

DYNALOG	
	
14+	
DR-DF100B	
FOLDABLE DRONE	
User Manual	
Please read this manual carefully before flying and keep it for future reference.	
V1.02	

Thank you for choosing our product.
If you have any questions, concerns, or need any help,
please contact us at
support@dynalog.com
or call us via hotline
(443) 996-8789 (UTC 14:00-22:00, Monday to Friday)

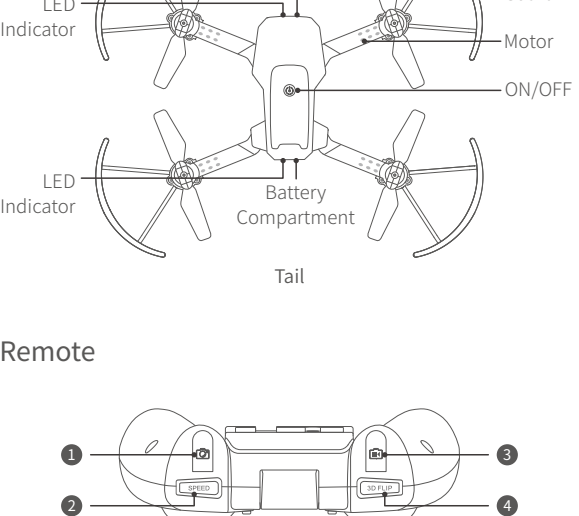
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- DISCLAIMER AND SAFETY GUIDELINES**
- DO NOT look directly into the drone light.
 - DO NOT treat the product as household waste.
 - DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.
 - DO NOT use the drone in severe weather conditions. These include wind, snow, rain, smog, hail, lightning, tornadoes or hurricanes.
 - Stay away from the rotating propellers and motors to avoid some tiny objects (e.g. hair) to get into them.
 - This product is not a toy and not recommended for users under age 14.
 - Please maintain line-of-sight of your drone at all times after it is powered up. Do not rely on the camera image to control your drone.

- MAINTENANCE AND CARE**
- Thoroughly check the drone after a crash or violent impact.
 - Do not charge battery if it is hot. Let it cool down first.
 - Remove the batteries from both the drone and the remote if they will not be used for a long time.
 - Unplug the charger once the battery is fully charged.
 - Store the drone and remote in a cool, dry place away from direct sunlight.
 - Avoid direct contact of the camera with water or other liquids. Wipe dry with a soft absorbent cloth if it gets wet.
 - Do not charge the battery near to inflammable materials, such as carpet, wood floors or countertops etc., or on surfaces that are electrically conductive. Do not leave the battery unattended while charging.
 - To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.
 - Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.
 - Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.
 - Do not leave the battery in an extremely high-temperature environment that can result in an explosion or the leakage of flammable liquid or gas.
 - Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid or gas.

PRODUCT OVERVIEW

Drone



Head
Propeller
LED Indicator
Camera
Motor
Propeller Guard
ON/OFF
Battery Compartment
Tail

Remote

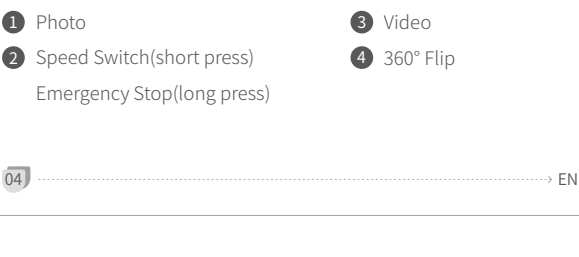
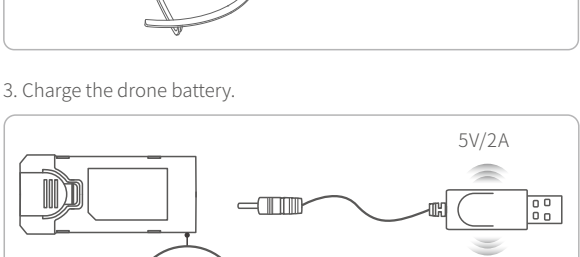


Photo
Speed Switch (short press)
Video
360° Flip
Emergency Stop (long press)

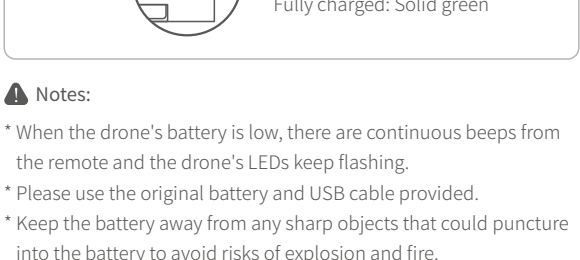
FLIGHT PREPARATION

- Unfold the front arm, then the rear arm.

