Pet Deluxe SPD-01139

Pet Deluxe Automatic Chicken Coop Door User Manual

Model: SPD-01139 | Brand: Pet Deluxe

Introduction   Safety   Components   Setup   Operation   Maintenance   Troubleshooting   Specifications   Warranty

1. INTRODUCTION

The Pet Deluxe Automatic Chicken Coop Door (Model SPD-01139) is designed to provide automated access for poultry, enhancing convenience and security for your flock. This device features solar power, a built-in rechargeable battery, and multiple operating modes including timer and light sensor functions. Its robust construction ensures reliable performance in various weather conditions.

2. SAFETY INFORMATION

- **Installation:** Do not over-tighten screws during installation to prevent frame distortion, which can impede door operation.

- **Anti-Pinch Feature:** The door is equipped with anti-pinch technology. If pressure is detected during closing, the door will stop and reopen. An alarm will sound if the door does not fully close.

- **Predator Protection:** A flashing red light and siren activate if predators attempt to force the door open.

- **Emergency Override:** An emergency button is included to manually override the system during power outages or malfunctions, ensuring immediate access or closure.

3. PRODUCT COMPONENTS

Verify that all components are present before beginning installation.

- 1 x Automatic Chicken Door Unit

- 1 x 7W Solar Panel

- 1 x Remote Control
- 1 x Type-C Power Charging Cable
- 8 x Screws for installation

Figure 3.1: Overview of the Automatic Chicken Coop Door and its included components.

4. Setup and Installation

Installation of the Pet Deluxe Automatic Chicken Coop Door is designed to be straightforward. Follow these steps for proper setup:

1. **Prepare the Opening:** Measure and cut an opening in your chicken coop wall. The door entrance size is 11.4 inches high by 9 inches wide. Ensure the opening is clean and free of obstructions.

2. **Mount the Door Unit:** Position the automatic door unit over the prepared opening. Use the provided screws to securely fasten the unit to the coop wall. Ensure the unit is level and that the door can pivot freely without obstruction. Remember not to over-tighten the screws.

3. **Install the Solar Panel:** Choose a location for the 7W solar panel where it will receive maximum direct sunlight throughout the day. Mount the solar panel securely using appropriate hardware (not included for panel mounting). Connect the solar panel cable to the charging port on the automatic door unit.

4. **Initial Charge (Optional but Recommended):** For optimal initial performance, connect the door unit to a power source using the included Type-C charging cable to fully charge the built-in 4000mAh battery before relying solely on solar power.

Peaceful Sleep

Hassle–free Outings

Figure 4.1: Step-by-step guide for installing the automatic chicken coop door and solar panel.
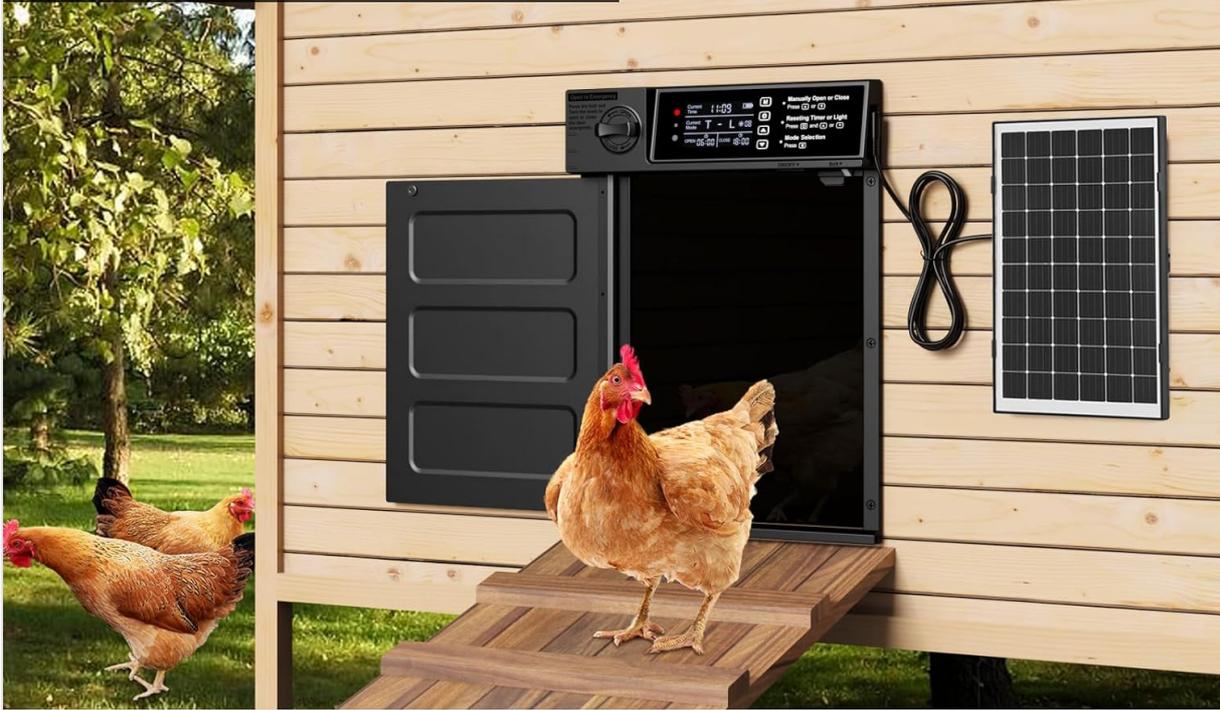
5. OPERATING INSTRUCTIONS

