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> NAVFS Bird Feeder with Camera and Bath Instruction Manual

NAVFS BD03

NAVFS Bird Feeder with Camera and Bath - Model BD03

User Instruction Manual

PRODUCT OVERVIEW

The NAVFS Bird Feeder with Camera and Bath (Model BD03) offers an advanced birdwatching experience. It features a dual-lens 2K HD camera for simultaneous viewing of feeding and bathing areas, AI bird identification for over 11,000 species, and is powered by a 3W solar panel with an 8000mAh battery for continuous operation. Its IP66 weatherproof design ensures durability in various outdoor conditions. Real-time alerts and easy sharing options enhance user interaction.

2K Bird Alert: Watch & Share Live



Figure 1: Overview of the NAVFS Bird Feeder with Camera and Bath.

IMPORTANT SAFETY INFORMATION

- Keep the feeder dry when not in use.
- Do not operate if wet.
- Keep away from children and pets.
- Secure the feeder to prevent access by larger animals.
- Do not feed certain foods that may harm wildlife or attract unwanted animals.

SETUP GUIDE

1. Unboxing and Initial Assembly

Carefully remove all components from the packaging. The main unit, perching trays, solar panel, mounting bracket, and necessary screws should be present. The perching trays are designed for easy attachment and removal. The camera unit is integrated into the main feeder body.

Video 1: Detailed unboxing and assembly instructions for the bird feeder components.

2. Powering On and Charging

Locate the power port and the ON/OFF switch on the underside of the main feeder unit. Connect the solar panel cable to the designated port. For initial use, ensure the internal 8000mAh battery is fully charged by exposing the solar panel to direct sunlight for several hours or by using a compatible DC 5V power adapter (not included) if available. Insert an SD card (not included) into the designated slot for local storage, if desired.



Figure 2: Solar panel connection and power port location.

3. Mounting Options

The feeder offers versatile mounting options:

- **Tree-Mounted:** Use the provided strap or screws to secure the feeder to a tree trunk.
- **Wall-Mounted:** Attach the metal bracket to a wall using screws, then slide the feeder onto the bracket.
- **Pole-Mounted:** Secure the feeder to a pole using the appropriate adapter and screws.
- **Table-Top:** The feeder can also be placed on a flat surface without additional mounting hardware.

Ensure the chosen location provides ample direct sunlight for the solar panel and is within range of your Wi-Fi network for optimal camera performance.



Figure 3: Various mounting configurations for the bird feeder.

OPERATING INSTRUCTIONS

1. App Connection and Live View

Download the companion mobile application (refer to the user manual for specific app name and QR code). Follow the in-app instructions to connect the bird feeder to your home Wi-Fi network. Once connected, you can access a live feed from both cameras simultaneously. The app allows you to take pictures, record video, and access stored footage.

