FOFNON CCD1

FOFNON Automatic Chicken Coop Door Solar: Instruction Manual

MODEL: CCD1

Brand: FOFNON

1. Introduction

The FOFNON Automatic Chicken Coop Door provides a convenient and reliable solution for managing your poultry. Designed with advanced features such as solar power, intelligent timing, and light sensing, it ensures your chickens are safely secured at night and released in the morning without manual intervention. Its robust construction and anti-pinch mechanism prioritize the safety and well-being of your flock.

Key features include:

- **Solar Powered:** Equipped with a 2000mAh battery, rechargeable via solar panel or USB-C, providing up to 45 days of operation on a full charge.
- **Timing & Light Sensing:** Automated opening and closing based on pre-set times or natural light conditions.
- **Anti-Pinch Protection:** The door reopens and closes again if an obstruction is detected during closing, ensuring poultry safety.
- **Durable Construction:** Made from aluminum alloy and ABS, designed to withstand harsh weather conditions (-35°C to 60°C), including snow, rain, and dust.
- **Versatile Size:** Door opening of 9.4" high and 10.8" wide, suitable for various poultry like ducks, geese, and rabbits under 10 lbs.

2. Package Contents

Upon opening your FOFNON Automatic Chicken Coop Door package, you should find the following items:

- 1 × Automatic Chicken Door
- 1 × Instruction Manual
- 1 × Solar Power Supply
- 1 × Remote Control
- 1 × USB Charging Cable

- 10 × Screws

Figure 2.1: All components included in the FOFNON Automatic Chicken Coop Door package.

3. Important Safety Information

- Fully charge the chicken door with the USB-C cable before first use to ensure optimal battery performance.
- Solar panels must be placed in an area with good exposure to direct sunlight for efficient charging.
- Regularly apply lubricant to the door mechanism to prevent sticking and ensure smooth operation.
- Periodically clear away any debris or obstructions around the automatic chicken coop door to prevent the door from getting stuck or malfunctioning.
- Ensure the door is installed securely to prevent unauthorized access by predators.

4. Setup Guide

Follow these steps to properly install your FOFNON Automatic Chicken Coop Door:

1. **Choose Location:** Select a suitable location on your chicken coop for installation. Ensure the area is flat

and provides enough space for the door to operate freely. The door opening is 9.4" high and 10.8" wide.

2. **Prepare Opening:** If necessary, create an opening in your coop that matches the dimensions of the door frame.

3. **Mount Door:** Position the automatic chicken door over the prepared opening. Use the provided screws to securely fasten the door frame to the coop. The installation process typically takes about 10 minutes.

4. **Install Solar Panel:** Connect the solar power supply cable to the door unit. Mount the solar panel in a location that receives maximum direct sunlight throughout the day. It can be mounted on the coop wall using the included bracket or staked into the ground.

5. **Initial Charge:** Before first use, fully charge the door's internal battery using the provided USB-C charging cable.

Figure 4.1: Securely mounting the automatic chicken coop door to the coop.

Figure 4.2: Proper placement of the solar panel for optimal charging.

5. Operating Modes

The FOFNON Automatic Chicken Coop Door offers four convenient operating modes:

- **Light Sensing Mode:** The door automatically opens at dawn and closes at dusk based on ambient light levels. This is ideal for natural light cycles.

- **Timing Mode:** Set specific opening and closing times for the door. This mode provides precise control over your chickens' schedule. To program, press and hold the 'Open' or 'Close' button on the control panel for 3 seconds at the desired time. The door will then operate at that exact time daily.

- **Remote Control:** Use the included remote control to manually open or close the door from a distance.

- **Manual Control:** The door can also be operated manually directly from the control panel on the solar unit.

Figure 5.1: Overview of the four available operating modes.

