DYNALOG

14°

DR-DG600C

FOLDABLE GPS DRONE

User Manual

Please read this manual carefully before flying and keep it for future reference.

V1.00

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
(442) 350-0700 (UTC-8:00 (2:00), Monday to Friday)

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DISCLAIMER AND SAFETY GUIDELINES

Please read the disclaimer carefully before using this product. By using it, you hereby agree to this disclaimer and signify that you have read them fully.

1. Before flying, please make some practice with a simulator or seek for the instruction from a professional.
2. DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines, trees.

3. DO NOT use the drone in severe weather conditions, such as a rainy day or windy day (wind speed is more than 5.5m/s), snow, fog, lightning, tornadoes, hurricanes, etc.

4. The fast rotating rotors and propellers can cause harm to nearby or close serious damage and injury. A distance of at least 5m must be maintained from the drone at all time when it is operational. Fly with responsibility.

5. Please maintain the 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.

6. The product is not a toy and not recommended for users under age 14.

7. The product is not intended for professional aerial drone photography.

8. All parts must be kept out of the reach of children to avoid CHOKE HAZARD.

9. CAUTION: Dispose of the battery and batteries in accordance with local regulations. DO NOT HEAT or burn/hurtle/ waste.

10. 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.

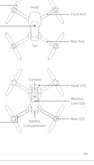
DYNALOG accepts no liability for damage, injury or any illegal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practice including, but not limited to the practice and guidelines in this manual and safety guidelines. DYNALOG reserves the right to update this user manual.

MAINTENANCE AND CARE

1. Thoroughly check the drone after a crash or a violent impact.
2. Clean off your drone with a dry cloth to prevent any moisture from getting into the electronics.
3. Do not try to disassemble or repair the product yourself. Please contact us for more help.
4. Remove the battery from the drone if it will not be used for a long time.
5. Please store and charge the battery in a cool (0~40°C) and dry place. Avoid storing the battery in extreme high or low temperature environment that can result in a fire or explosion or the leakage of flammable liquid or gas.
6. Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.
7. Do not charge the battery if it is hot, cut it cool down first.
8. ONLY use the original USB cable provided. Do not swap the charger battery. Unplug the charger once the battery is fully charged.
9. Do not charge the battery next to inflammable, such as bed, carpet, or furniture. Do not charge the battery in a damp or conductive, for not leave the battery in unattended while charging.
10. Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.
11. Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.
12. Do not drive a nail in, hit with a hammer, or stamp on the battery. Do not other the battery in other ways.
13. Do not disassemble or alter the outside structure of the battery.
14. Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid.
15. Do not store the battery for long periods of time when it is low battery status. To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.
16. Replace the battery if it's swollen.
17. Batteries are only to be charged by adults or by children at least 8 years old under adult supervision.
18. Different types of batteries in new and used batteries are not to be mixed.
19. Exhausted batteries are to be removed from the toy.
20. The supply terminals are not to be short-circuited.
21. Batteries are to be inserted with the correct polarity (+ and -).

PRODUCT OVERVIEW

Drone



Remote

FLIGHT PREPARATION

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

2. Charge the battery.

Notes:
- We recommend check the drone's battery status on our app. When the drone battery goes low, the remote will also keep beeping.
- Please use the original battery and USB cable provided.
- It's not recommended to charge the battery from the USB port of a PC.
- Flight time may be reduced when flying in low temperature environments.

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

4. Insert a memory card (not included) into the drone.

5. Charge the remote.

* You could check the remote's battery status on our app. When the remote's battery goes low, the **Remote Power Indicator** will keep flashing, and the remote will keep beeping.

FLIGHT OPERATION GUIDE

6. Unfold the **Handle** and **Antenna**.

7. Unfold the **Phone Clamp** to mount your mobile device. Before mounting, please take off the protective case on your mobile device for a better fit.

8. Replace the propeller when it's needed. (Optional)

* Loosen the screw to remove the propellers.
* Fit the spare propellers into the drone according to the mark (A/B) on it.

REMOTE OPERATION GUIDE

Pair the Remote with the Drone

Step 1:
Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.

IMPORTANT:
- Make sure you power on the drone first, then the remote in each flight.
- We repeat the pairing procedure each time when the drone or remote is restarted.
- 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.

FLIGHT OPERATION GUIDE

IMPORTANT:
- Please check the drone's battery status on our app. When the drone battery goes low, the remote will also keep beeping.
- Please use the original battery and USB cable provided.
- It's not recommended to charge the battery from the USB port of a PC.
- Flight time may be reduced when flying in low temperature environments.

Step 2:
Press the **ON/OFF** button to turn on the remote. The **Remote Power Indicator** keeps flashing when pairing.

