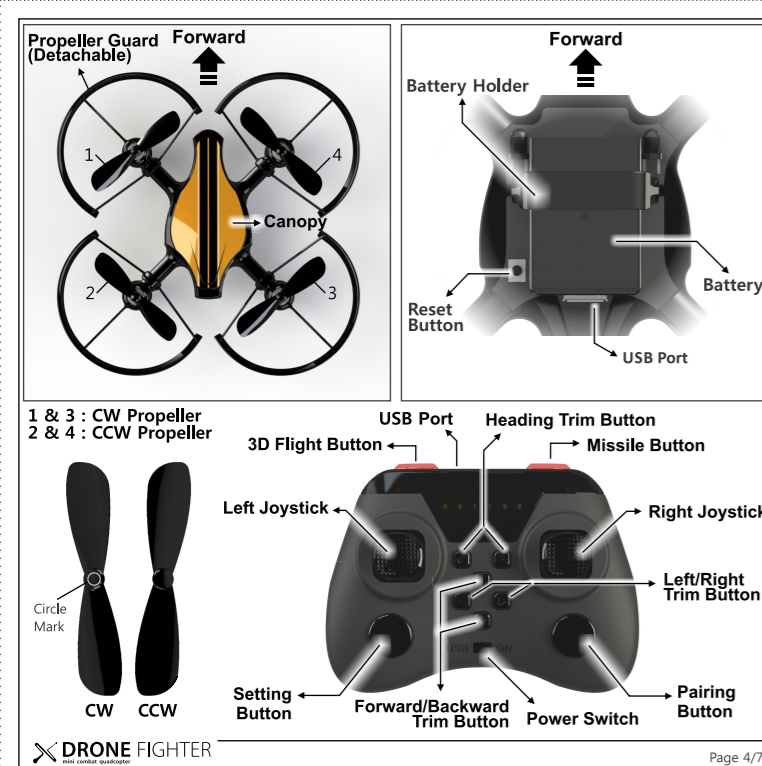
### Flight Simulator

1. In the flight simulator, you can virtually fly the Drone Fighter. It is hardly recommended to use flight simulator before fly the actual Drone Fighter. (Download : [www.byrobot.co.kr](http://www.byrobot.co.kr) → data)
2. Use the controller to play in the flight simulator.
3. Updating the firmware of Drone Fighter and controller is performed through the flight simulator. Firmware update will be posted on website.

EASY	SMART	FUN
Easy to Maintain	Flight Simulator	360° 3D Flight
Easy to Control	Updateable	Night Flight
		VS Combat Game

DRONE FIGHTER

Page 3/7



DRONE FIGHTER

Page 4/7

### Start to Flying

Please refer to "드론파이터 쿼 가이드" in the homepage ([www.byrobot.co.kr](http://www.byrobot.co.kr))

<b>POWER ON</b>	<ol style="list-style-type: none"> <li>1. Keep the controller OFF (USB Mode), insert battery to the Drone Fighter. → In Drone Fighter, Red and Blue LED will be blinking alternately.</li> <li>2. Insert battery to controller. Turn the controller ON. → The controller will making sound and white and green LED in Drone Fighter will be turned on.</li> </ol>
<b>SETTING COORDINATES</b>	<ol style="list-style-type: none"> <li>3. Align the controller and Drone Fighter (Fig. 3)</li> <li>4. On the controller, press the setting and pairing button at same time. This is for setting the coordinates. (Fig. 1) → Controller will be beeping once. ※ Flight area is recommended. (Fig. 3)</li> </ol>
<b>TAKE-OFF</b>	<ol style="list-style-type: none"> <li>5. Pull up the left joystick once. → 4 propeller will rotate and Drone Fighter will take off.</li> </ol>
<b>LANDING</b>	<ol style="list-style-type: none"> <li>6. Pull down the left joystick until Drone Fighter touches the ground.</li> <li>7. Hold the left joystick down and press the left red button. (Fig. 2) → The motor will stop.</li> </ol>

