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> Apdoe Automatic Chicken Coop Door User Manual - Model AD01

Apdoe AD01

Apdoe Automatic Chicken Coop Door User Manual

Model: AD01

1. INTRODUCTION

The Apdoe Automatic Chicken Coop Door (Model AD01) is designed to provide convenience and security for your poultry. This solar-powered system integrates multiple operating modes, advanced safety features, and durable construction to ensure your flock is protected and managed efficiently. It features a high-efficiency ETFE solar panel, an upgraded LCD screen, and a remote control for flexible operation.

2. SETUP AND INSTALLATION

The Apdoe Automatic Chicken Coop Door is designed for straightforward installation. Ensure you have all components before beginning.

2.1. What's in the Box

- Chicken Coop Door Unit
- ETFE Solar Panel (with 9.8ft cable)
- Remote Control
- USB Type-C Charging Cable
- Screw Kit with Screwdriver
- Installation Template Card
- User Manual

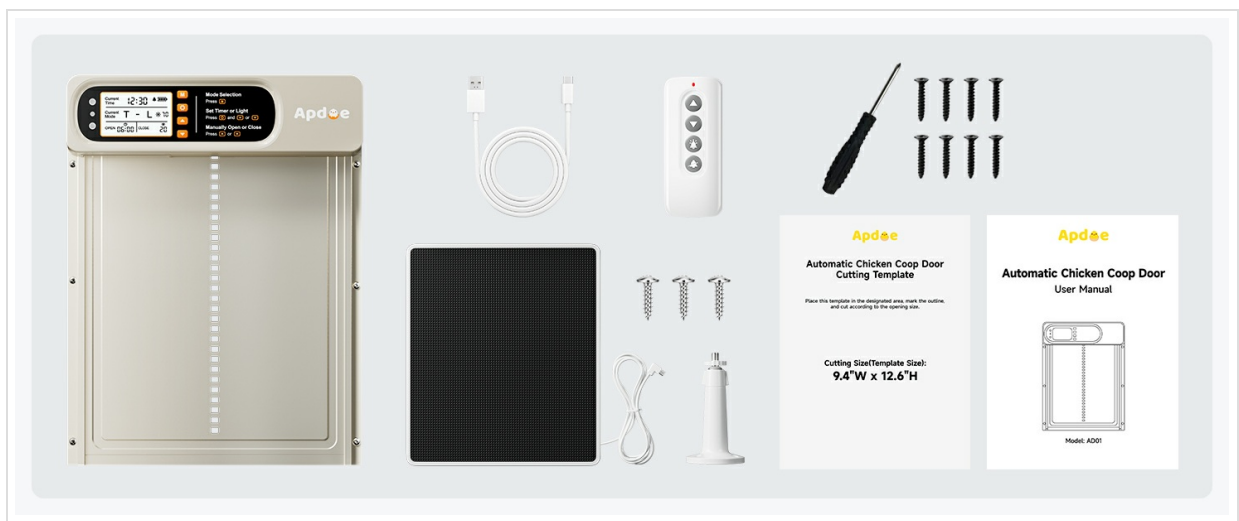


Image: All components included in the Apdoo Automatic Chicken Coop Door package.

2.2. Installation Steps

- 1. Prepare the Opening:** Use the provided template card to mark the dimensions for the door opening on your chicken coop.
- 2. Cut the Opening:** Carefully cut out the marked area to create the correct size opening for the door.
- 3. Secure the Door:** Fasten the chicken coop door unit in place using the provided screw kit.
- 4. Mount the Solar Panel:** Position the ETFE solar panel in an area that receives ample sunlight and connect its 9.8ft cable to the main door unit. The solar panel can be adjusted for optimal sun exposure.
- 5. Test Operation:** After installation, test the door's operation using manual control or the remote to ensure it moves smoothly.



Image: Visual guide illustrating the four main steps for installing the chicken coop door.

2.3. Initial Charging

The door has a built-in 2000mAh battery. For initial use or if the battery is low, you can charge it via the ETFE solar panel or directly using the included USB Type-C charging cable.

3. OPERATING MODES

The Apdoo Automatic Chicken Coop Door offers four distinct operating modes for maximum flexibility and convenience.