2. Gently install the propeller guard to the drone's arm.

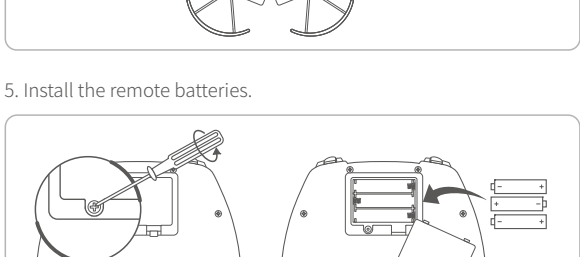


3. Charge the drone battery.

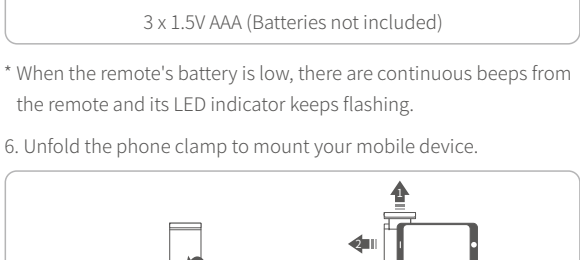


Charging: Solid red
Fully charged: Solid green

4. Install the battery into the drone after it's fully charged.

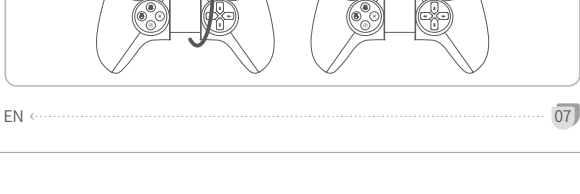


5. Install the remote batteries.

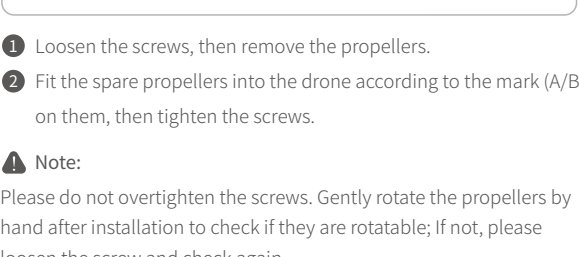


3 x 1.5V AAA (Batteries not included)

6. Unfold the phone clamp to mount your mobile device.



7. Replace the propellers when it's needed. [Optional]

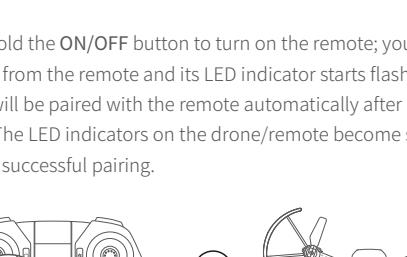


Loosen the screws, then remove the propellers.
Fit the spare propellers into the drone according to the mark (A/B) on them, then tighten the screws.

FLIGHT OPERATION GUIDE

1. Pair the Remote with the Drone

Step 1:
Press and hold the ON/OFF button till the drone's LEDs start flashing to turn on the drone. Then place the drone on a flat surface with the head forward.

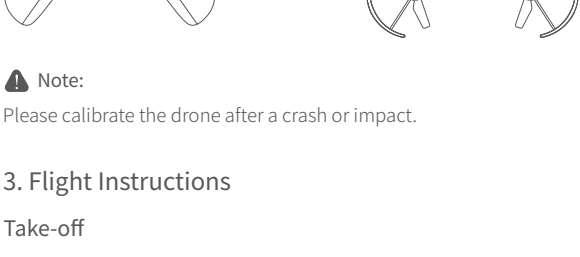


Step 2:
Press and hold the ON/OFF button to turn on the remote; you will hear a beep from the remote and its LED indicator starts flashing. The drone will be paired with the remote automatically after 2 seconds. The LED indicators on the drone/remote become solid on, indicating a successful pairing.



2. Flight Calibration

Move both control sticks to lower right at 45°; you'll hear a beep from the remote. Calibration is completed when the LEDs of the drone turn to solid on from flashing.