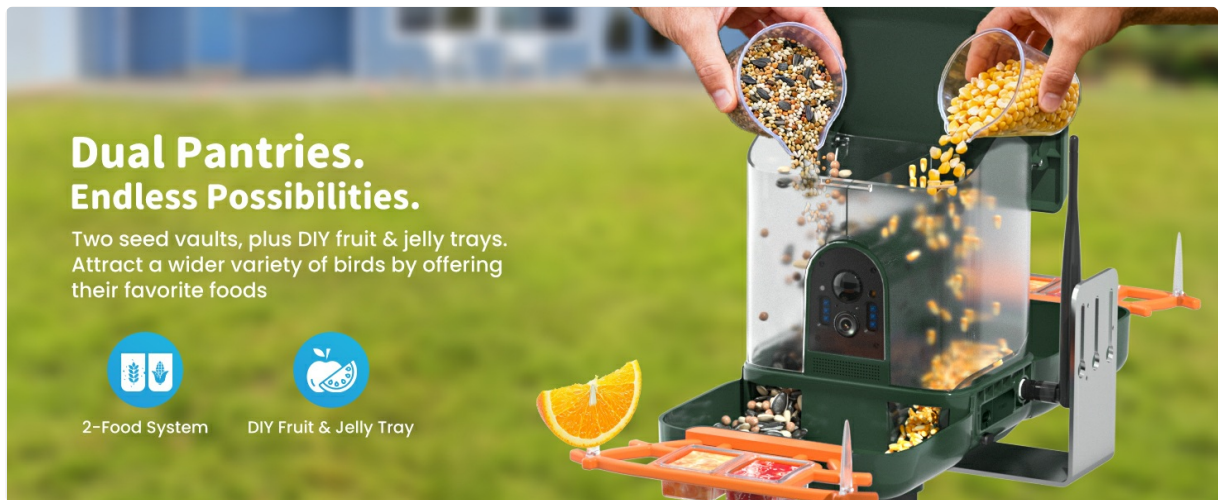


Figure 4: Live dual-camera view on the mobile application.

2. AI Bird Identification and Alerts

The integrated AI technology automatically identifies over 11,000 bird species. When a bird is detected, the app will send real-time notifications to your phone, identifying the species and providing related information. This feature enhances the educational aspect of birdwatching.

AI BIRD RECOGNITION



Figure 5: AI bird identification feature in action.

3. Dual Pantries and DIY Trays

The feeder features two independent food chambers, allowing you to offer different types of seeds or treats simultaneously. Additionally, DIY trays are included for serving jelly, fruit, or mealworms, attracting a wider variety of bird species.



Figure 6: Dual feeding areas and bird bath in use.

4. Storage Options

The feeder supports both local storage via an SD card (not included) and cloud storage (subscription may be required). This provides flexible options for saving and reviewing captured footage.

MAINTENANCE

1. Refilling Food and Water

The dual food chambers are easily accessible for refilling. The bird bath features a silicone cover that can be removed for quick water refills without disassembling the entire unit. The bottom of the feeder tray includes drainage holes to prevent food from becoming soggy and to ensure proper water flow in the bath area.

Easily add food & water

NO Parts to Remove



Figure 7: Easy refilling of food and water.

2. Cleaning

Regular cleaning of the food chambers and bird bath is recommended to maintain hygiene and prevent the spread of diseases among birds. The removable silicone cover on the bird bath facilitates easy cleaning. The IP66 weatherproof rating means the unit can withstand rain and dust, but gentle cleaning with a damp cloth is advised for the camera lenses and solar panel to ensure optimal performance.



IP66
Waterproof



Drainage Design

Figure 8: The IP66 waterproof design ensures durability.

TROUBLESHOOTING

- **No Power/Not Charging:** Ensure the solar panel is receiving direct sunlight. Check the connection between the solar panel and the feeder. Verify the ON/OFF switch is in the 'ON' position.
- **Wi-Fi Connection Issues:** Ensure the feeder is within range of your Wi-Fi router. Restart the feeder and your router if connection drops persist. Follow the app's troubleshooting steps for re-pairing.
- **Inaccurate AI Identification:** While advanced, AI identification may occasionally misidentify species, especially with partial views or unusual lighting. Cross-reference with field guides if unsure.
- **False Alerts:** Motion detection can sometimes be triggered by squirrels, large insects, or strong winds. Adjust motion sensitivity settings in the app if available.
- **Poor Video Quality:** Ensure camera lenses are clean and free from debris. Check your Wi-Fi signal strength for optimal streaming.

SPECIFICATIONS

Feature	Detail
Brand	NAVFS

Model Number	BD03
Target Species	Bird
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Feature	Rain Proof (IP66 Weatherproof)
Mounting Type	Tree, Wall, Pole
Product Dimensions	12.01"L x 7.28"W x 10.87"H
Power Source	Solar Powered
Battery Capacity	8000mAh
Solar Panel Power	3W
Item Weight	2.65 Pounds

WARRANTY AND SUPPORT

The NAVFS Bird Feeder Camera and Bath comes with a **one-year warranty**. Our dedicated customer service team is available to address any questions or concerns, ensuring a seamless experience from installation to daily use. For support, please refer to the contact information provided in the original product packaging or visit the official NAVFS website.