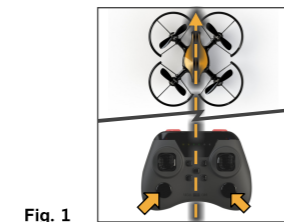


Fig. 1



Fig. 2

DRONE FIGHTER

Page 5/7

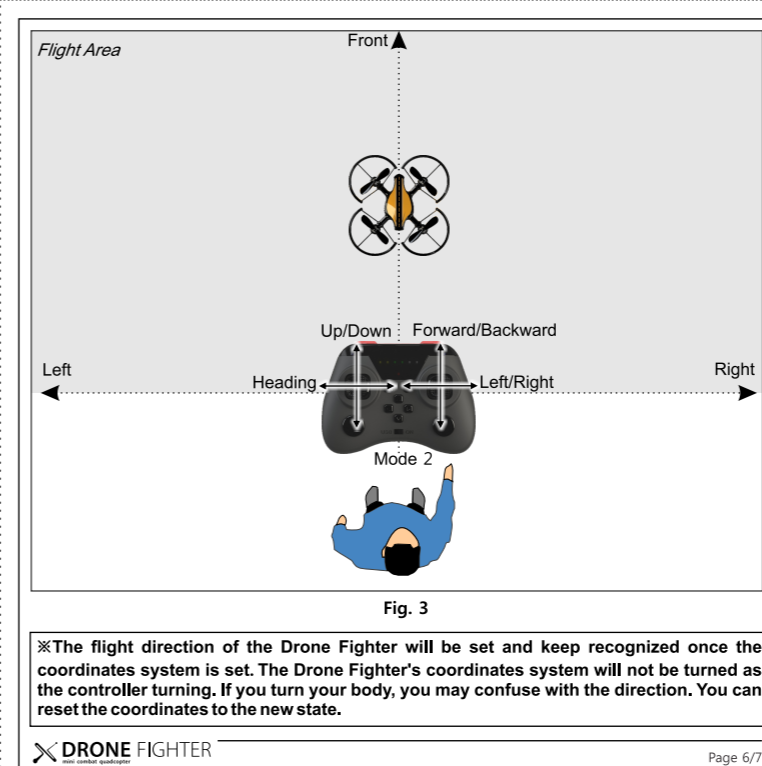


Fig. 3

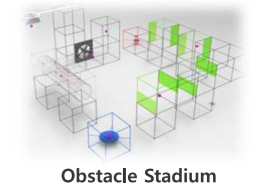
※The flight direction of the Drone Fighter will be set and keep recognized once the coordinates system is set. The Drone Fighter's coordinates system will not be turned as the controller turning. If you turn your body, you may confuse with the direction. You can reset the coordinates to the new state.

DRONE FIGHTER

Page 6/7



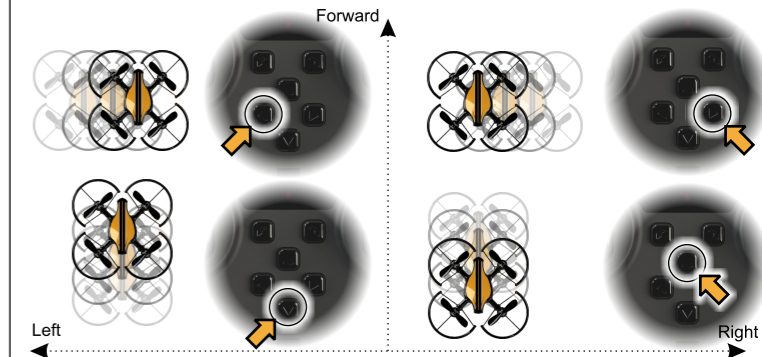
Battle Game Arena



Obstacle Stadium

### Trim Setting

The Drone Fighter may attempt to slightly fly in some direction. To correct this, press the trim button as opposite of the attempted fly direction.



DRONE FIGHTER

Page 7/7

## §15.105 Information to the user

(b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

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.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.