

BBPECO B0DBV4NPMJ

BBPECO Smart Bird Feeder with Camera and Solar Power User Manual

Model: B0DBV4NPMJ

1. INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your BBPECO Smart Bird Feeder with Camera and Solar Power. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

2. SETUP

2.1. Unboxing and Component Overview

Carefully remove all components from the packaging. Verify that all parts are present:

- Smart Bird Feeder unit (bamboo housing)
- 1080P HD Camera
- 5200mAh Rechargeable Battery (integrated with camera)
- 3W Waterproof Solar Panel
- USB Charging Cable
- Mounting Hardware (for wall, pole, and tree installation)
- User Manual

2.2. Camera and Solar Panel Installation

The camera is designed to fit securely within the central compartment of the bird feeder. Ensure the charging port on the camera is accessible for connection to the solar panel.

1. Open the top lid of the bird feeder.
2. Locate the central compartment for the camera.

3. Insert the camera into the compartment, ensuring the charging port is facing upwards or towards the designated cable entry point.
4. Connect the solar panel's cable to the camera's charging port.
5. Close the central compartment door and the top lid securely.

For a visual guide on camera and solar panel installation, please refer to the video below:

Video: Smart Bird Feeder Solar Powered Installation Tutorial. This video demonstrates the step-by-step process of installing the camera and connecting the solar panel to the BBPECO Smart Bird Feeder.

2.3. Mounting the Bird Feeder

The BBPECO Smart Bird Feeder offers multiple installation methods:

- **Wall-Mounted:** Use the provided bracket and screws to secure the feeder to a wall.
- **Pole-Mounted:** Utilize the metal clamps to attach the feeder to a pole.
- **Tree-Mounted (No Drilling):** Use the provided strap to secure the feeder around a tree trunk.

Ensure the chosen location provides ample sunlight for the solar panel and a clear view for the camera.



Image: BBPECO Smart Bird Feeder highlighting key features such as IP65 weather resistance and solid wood construction.

2.4. Filling the Feeder

The feeder features a 3L divided grain bin to accommodate two types of birdseed.

1. Open the top lid of the feeder.
2. Pour your desired birdseed into the two separate compartments.
3. Close the top lid securely.

2.5. App Download and Wi-Fi Connection

Download the dedicated BBPECO app from your smartphone's app store. Follow the in-app instructions to connect your Smart Bird Feeder to your home's 2.4G Wi-Fi network. **Note: The feeder only supports 2.4G Wi-Fi and is not compatible with 5G networks.**



Image: Illustration of the feeder's 2.4G Wi-Fi connectivity, emphasizing incompatibility with 5G networks.

3. OPERATING THE SMART BIRD FEEDER

3.1. AI-Powered Bird Identification

The feeder utilizes AI technology to identify over 10,000 bird species. A 7-day AI trial is included, with flexible subscription options available for continued use of advanced identification features.

Identify and Notify of Every Birds



Bird Detection

Birds (Great Tit) detected by Smart Bird Feeder at 14:35:16.



Image: The AI identification feature in action, showing a Northern Cardinal being identified by the smart feeder's camera.

3.2. Real-time Notifications and Viewing

Receive instant motion-detection alerts directly to your phone. The 1080P HD camera provides clear footage, and color night vision ensures visibility in low-light conditions. Access an immersive live feed through the app.



Real-time Notification

Detecting birds in range
Providing on-site updates



Cloud storage
(Free 3-day loop)



SD card
(not included)

