

NVOPERANG V9

NVOPERANG Automatic Chicken Coop Door V9 User Manual

Model: V9

1. INTRODUCTION

Thank you for choosing the NVOPERANG Automatic Chicken Coop Door V9. This device is designed to automate the opening and closing of your chicken coop door, providing convenience and enhanced protection for your poultry. Featuring solar power, an anti-pinch safety mechanism, and multiple control modes, this door offers a reliable solution for managing your flock's access.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure the installation area is clear of obstructions.
- Keep children and pets away from the door during operation.
- Do not attempt to force the door open or closed manually while it is operating automatically.
- Disconnect power before performing any maintenance or cleaning.
- The anti-pinch feature is a safety measure; however, always supervise initial operations to ensure proper function.

3. PRODUCT FEATURES

- **Solar Powered:** Integrated solar panel for energy efficiency and continuous operation.
- **Anti-Pinch Design:** Automatically reverses if an obstruction is detected during closing, preventing injury to poultry.
- **Durable Construction:** Made from full aluminum alloy, designed to withstand various weather conditions from -15°F to 140°F.
- **Multiple Control Modes:** Timer, Remote Control, Manual Control, and Light Sensor modes for flexible operation.
- **Predator Resistant:** Robust design helps protect your flock from predators.

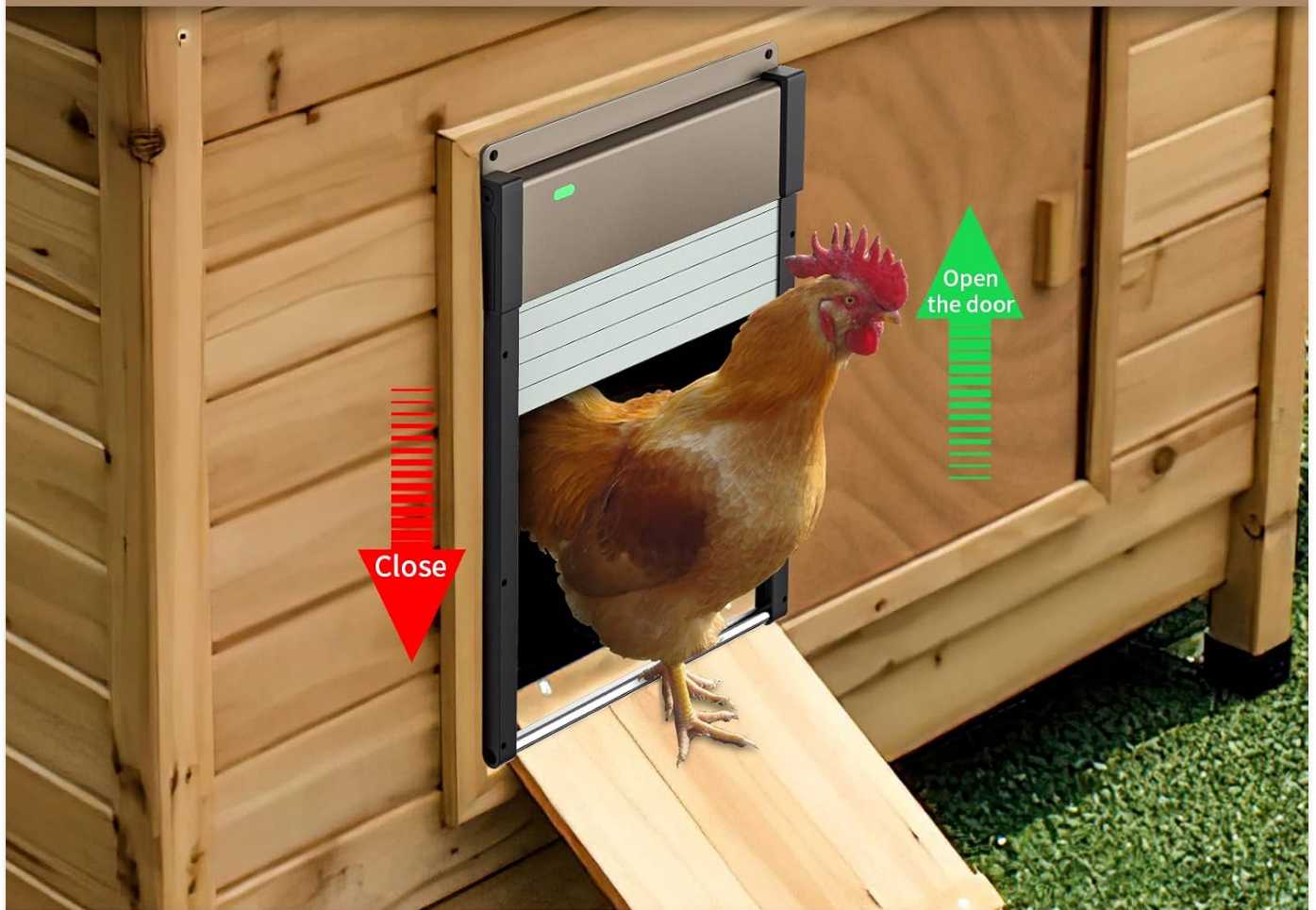
DURABLE AND STABLE ALUMINUM ALLOY

can work in harsh environments from -15°F to 140°F



