IBKINXX PFS-172C1

IBKINXX Automatic Solar Powered Chicken Coop Door

Model: PFS-172C1

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your IBKINXX Automatic Solar Powered Chicken Coop Door, Model PFS-172C1. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product. This device is designed to automate the opening and closing of your chicken coop door, offering convenience and enhanced security for your poultry.

Product Features

- **Upgraded Size:** Provides a larger opening for poultry to move freely.
- **Solar Powered:** Equipped with a solar panel for continuous operation, reducing the need for frequent charging.
- **Hidden Charging Cable:** The charging cable is concealed to protect it from damage and extend the door's lifespan.
- **Automatic Operation:** Features programmable timer settings for automatic opening and closing.
- **Anti-Pinch Design:** Incorporates a safety mechanism to prevent injury to chickens during closing.
- **Durable Construction:** Made from high-quality aluminum for long-term performance and resistance to predators.
- **Weather Resistant:** Designed to operate reliably in various weather conditions, including rain, sun, and snow.



Figure 1: Upgraded door dimensions for improved poultry access.



Figure 2: Control panel with concealed charging cable for enhanced longevity.



Figure 3: Anti-pinch safety feature in action, protecting poultry.

Package Contents

Verify that all components are present before beginning installation:

- Chicken Coop Door x1
- Screwdriver x1
- Screws x8

- Solar Panel x1
- Type C Charging Cable x1

Setup and Installation

Follow these steps for proper installation of your chicken coop door:

1. **Initial Battery Check:** Before use, check the display screen for battery level. If the battery icon in the upper right corner flashes, the battery is low. Fully charge the device using the Type-C cable or solar panel before initial operation.
2. **Prepare Opening:** Outline the area to be cut for the door opening. The recommended opening size is approximately 9.45 inches wide by 11.42 inches high.
3. **Cut Opening:** Carefully cut out the outlined area in your chicken coop wall.
4. **Mount Door:** Secure the chicken coop door to the coop wall using the provided screws. Ensure it is mounted level and securely.
5. **Position Solar Panel:** Connect the solar panel to the door. Use the 9.5-foot cable to position the solar panel in an area that receives maximum direct sunlight throughout the day for optimal charging.



Figure 4: Step-by-step installation guide for the chicken coop door.



Figure 5: Hybrid power support with solar panel and Type-C charging for continuous operation.

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Video 1: Overview of the Automatic Chicken Coop Door Solar Powered, demonstrating its features and general operation. (Source: IBKINXX ZL)

Operating Instructions

The chicken coop door offers multiple operating modes:

Setting Time and Automatic Schedule

Use the control panel to set the current time and desired open/close times. The door will operate automatically based on these settings.

- **Current Time Resetting:** Press the **UP** and **DOWN** buttons simultaneously to adjust the current time.
- **Automatic Open or Close:** Press the **UP** and **DOWN** buttons to set the automatic open and close times.
- **Confirm Settings:** Press the **SET** button to confirm each setting.

Manual Operation

You can manually open or close the door at any time:

- **Manually Open or Close:** Press the **UP** button once to open, or the **DOWN** button once to close.

Remote Control

The included remote control allows for convenient manual operation from a distance (within approximately 50 feet).



Figure 6: Easy-to-use timer settings on the control panel.

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Video 2: Demonstration of setting the timer and using the automatic functions of the chicken coop door. (Source: IBKINXX ZL)

Maintenance

Regular maintenance ensures optimal performance and extends the life of your chicken coop door.

- **Cleaning:** Periodically clean the door and its tracks to prevent debris buildup that could obstruct movement. Use a damp cloth and mild detergent if necessary.
- **Battery Monitoring:** The solar panel continuously charges the internal 2000mAh battery. Monitor the battery indicator on the display. If prolonged periods of low sunlight occur, use the Type-C charging cable to manually charge the battery.
- **Cable Inspection:** Regularly inspect the concealed charging cable for any signs of wear or damage.



Figure 7: Consistent performance of the door in diverse weather conditions.

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Video 3: Demonstration of the waterproof features of the automatic chicken door, showcasing its durability in wet conditions. (Source:

IBKINXX ZL)

Troubleshooting

If you encounter issues with your chicken coop door, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Door does not open or close automatically.	Incorrect timer settings; low battery; obstruction in door path.	Verify timer settings on the display. Check battery level and charge if low. Inspect door path for debris or poultry and clear any obstructions.
Door stops mid-operation or reverses.	Anti-pinch sensor activated; mechanical obstruction.	Check for any objects or poultry in the door's path. Ensure the door tracks are clean and free of debris.
Remote control not working.	Remote battery depleted; out of range.	Replace remote control battery. Ensure you are within the effective range (approx. 50 feet) of the door.
Battery not charging via solar panel.	Insufficient sunlight; solar panel obstructed or dirty; faulty connection.	Relocate solar panel to an area with more direct sunlight. Clean the solar panel surface. Check the connection cable between the solar panel and the door.

Specifications

Feature	Detail
Model Number	PFS-172C1
Product Dimensions (L x W x H)	11.73" x 2.24" x 15.47"
Weight	3.02 pounds
Material	Aluminum
Power Source	Solar Powered, Type-C USB (backup)
Battery Type	1 Lithium Ion battery (included)
Special Features	Easy to Clean, Easy to Use, Waterproof, Weather Resistant, Anti-Pinch Design
Recommended Pet Type	Chicken, Duck, Poultry

Warranty and Support

For warranty information and customer support, please contact IBKINXX directly. Keep your purchase receipt as proof of purchase. While specific warranty details are not provided in this manual, most products come with a manufacturer's warranty covering defects in materials and workmanship.
For further assistance or technical support, please visit the official IBKINXX website or contact their customer service department.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question