Step 3:
Wait for the remote to automatically pair with the drone. When pairing is completed, the remote keeps beeping, the **Remote Power Indicator** and the drone's status LED will both turn solid on.

Tips:
- The drone will automatically turn off if no operation is performed within 5 minutes.
- The remote will automatically turn off if no operation is performed within 30 minutes.

Calibrate the Compass

Step 1:
Press and hold the button for three seconds to start calibrating the remote keeps beeping, the LEDs on the drone turn off.

Step 2:
Hold the drone horizontally and rotate it until the remote keeps every. The Head LEDs light up in blue.

Step 3:
Hold the drone vertically with its head facing down, and rotate it until the remote keeps have. The rear LEDs light up in green.

Calibrate the Gyro

Place the drone on a flat surface. Push both sticks to lower left at 45°, the remote keeps once and the drone's rear LEDs flash quickly. Gyro calibration is completed when the drone's rear LEDs turn solid on.

Search for GPS Satellites

IMPORTANT:
- **GPS Mode** is the default mode for the drone, which requires a strong GPS signal. Please fly the drone outdoors.

Please wait for the drone to search for satellites. The LEDs keep flashing quickly when searching for satellites.
If the drone finds enough satellites, you'll hear a long beep from the remote, and the drone's head LEDs will turn solid on, indicating that it's ready to take off in **GPS Mode**.

Calibrate the Gyro

Place the drone on a flat surface. Push both sticks to lower left at 45°, the remote keeps once and the drone's rear LEDs flash quickly. Gyro calibration is completed when the drone's rear LEDs turn solid on.

In GPS mode, the drone utilizes the GPS module to locate and make a precise hovering flight. For optimal hovering, we strongly recommend **GPS Mode** for outdoor flight.

Connect to Your Mobile Device

App Downloading and Installation

Download and install an App into your mobile device from App Store/"Google Play"* or by scanning the QR code below.

App's Name: Dynalog Beta
App's QR Codes:

For Android: Scan to take

For IOS: Scan to take

Name of the Drone's WiFi:
DR-DG600C_XX****** or DR-DG600C_XX******

Note:
Google Play™ is trademark of Google Inc., and App Store™ is a trademark of Apple Inc.

App Launch

Step 1:
Turn on mobile data and location service of your mobile device, then open the App, and tap **START** to enter the App.

Step 2:
Tap the **Live Map** to load the map, then tap to have your location displayed on the center of the live map.

Step 3:
Tap the mobile data, then go to the Wi-Fi setting of your mobile device and connect to the drone's WiFi.

Notes:
- If the drone's WiFi is not listed in your WiFi list or the App does not show the preview image, please restart the drone and remove, then repeat the pairing and calibration procedures.
- Please make sure the drone's WiFi is only connected to one mobile device.
- It's recommended that you turn off cellular data when your mobile device connects to the drone's WiFi. Otherwise, the WiFi connection with the drone may be interrupted.

Instructions for Flight Mode

Take-off

Option 1:
Press the button and the four rotor blades start rotating, then press the button to take-off.

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

Return-To-Home(RTH)

The **Return-to-Home(RTH)** function brings the drone back to the last recorded **Home Point** where the drone took off last time. RTH works only when the GPS signal is strong enough and the compass functions normally.

* During RTH, the remote keeps beeping and its **RTH Indicator** keeps flashing.

Smart RTH:
Press the button on the remote to enable **Smart RTH**.

Low Battery RTH

The **Low Battery RTH** will be triggered when the drone battery is low and the RTH Distance is over 15 meters.

RTH will be canceled automatically after the drone flies back to where RTH distance is less than 15 meters. It cannot fly beyond 15 meters anyone no matter how you operate.

The **Critically Low Battery RTH** will be triggered when the drone battery is critically low. The drone will automatically fly back and land on the last recorded Home Point.

Emergency Stop

Press and hold for 3 seconds, the drone will stop in the air and fall.

Note:
It's NOT recommended to use this function during the normal flight, which may result in serious damage to your drone.

APP OPERATION GUIDE

Function Overview of the App

WiFi Signal:
Check the WiFi signal strength to prevent your mobile device from losing track of the drone. When it shows low signal strength, it's bad, please fly the drone back immediately.

Number of Satellites:
Check the signal of the GPS satellites.

Flight Records:
Check the records of flight records here.

Flip Image:
Tap to flip the image 180°.

VR Mode:
Tap to activate VR mode (VR device is not supplied).

Remote Battery Status:
Check the battery status of the remote.

Drone Battery Status:
Check the battery status of the drone.

Media Gallery:
Tap to check the photos and videos saved.