Image: The internal mechanism and robust aluminum alloy construction, highlighting its durability in various weather conditions.

SMART ANTI-PINCH CHICKEN DESIGN



Note: If the chicken is caught accidentally when closing the door, the door will back up for 3 seconds, then pause 5 seconds . After the chicken runs away, the door closes again.

Image: A chicken safely passing through the door, illustrating the anti-pinch safety feature which reverses the door if an obstruction is detected.

FOUR MODES TO CHOOSE FREE YOUR HANDS



Mode A :Time Setting



Mode B :Remote Control



Mode C :Manual Control



Mode D :Light Sensor Control

Image: Visual representation of the four available control modes: Time Setting, Remote Control, Manual Control, and Light Sensor Control.

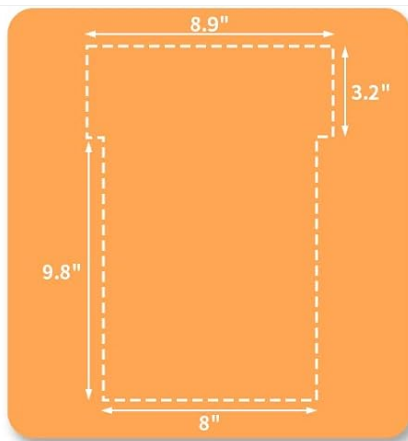
4. PACKAGE CONTENTS

Please ensure all components are present before beginning installation:

- Automatic Chicken Coop Door Unit (V9)
- Integrated Solar Panel
- Remote Control
- Mounting Screws and Hardware
- User Manual

5. INSTALLATION GUIDE

The NVOPERANG Automatic Chicken Coop Door is designed for screw-in installation. Follow these steps for proper setup:



Step1:
Dug perforation size
of the coop door



Step2:
Mark the hole locations
for the door



Step3:
Drill in the marked corners

ONLY TAKES 5 MINUTES



Step4:
Saw the marked door
along the hole



Step5:
Gently screw the door in
with the screws! Don't overtighten
or it won't work!



Step6:
Installation complete

Image: A six-step visual guide demonstrating the installation process of the chicken coop door.

