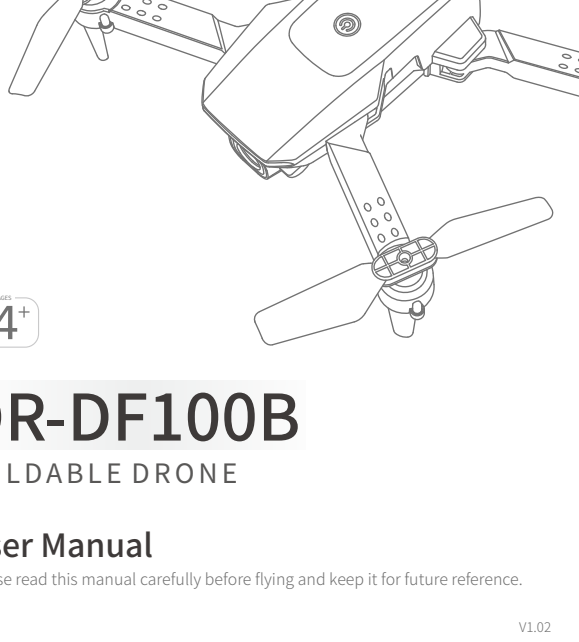


DYNALOG	
	
14+	
DR-DF100B	
FOLDABLE DRONE	
User Manual	
Please read this manual carefully before flying and keep it for future reference.	
V1.02	

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.

- This drone does not come with a GPS module. Please fly the drone within the control range and always keep an eye on the flying.
- This product is not intended for professional aerial drone photography.
- Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

EN

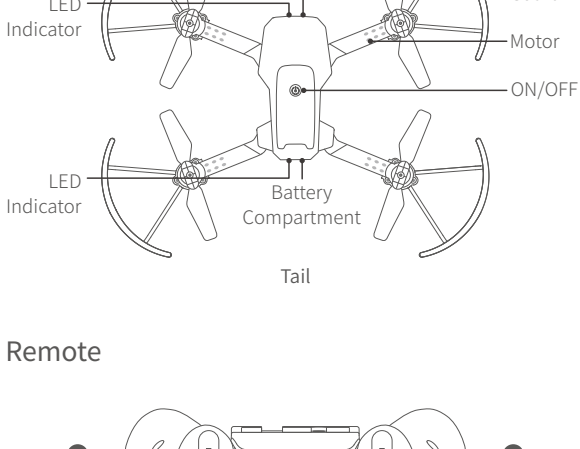
MAINTENANCE AND CARE

- 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.

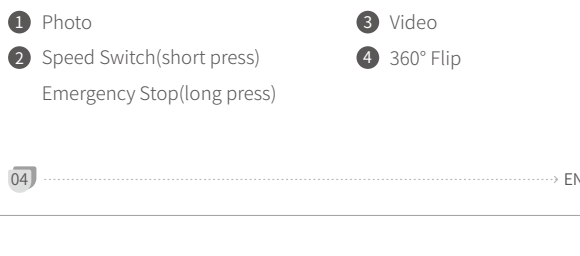
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PRODUCT OVERVIEW

Drone

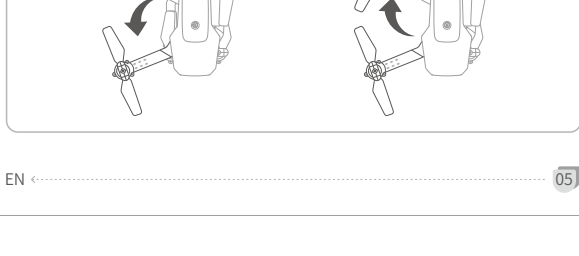


Remote



FLIGHT PREPARATION

1. Unfold the front arm, then the rear arm.



● Phone Clamp

● ON/OFF

● Left Control Stick

● LED Indicator

● One Key Take-off/Landing

● Circle Fly

● Headless Mode (short press)

● One Key Return (long press)

● High-speed Rotation

● Drone's LED Indicators

● ON/OFF

● Right Control Stick

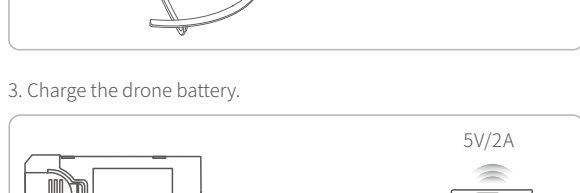
● Forward Trim

● Rightward Trim

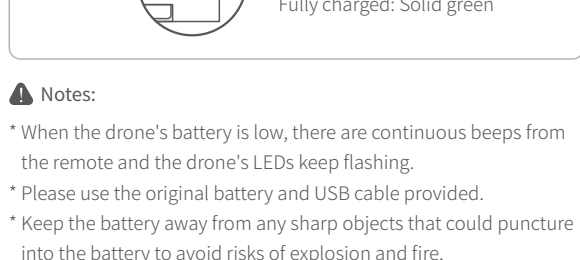
● Backward Trim

● Leftward Trim

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



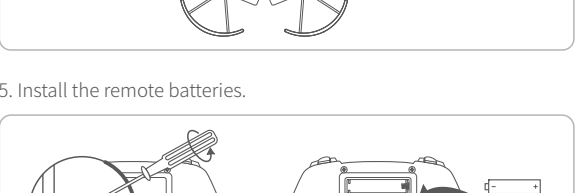
3. Charge the drone battery.