3.1. Mode Selection via LCD Display

The upgraded high-visibility LCD display allows for easy mode selection and setting adjustments, even in direct sunlight. The display automatically dims after inactivity to conserve power.

Waterproof and Cold-Resistant

Peace of Mind in Any Weather

-15°F  **140°F**

Working Temperatures: -15°F to 140°F



IP65
Waterproof



Aluminium
Alloy



Scratch
Proof



Image: Detailed view of the LCD display and control buttons for mode selection and settings.

3.2. Available Modes

- **Light Sensor Mode:** The door automatically opens at sunrise and closes at sunset. Sensitivity can be adjusted.
- **Timer Mode:** Program custom opening and closing schedules based on specific times.
- **Remote Control:** Operate the door wirelessly from up to 65ft away using the included remote control.
- **Manual Override:** Use the physical buttons on the control panel for immediate opening or closing.

Comfort Size for Any Flock!


Stress-Free Entry and Exit
Safe and Healthy Homes for Your Poultry




Turkey



Goose



Duck



Chicken




Image: Overview of the four customizable operating modes.

3.3. Setting Combinations

You can combine light sensor and timer functions for opening and closing:

- Timer Open / Timer Close (T-T)
- Light Sensor Open / Light Sensor Close (L-L)
- Light Sensor Open / Timer Close (L-T)
- Timer Open / Light Sensor Close (T-L)

4 Customizable Modes for Personalized Setting

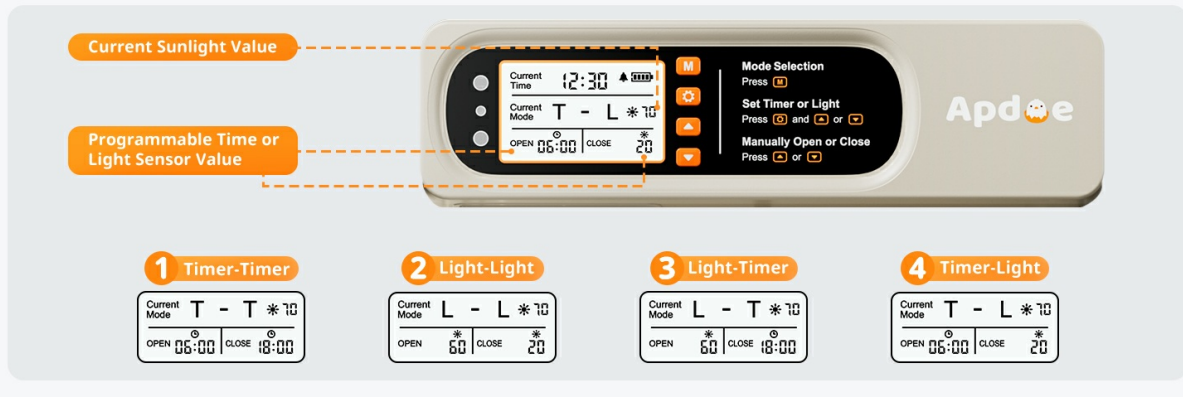


Image: Visual representation of the four customizable mode combinations.

3.4. Official Product Video: Operation Guide

Your browser does not support the video tag.

Video: A detailed guide on the operation and settings of the Automatic Chicken Coop Door, demonstrating various modes and functions.

4. SAFETY FEATURES

The Apdoo Automatic Chicken Coop Door incorporates several features to ensure the safety of your flock.

4.1. Anti-Pinch Protection

The door is equipped with intelligent obstruction detection. If the door encounters a chicken or any obstruction while closing, it will immediately stop, reverse direction, and reopen fully. It will then automatically attempt to close again once the passage is clear, preventing injury to your birds.