Anti-Pinch Function

The door is equipped with an intelligent anti-pinch function. If an obstruction (such as a chicken) is detected during the closing process, the door will automatically stop, reopen, and then attempt to close again after a few seconds. This ensures the safety of your poultry.
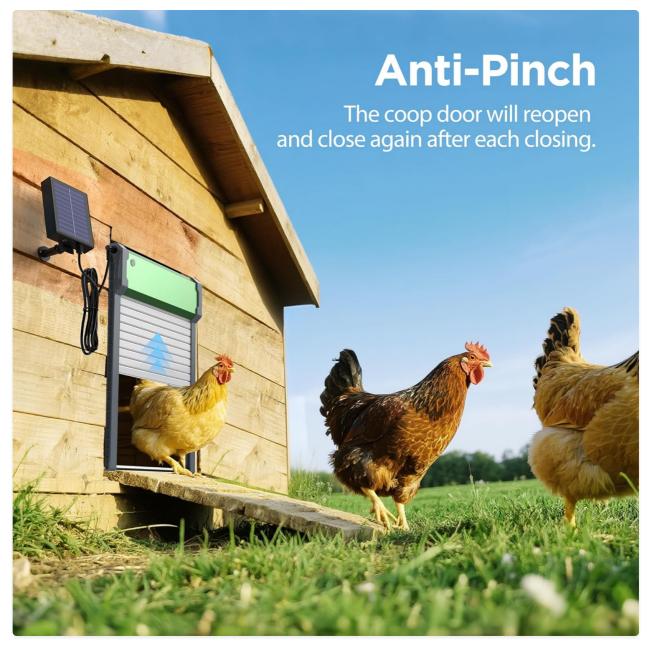
Figure 5.2: The anti-pinch safety feature in action.

Product Functionality Video

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Video 5.1: Official product video demonstrating the automatic opening and closing of the FOFNON chicken coop door.

6. Maintenance

To ensure the longevity and optimal performance of your automatic chicken coop door, regular maintenance is recommended:

- **Lubrication:** Apply a suitable lubricant to the moving parts of the door mechanism periodically to ensure smooth operation and prevent sticking.
- **Debris Clearing:** Regularly inspect and clear any debris, dirt, or feathers that may accumulate around the door's tracks or sensor areas. Obstructions can hinder proper closing and opening.
- **Solar Panel Cleaning:** Keep the surface of the solar panel clean from dust, dirt, or snow to ensure efficient sunlight absorption and battery charging.

7. Troubleshooting

If you encounter any issues with your FOFNON Automatic Chicken Coop Door, please refer to the following common troubleshooting tips:

- **Door Not Opening/Closing:**

  - Check the battery level on the solar unit. Ensure it is sufficiently charged.
  - Verify that the solar panel is receiving adequate direct sunlight.
  - Inspect the door tracks for any obstructions or debris. Clear them if found.
  - If using light sensing mode, ensure the sensor is not obstructed or covered.
  - If using timing mode, re-verify the programmed open/close times.

- **Anti-Pinch Function Not Working:**

  - Ensure the bottom bar of the door is clean and free from any build-up that might interfere with sensor detection.
  - Test the function by gently placing a small, soft object in the door's path during closing to confirm it retracts.

- **Remote Control Issues:**

  - Check the battery in the remote control and replace if necessary.
  - Ensure you are within the effective range of the remote control.

For persistent issues not resolved by these steps, please contact customer support.

8. Specifications

Feature	Detail
Product Dimensions	15.34 x 11.99 x 4.31 inches (Door Unit)
Item Weight	4 pounds
Manufacturer	FOFNON
Model Number	CCD1
Power Source	Solar Powered (with USB-C charging option)
Battery Capacity	2000mAh (up to 45 days on full charge)
Material	Aluminum Alloy, ABS
Weather Resistance	IP65 Certified (withstands -35°C to 60°C, snow, rain, dust)
Door Opening Size	9.4" H x 10.8" W

Figure 8.1: The door's durability and weather resistance.

9. Warranty and Support

For detailed warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official FOFNON website. Our customer service team is available to assist with any questions or concerns regarding your Automatic Chicken Coop Door.

Contact Information: Please refer to the contact details provided in your product manual or on the manufacturer's official website for the most up-to-date support options.

Related Documents - CCD1

[CaseCryo® DMSO & NON-DMSO Freezing Media Protocol](#)

Detailed protocol for using CaseBioscience CaseCryo® DMSO 10% and CaseCryo® NON-DMSO freezing media for long-term cryopreservation of stem cells and other cell types, including freezing and thawing procedures.