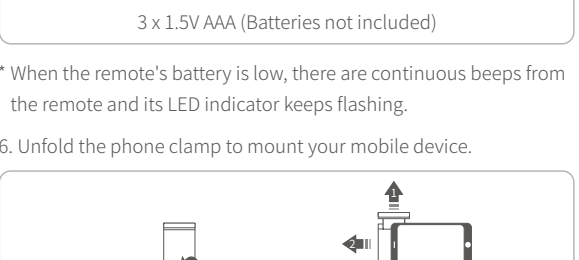
▲ Notes:

- When the drone's battery is low, there are continuous beeps from the remote and the drone's LEDs keep flashing.
- Please use the original battery and USB cable provided.
- Keep the battery away from any sharp objects that could puncture into the battery to avoid risk of explosion and fire.
- It's not recommended to charge the battery from the USB port of PC.
- Flight time may be reduced when flying in low-temperature environments.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon zinc), or rechargeable batteries.

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




5. Install the remote batteries.



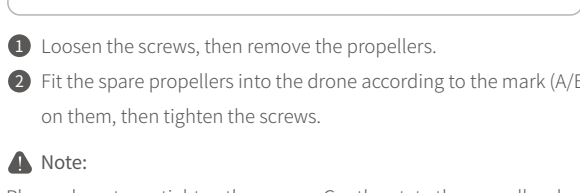
▲ Notes:

- When the remote's battery is low, there are continuous beeps from the remote and its LED indicator keeps flashing.

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.

▲ Note:

Please do not overtighten the screws. Gently rotate the propellers by hand after installation to check if they are rotatable. If not, please loosen the screw and check again.

FLIGHT OPERATION GUIDE

● IMPORTANT

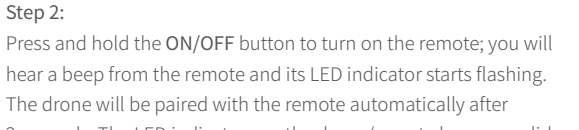
- Make sure you power on the drone first, then the remote in each flight.
- Please calibrate the drone after a crash or impact.
- For all flight functions and modes, the operator and tail of the drone must be aligned.
- We recommend flying in the open air and within the control range for beginners.

Remote 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.

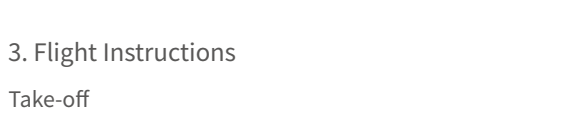


▲ Notes:

- The drone/remote will be off automatically if you do not operate it about 60mins after powering on the drone/remote.
- Press and hold the ON/OFF button again to turn off the drone/remote.

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.



▲ Note:


Please calibrate the drone after a crash or impact.

3. Flight Instructions

Take-off


Option 1:

Press the ● 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:

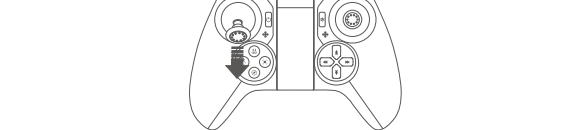
Place the drone on your palm with the head of the drone in the front, then gently throw it into the air.



Landing

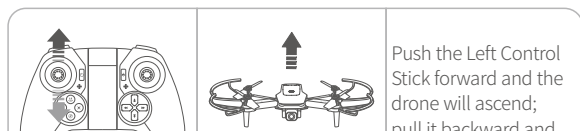
Option 1:

Press the ● button to land the drone.




Option 2:

Slowly pull the Left Control Stick backward to land the drone until the propellers stop rotating.

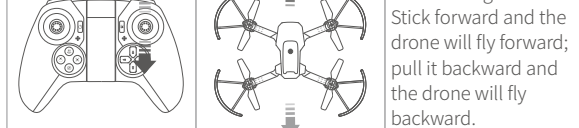


Flight Directions

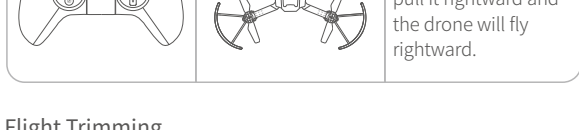
Left Control Stick




Right Control Stick




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



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



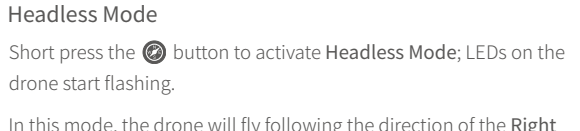
Flight Trimming



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 ● 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 ● 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.

Forward

Head

Headless Mode

Backward

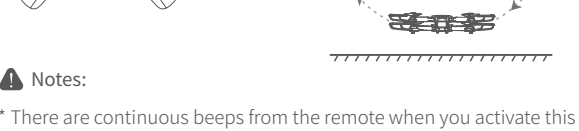
Tail

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 ● button to activate 360° Flip function. Next, move the Right Control Stick to flip the drone accordingly.



▲ Notes:

- There are continuous beeps from the remote when you activate this function. If you do not move the Right Control Stick about 5s after you press the ● button, the function will be cancelled and the remote will stop beeping.
- This function can't be activated when the battery of the drone is low.