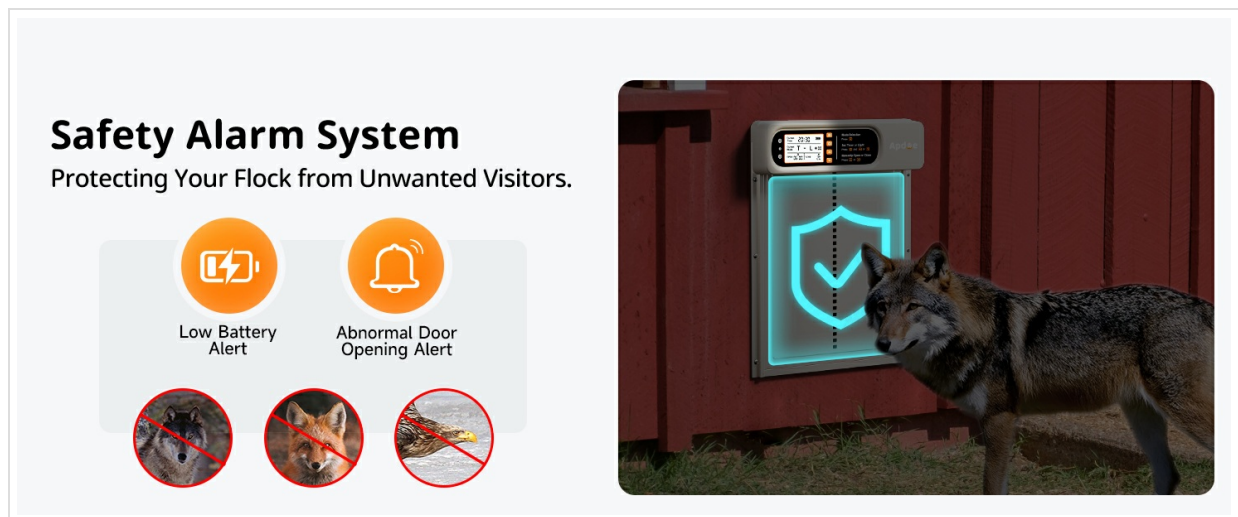


Image: Illustration of the anti-pinch mechanism, showing the door rebounding when a chicken is in the way.

4.2. Smart Safety Alerts

The door provides audible alerts for low battery status. Additionally, a safety alarm detects abnormal closing. If the door fails to close properly, a continuous red light will flash, accompanied by a buzzing sound, until the door is securely closed, alerting you to potential issues.



Image: Visuals explaining the low battery alert and abnormal closing alarm features.

5. POWER AND CHARGING

The Apdoe Automatic Chicken Coop Door is designed for reliable power management.

5.1. High-Efficiency Solar Power

The door is equipped with a durable ETFE solar panel, which charges the built-in 2000mAh battery efficiently. This allows for up to 30 days of operation on a single charge, making it ideal for outdoor coops without direct power access.

5.2. Type-C Charging

For faster charging or during periods of low sunlight, the door can be charged using the included USB Type-C cable. This provides a reliable backup power option.



Image: Illustration of the dual charging capabilities: solar power and USB-C.

6. MAINTENANCE

To ensure smooth and reliable operation of your chicken coop door, regular maintenance is recommended.

- **Door Frame Cleaning:** Regularly check and clean any dirt, debris, or obstructions from the bottom of the door frame. Weekly cleaning is recommended to prevent interference with the door's movement.
- **Solar Panel Cleaning:** Keep the solar panel clean from dust, dirt, and snow to ensure optimal charging efficiency.

7. TROUBLESHOOTING

If you encounter issues with your Apdoe Automatic Chicken Coop Door, consider the following:

- **Door Not Opening/Closing:** Check the battery level on the LCD screen. If low, recharge using the solar panel or Type-C cable. Ensure no obstructions are present in the door's path.
- **Safety Alarm Activating:** If the red light flashes and a buzzing sound occurs, check for obstructions preventing the door from closing completely. Clear any debris and ensure the door can move freely.
- **Incorrect Timing:** Verify the settings for Light Sensor Mode or Timer Mode on the LCD display. Adjust sensitivity for light or reprogram specific times as needed.

8. SPECIFICATIONS

Model Name	AD01
Brand	Apdoe
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum
Overall Dimensions	10.8" W x 14.3" H
Entryway Dimensions (fully open)	9.4" W x 10.8" H
Item Weight	3 Pounds
Operating Temperature	-15°F to 140°F
Battery Capacity	2000mAh
Solar Panel Type	ETFE
Remote Control Range	Up to 65ft

9. WARRANTY AND SUPPORT

The Apdoe Automatic Chicken Coop Door comes with a **3-Year Limited Warranty**. Additionally, a **30-Day Money-Back Refund or Replacement** policy is in effect from the date of purchase. For any support or warranty claims, please contact Apdoe customer service.