3. Flight Instructions

Take-off

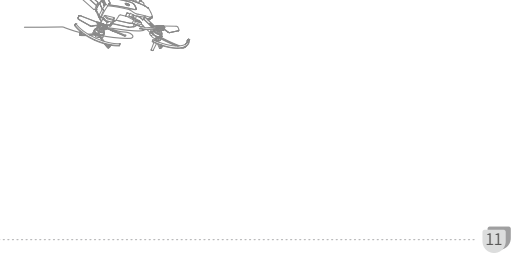
Option 1:
Press the **Take-off** button to take off.



Option 2:
Simultaneously push the **Left Control Stick** to lower left at 45° and the **Right Control Stick** to lower right at 45° until the four propellers start rotating, then slowly push the **Left Control Stick** forward to take off.

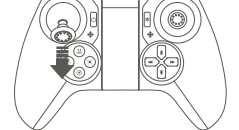


Option 3:
Place the drone on your palm with the head of the drone in the front, then gently throw it into the air.

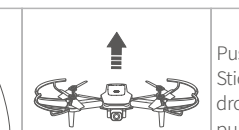


Landing

Option 1:
Press the **Land** button to land the drone.



Option 2:
Slowly pull the **Left Control Stick** backward to land the drone until the propellers stop rotating.



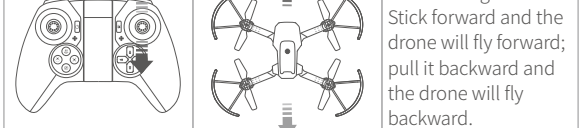
Flight Directions

Left Control Stick



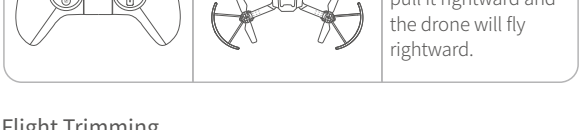
Push the Left Control Stick forward and the drone will ascend; pull it backward and the drone will descend.

Right Control Stick

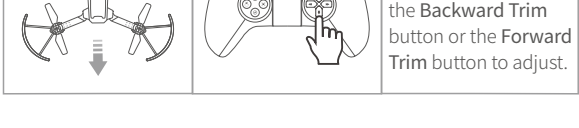


Head
Tail

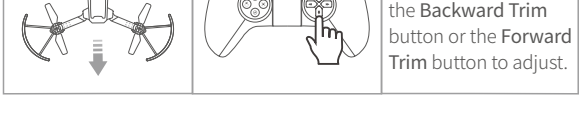
Push the Right Control Stick forward and the drone will fly forward; pull it backward and the drone will fly backward.



Push the Right Control Stick leftward and the drone will fly leftward; pull it rightward and the drone will fly rightward.



Flight Trimming



If the drone drifts forward or backward when hovering, press the **Backward Trim** button or the **Forward Trim** button to adjust.

Speed Switch

The drone is set to low speed by default. Press the **Speed Switch** button once for **Medium** speed and there are two beeps from the remote. Press it again for **High** speed and there are three beeps from the remote.

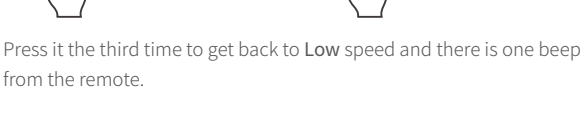


Press it the third time to get back to Low speed and there is one beep from the remote.

Headless Mode

Short press the **Headless Mode** button to activate **Headless Mode**; LEDs on the drone start flashing.

In this mode, the drone will fly following the direction of the **Right Control Stick** regardless of the position of your drone's head or tail.



If the drone drifts leftward or rightward when hovering, press the **Rightward Trim** button or the **Leftward Trim** button to adjust.

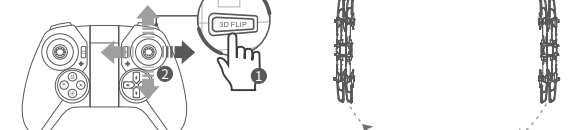
Forward
Head
Backward
Tail

Standard Mode

Press the same button to exit this mode; LEDs on the drone turn to solid on.

360° Flip

Fly the drone to a height over 2m, then press the **360° Flip** button to activate **360° Flip** function. Next, move the **Left Control Stick** to flip the drone accordingly.



Headless Mode

Press the same button to exit this mode; LEDs on the drone turn to solid on.

360° Flip

Fly the drone to a height over 2m, then press the **360° Flip** button to activate **360° Flip** function. Next, move the **Left Control Stick** to flip the drone accordingly.