- Step 1: Determine Door Opening Size.** Measure and mark the required perforation size for the coop door. The recommended opening dimensions are approximately 8.9 inches wide by 9.8 inches high, with a top section of 3.2 inches for the mechanism.
- Step 2: Mark Hole Locations.** Place the door unit against the coop wall where it will be installed and mark the locations for the mounting holes.
- Step 3: Drill Corners.** Use a drill to create pilot holes in the marked corners of the door opening.
- Step 4: Cut Opening.** Using a saw, carefully cut along the marked lines to create the opening for the door.
- Step 5: Mount the Door.** Insert the door unit into the prepared opening. Gently screw the door in with the provided screws. **Important:** Do not overtighten the screws, as this can cause the track to bow and obstruct door movement. Ensure the door moves smoothly before fully tightening.
- Step 6: Installation Complete.** Once secured, test the door's operation.

6. OPERATING INSTRUCTIONS

The NVOPERANG Automatic Chicken Coop Door offers four distinct operating modes:

6.1. Mode A: Time Setting

This mode allows you to set specific times for the door to open and close. Refer to the detailed instructions in the included manual for setting the internal clock and programming open/close times. Ensure the current time is accurately set for proper function.

6.2. Mode B: Remote Control

Use the provided remote control to manually open or close the door from a distance. Point the remote towards the door unit and press the designated open or close buttons. Ensure the remote's battery is functional.

6.3. Mode C: Manual Control

The door unit features physical buttons for manual operation. Press the 'Open' or 'Close' buttons directly on the control panel to operate the door. This is useful for immediate access or testing.

6.4. Mode D: Light Sensor Control

In this mode, the door automatically opens at sunrise and closes at sunset, based on ambient light levels detected by the integrated sensor. This provides a natural schedule for your flock. Ensure the solar panel and light sensor are not obstructed.

LIGHT SENSOR FUNCTION OPEN AND CLOSE AUTOMATICALLY



Image: The chicken coop door operating automatically based on light sensor detection, opening at sunrise and closing at night.

6.5. Solar Charging

The integrated solar panel charges the internal battery. For optimal performance, ensure the solar panel is exposed to direct sunlight for several hours daily. Avoid placing the door in shaded areas that would prevent adequate charging.

7. MAINTENANCE

- **Cleaning:** Periodically clean the door tracks and the solar panel with a soft, damp cloth to remove dirt, dust, or debris. Ensure the light sensor is also clean for accurate readings.
- **Track Inspection:** Regularly inspect the door tracks for any obstructions or signs of wear. Ensure the tracks remain straight and free from bowing, which can impede door movement.
- **Battery Check:** While solar-powered, monitor the door's performance, especially during prolonged cloudy periods, to ensure the battery retains sufficient charge.
- **Screw Tightness:** Occasionally check the mounting screws to ensure they are secure but not overtightened.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Door fails to open or close automatically.	Low battery charge. Light sensor obstructed or dirty. Incorrect time settings. Obstruction in door track.	Ensure solar panel receives adequate sunlight. Clean the light sensor and solar panel. Verify and reset time settings (Mode A). Inspect and clear door tracks.
Door stalls or struggles to move.	Door tracks are bowed or misaligned. Screws are overtightened, causing friction. Debris in tracks.	Loosen mounting screws slightly and ensure tracks are straight. Adjust screws to prevent bowing. Clean tracks thoroughly.
Remote control not working.	Remote battery is dead. Out of range.	Replace remote control battery. Move closer to the door unit.

9. SPECIFICATIONS

- **Model:** V9
- **Brand:** NVOPERANG
- **Material:** Aluminum Alloy
- **Power Source:** Solar Powered (Integrated Solar Panel)
- **Control Methods:** Timer, Remote Control, Manual, Light Sensor
- **Installation Type:** Screw-In
- **Operating Temperature:** -15°F to 140°F

10. WARRANTY AND SUPPORT

The NVOPERANG Automatic Chicken Coop Door V9 comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact NVOPERANG customer support. If you encounter any issues or require assistance, please reach out to our support team through the contact information provided with your purchase or on the official NVOPERANG website.

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.

Name

Anonymous

Email

you@example.com

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