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Parrot PF722000

Parrot Bebop Quadcopter Drone PF722000 User Manual

Model: PF722000

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Parrot Bebop Quadcopter Drone. The Parrot Bebop Quadcopter Drone is equipped with an HD fisheye camera, capable of recording videos and pictures within a 180° field of view with high image quality. It features full-digital 3-axis image stabilization technology for smooth footage.

Key functionalities include easy updates for regulatory compliance, 14-megapixel full HD 1080p video capture, automatic return-to-home, and extended flight with quick-charging Lithium-ion batteries. Control is managed via the Free Flight Pro app (iOS, Android, Windows 8.1).



Image 1.1: The Parrot Bebop Quadcopter Drone in Red.

2. SETUP

2.1. Unpacking and Component Check

Carefully unpack all components. Ensure the following items are present:

- Parrot Bebop Drone (Red)
- Lithium-ion batteries (quantity as supplied)

- Charger
- Propellers (main and spare sets)
- Propeller removal tool

2.2. Charging the Battery

Connect the battery to the provided charger and plug the charger into a power outlet. The charging indicator will show the charging status. Fully charge the battery before first use.

2.3. Attaching Propellers

Attach the propellers to the motor shafts. Ensure each propeller is securely fastened. Refer to the markings on the propellers and drone for correct orientation (e.g., clockwise and counter-clockwise rotation). Use the provided tool for secure attachment and removal.



Image 2.1: Proper attachment of propellers to the drone.

2.4. Installing the Battery

Insert the charged battery into the drone's battery compartment. Ensure it is firmly seated and the connection is secure.

2.5. App Installation and Connection

Download and install the Free Flight Pro app on your iOS, Android, or Windows 8.1 device. Power on the drone. On your device, connect to the drone's Wi-Fi network. Launch the Free Flight Pro app to establish a

connection with the drone.

3. OPERATING THE DRONE

3.1. Pre-Flight Checks

Before each flight, ensure:

- Batteries are fully charged (drone and control device).
- Propellers are securely attached and undamaged.
- Flight area is clear of obstacles and people.
- GPS signal is acquired (if flying outdoors).

3.2. Take-off and Landing

Use the Free Flight Pro app to initiate take-off. The drone will ascend to a stable hover. To land, use the designated landing control in the app. The drone will descend and land automatically.

3.3. Flight Controls

Control the drone's movement (ascend, descend, forward, backward, left, right, rotate) using the virtual joysticks or connected physical controller within the Free Flight Pro app. Familiarize yourself with the controls in a safe, open environment.

3.4. Camera Operation

The integrated 14-megapixel HD fisheye camera captures 1080p video and still images. Use the Free Flight Pro app to start/stop recording video, take photos, and adjust camera settings. The 3-axis image stabilization system helps ensure clear and steady footage.



Image 3.1: Detailed view of the drone's fisheye camera.

3.5. Automatic Return-to-Home

The drone features an automatic return-to-home function. Activate this feature via the app, and the drone will return to its take-off point using GPS.

Your browser does not support the video tag.

Video 3.1: An overview of the Parrot Bebop Quadcopter Drone in operation, showcasing its flight capabilities and camera views.

4. MAINTENANCE

4.1. Propeller Inspection and Replacement

Regularly inspect propellers for cracks, bends, or damage. Replace any damaged propellers immediately using the provided tool. Ensure new propellers are correctly oriented.

4.2. Battery Care

Store batteries in a cool, dry place. Avoid overcharging or completely draining the battery. If storing for extended periods, charge to approximately 50% capacity. Disconnect the battery when not in use.

4.3. Cleaning

Clean the drone body with a soft, dry cloth. Gently clean the camera lens with a microfiber cloth to avoid scratches. Do not use harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

5.1. Connection Issues

If the drone fails to connect to the app, ensure the drone is powered on, your device's Wi-Fi is enabled, and you are connected to the drone's specific Wi-Fi network. Try restarting both the drone and the control device.

5.2. Flight Instability or Drifting

Ensure the drone is calibrated before flight, especially after moving to a new location. Check for strong winds, as these can affect stability. Verify that all propellers are correctly installed and undamaged. Be aware that flight performance may be affected in high-altitude environments.

5.3. Camera Malfunction

If the camera produces opaque or out-of-focus video, check the lens for obstructions or damage. Ensure the drone's firmware is up to date. If the issue persists, contact customer support.

5.4. Battery Life and Connection

If battery life is shorter than expected, ensure batteries are fully charged and not excessively old. If the battery connection feels loose, ensure it is properly seated in the compartment.

6. SPECIFICATIONS

Feature	Detail
Brand	Parrot
Model Number	PF722000
Color	Red
Video Capture Resolution	1080p
Effective Still Resolution	14 MP
Connectivity Technology	Bluetooth
Item Weight	14.1 Ounces
Video Capture Format	MP4
Remote Control Technology	Bluetooth
Control Type	App control
Wireless Communication Technology	Wireless
Battery Cell Composition	Lithium Ion
Batteries Included	Yes
Supported Image Format	JPEG
Video Output Resolution	1920x1080 pixels
Includes Remote	No
Optical Sensor Technology	CMOS
Includes Rechargeable Battery	Yes
Manufacturer	Parrot Inc.

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Parrot Bebop Quadcopter Drone PF722000 comes with a one-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For further assistance, technical support, or to purchase replacement parts, please visit the official [Parrot Store](#) or contact Parrot customer service directly.