

faroro PF23

faroro Bird Feeder with Camera User Manual

Model: PF23

1. INTRODUCTION

Thank you for choosing the faroro Bird Feeder with Camera. This innovative device allows you to observe and interact with backyard birds from anywhere, providing high-definition video, AI bird species identification, and real-time notifications. Enjoy a new level of bird watching with this smart companion.

This manual provides detailed instructions for setting up, operating, and maintaining your bird feeder to ensure optimal performance and a delightful user experience.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the product. Keep this manual for future reference.

- Ensure the feeder is securely mounted to prevent falling and potential injury or damage.
- Keep the device away from extreme temperatures, direct sunlight for prolonged periods (beyond normal operation), and excessive moisture.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- This product is not a toy. Keep out of reach of children and pets when not in use or during installation.
- Ensure the charging cable (Type-C USB) is properly connected and protected from damage, especially from animals.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Smart Bird Feeder with Camera
- 1 x Type-C USB Cable
- 1 x User Manual (this document)
- 1 x Set of Accessories (mounting bracket, screws, wall anchors, strap)

What's Included



Figure 3.1: Included Components

This image displays all items included in the faroro Bird Feeder with Camera package, such as the main feeder unit with integrated camera and solar panels, a Type-C USB charging cable, a user manual, and a set of mounting accessories including a bracket, screws, wall anchors, and a strap for tree mounting.

4. SETUP AND INSTALLATION

4.1 Charging the Battery

Before first use, fully charge the built-in 5200mAh battery using the provided Type-C USB cable. Connect the cable to the charging port on the feeder and to a standard USB power adapter (not included). The solar panels will help maintain the charge during daylight hours.

Two Solar Panels & A 5200mAh Battery



Figure 4.1: Solar Panels and Battery

This image highlights the two solar panels integrated into the roof of the bird feeder, designed to continuously charge the internal 5200mAh battery, ensuring long-lasting operation without frequent manual charging.

4.2 App Download and Wi-Fi Connection

1. Download the companion app (e.g., "VicoHome" or as specified in the manual) from your smartphone's app store.
2. Create an account and follow the in-app instructions to add your new faroro Bird Feeder.
3. Ensure your Wi-Fi network is 2.4GHz for a stable connection. The feeder is equipped with a 5dBi antenna for enhanced signal reception.
4. During pairing, you may need to long-press the power button located under the rubber cover near the charging port.



Figure 4.2: Stable Wi-Fi Connection

This image illustrates the bird feeder's capability to connect to a 2.4GHz Wi-Fi network, featuring a prominent 5dBi antenna for improved signal stability and range, crucial for remote monitoring.

4.3 Mounting the Feeder

The faroro Bird Feeder can be mounted on a wall or a tree. Choose a location that offers a clear view for the camera and is easily accessible for refilling.

- **Wall Mount:** Use the provided mounting bracket, screws, and wall anchors to secure the feeder to a sturdy surface.
- **Tree Mount:** Use the provided strap to securely attach the feeder to a tree trunk. Ensure it is at a height suitable for bird observation and refilling.

Watch Birds from Anytime and Anywhere



Figure 4.3: Wall Mounted Feeder with Live View

This image shows the faroro Bird Feeder securely mounted on a wooden wall, demonstrating its outdoor placement. A smartphone screen in the foreground displays a live feed from the feeder's camera, capturing a bird in real-time, emphasizing the "Watch Birds from Anytime and Anywhere" feature.



Figure 4.4: Waterproof Design

This image depicts the faroro Bird Feeder with Camera mounted on a tree, with raindrops visible, emphasizing its IP65 waterproof rating and durability for outdoor use in various weather conditions.

5. OPERATING INSTRUCTIONS

5.1 Real-time Bird Watching and Notifications

Once connected, the camera will automatically detect and capture videos of birds within its detection area. You will receive real-time notifications on your smartphone.

- Open the app to view the live feed from the camera.
- Customize notification settings within the app to control alerts.

Instant Notification of Coming Birds



Smart Camera

Motion was detected in backyard at 8:54 am.



Figure 5.1: Instant Notifications

This image shows a smartphone displaying a real-time notification from the bird feeder's camera app, indicating motion detection. This feature allows users to be instantly alerted when birds visit the feeder.