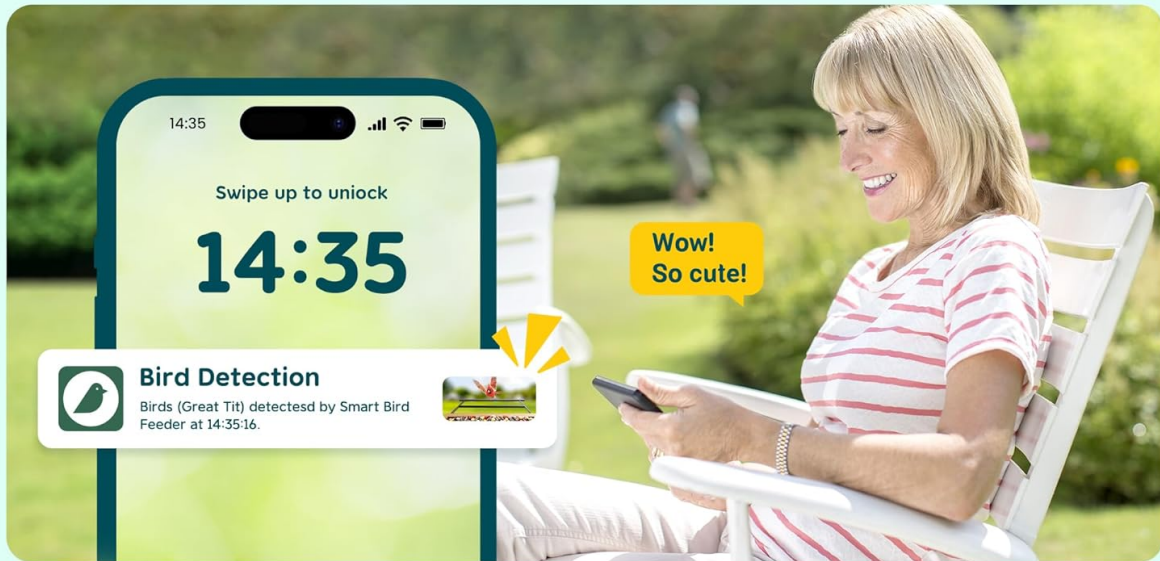


Image: Demonstrates real-time notifications on a smartphone, indicating bird detection, along with icons for cloud storage and SD card.

3.3. Audio Features

The integrated microphone allows you to listen to birdsongs. A two-way audio feature enables you to use the microphone to safely deter squirrels and other animals from the feeder.

3.4. Storage Options

The feeder offers free cloud storage for a 3-day loop of recordings. For extended storage, an SD card (not included) can be used.

3.5. Solar Power

The feeder is equipped with a 5200mAh low-power battery providing 3-4 months of standby time under normal conditions. A 3W waterproof solar panel ensures continuous camera operation, reducing the need for manual charging by approximately 70%.

Non-Stop Solar Powered Rechargeable Battery



Image: Visual representation of the solar-powered feature, emphasizing the rechargeable battery and wireless operation.

4. MAINTENANCE

4.1. Cleaning the Feeder

Regular cleaning is essential to prevent mold and bacteria growth, ensuring a healthy environment for birds. The feeder's design allows for easy refilling and cleaning.

- Remove any remaining birdseed.
- The mesh tray at the bottom can be removed for thorough cleaning.
- Clean all surfaces with a mild soap and water solution. Rinse thoroughly and allow to dry completely before refilling.

4.2. Solar Panel Care

Ensure the solar panel remains free of dirt, debris, or snow to maximize charging efficiency. Periodically wipe the panel with a soft, damp cloth.

4.3. General Product Care

The feeder is crafted from durable bamboo with an IP66 waterproof camera and carbonized shell, designed

to withstand various weather conditions. However, avoid leaving the feeder unattended for extended periods to prevent potential damage from extreme weather or other factors.

5. TROUBLESHOOTING

5.1. Connectivity Issues

- **No Wi-Fi Connection:** Ensure your router is broadcasting a 2.4G Wi-Fi signal. The feeder is not compatible with 5G networks.
- **Weak Signal:** Position the feeder closer to your Wi-Fi router or consider a Wi-Fi extender.
- **Reconnection:** If internet connection is lost, it may require re-establishing the connection through the app.

5.2. Power Issues

- **Camera Not Charging:** Verify the solar panel is clean and positioned to receive direct sunlight. Check the cable connection between the solar panel and the camera.
- **Short Battery Life:** Ensure the solar panel is consistently exposed to sunlight. Prolonged periods of low light may require manual charging via the USB cable.

5.3. Motion Detection and AI Identification

- **No Motion Alerts:** Check app settings to ensure motion detection is enabled and sensitivity is adjusted appropriately.
- **Incorrect Bird Identification:** Ensure your AI subscription is active for full species recognition. The AI system continuously learns and improves.

6. SPECIFICATIONS

Feature	Detail
Brand	BBPECO
Material	Bamboo
Special Feature	Rain Proof, Weatherproof
Mounting Type	Pole Mount (also supports Wall & Tree)
Power Source	Solar Powered (5200mAh battery, 3W solar panel)
Capacity	3 Liters (divided grain bin)
Item Weight	3.6 Kilograms (7.92 pounds)
Product Dimensions	1 x 1 x 1 inches
Connectivity	2.4G Wi-Fi (not compatible with 5G)

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please refer to the contact

details provided with your purchase documentation or visit the official BBPECO website. Always follow local regulations and guidelines for feeding wildlife. Keep the feeder clean and well-maintained to prevent the growth of mold or bacteria.