Share Lovely Moments with Family or Friends



Figure 5.2: Sharing Moments

This image illustrates the ability to share live bird-watching moments with family and friends through the app, showing a smartphone displaying a live feed of birds on the feeder, with icons representing shared experiences.

5.2 AI Bird Species Identification

The smart AI algorithms can identify over 11,000+ worldwide bird species. After a bird is detected, the app can provide additional details and descriptions based on the recognition results.

- Access the identification feature within the app to learn more about the birds visiting your feeder.
- This feature enhances your bird watching experience by providing educational insights.

5.3 Squirrel Deterrent

The feeder includes a built-in speaker and a siren alarm feature to help deter unwanted visitors like squirrels. This can be activated via the app.

- Use the app to activate the siren alarm if you notice squirrels or other pests.

6. MAINTENANCE

6.1 Refilling Bird Seed

The feeder has a 1.6L capacity food container. Regularly check the seed level and refill as needed to ensure a continuous supply for your bird visitors.

- Open the roof of the feeder to access the seed compartment.
- Fill with your preferred bird seed mix.
- Close the roof securely to protect the seed from elements.

6.2 Cleaning

Regular cleaning is essential for bird health and feeder longevity. Clean the feeder periodically to prevent mold and bacterial growth.

- Empty any remaining seed.
- Wipe down the interior and exterior surfaces with a damp cloth. For stubborn dirt, use a mild soap solution and rinse thoroughly.
- Ensure the feeder is completely dry before refilling with seed.

6.3 Battery and Solar Panel Care

The feeder is designed for continuous operation with its solar panels and 5200mAh battery.

- Keep the solar panels clean and free of debris (leaves, dirt) to ensure efficient charging.
- Position the feeder in a location that receives ample direct sunlight for optimal solar charging.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Feeder not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz network used; Feeder too far from router; Low battery.	Ensure correct 2.4GHz Wi-Fi password. Move feeder closer to router. Fully charge the battery. Restart feeder and router.
No notifications received	App notification settings disabled; Motion detection sensitivity too low; Feeder offline.	Check app notification settings and phone's system settings. Adjust motion detection sensitivity in the app. Verify feeder is online.
Poor video quality or night vision	Camera lens dirty; Insufficient light for night vision; Weak Wi-Fi signal.	Clean the camera lens. Ensure adequate ambient light for color night vision. Improve Wi-Fi signal strength.
Battery not holding charge	Solar panels dirty or obstructed; Insufficient sunlight; Battery degradation.	Clean solar panels. Relocate feeder to a sunnier spot. If issues persist after 2 years, contact support for potential battery replacement.
Squirrels or other animals accessing feeder	No deterrent activated; Feeder easily accessible.	Activate the siren alarm via the app. Consider mounting the feeder on a pole with a squirrel baffle.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	faroro
Model Number	PF23
Target Species	Birds
Recommended Uses	Wall or Tree Mount for Bird Watching
Material	Plastic
Special Feature	Motion Sensor, AI Bird Identification
Mounting Type	Wall Mount or Tree Mount
Product Dimensions	7.2"L x 5.6"W x 8.3"H
Power Source	Battery Powered and Solar Powered
Battery Capacity	5200mAh Lithium Ion (included)
Camera Resolution	1080P HD
Night Vision	Color Night Vision
Wi-Fi Connectivity	2.4GHz (with 5dBi antenna)
Capacity (Seed)	1.6 Liters
Color	Blue-1
Item Weight	1223 Grams (2.7 pounds)
UPC	810112232349



Figure 8.1: Product Dimensions

This image provides a clear dimensional overview of the faroro Bird Feeder with Camera, indicating its length (7.2"), width (5.6"), and height (8.3"), which is useful for planning installation space.

9. WARRANTY AND SUPPORT

faroro is committed to providing high-quality products and customer satisfaction.

- **Warranty:** In case of any product damage, you may request a replacement within 2 years of purchase.
- **Customer Support:** For any concerns, questions, or technical assistance, please feel free to reach out to faroro customer support at any time. Refer to the product packaging or the official faroro website for contact information.