The automatic chicken coop door offers multiple operating modes for flexible control.

5.1 Powering and Charging

The unit is powered by a built-in 4000mAh rechargeable battery, primarily charged by the 7W solar panel. A Type-C USB port is also available for charging, especially useful during prolonged cloudy periods or for initial setup.

Figure 5.1: The door unit is powered by a 7W solar panel and a 4000mAh built-in battery, with automatic charging.

5.2 Operating Modes

Choose from four modes to automate your coop door:

- **Light Sensor Mode:** The door automatically opens at dawn and closes at dusk based on ambient light levels.

- **Timer Mode:** Set specific opening and closing times.

- **Remote Control:** Use the included remote to open or close the door manually from a distance (up to 49ft).

- **Manual Control:** Use the buttons on the control panel to open or close the door directly.

Figure 5.2: The four available operating modes for the automatic chicken coop door.

5.3 Setting Time and Light Sensitivity

The control panel allows for precise adjustments:

- **Current Local Time:** Set the current time for accurate timer operations.

- **Current Mode:** Select between Time, Light, or combined modes.

- **Open/Close Times:** In Timer Mode, set the desired opening and closing times.

- **Light Sensitivity Value:** Adjust the light sensor's sensitivity for opening and closing. The default values are 60 for opening and 30 for closing (these values represent relative light intensity, not minutes).

Figure 5.3: Control panel interface for setting time, mode, and light sensitivity.

5.4 Emergency Override

In case of power failure or system malfunction, press the bolt and turn the knob on the control panel to manually open or close the door. This ensures your flock's safety at all times.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your automatic chicken coop door.

- **Cleaning:** Periodically clean the door unit, especially the moving parts and sensors, to prevent debris buildup that could hinder operation. Use a soft, damp cloth.
- **Solar Panel:** Keep the solar panel clean from dust, dirt, and snow to ensure efficient charging.
- **Battery:** While the battery is designed for durability, ensure it receives adequate charge, especially during winter months or prolonged cloudy periods, by utilizing the Type-C charging option if necessary.
- **Inspection:** Regularly inspect the door for any signs of wear, loose screws, or obstructions.

7. TROUBLESHOOTING

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

- **Door Not Opening/Closing:**
  - Check battery level. Recharge via solar panel or Type-C cable if low.
  - Verify operating mode settings (Timer, Light Sensor). Ensure times or light sensitivity are correctly configured.
  - Inspect for physical obstructions around the door's path.
  - Ensure screws are not over-tightened, causing frame distortion.

- **Anti-Pinch Alarm Sounds Frequently:**
  - Check for debris or obstructions in the door's closing path.
  - Ensure the door frame is not distorted, allowing the door to close smoothly.

- **Solar Panel Not Charging:**

- Ensure the solar panel is clean and free of dirt, snow, or leaves.
  - Verify the solar panel is positioned to receive maximum direct sunlight.
  - Check the connection cable between the solar panel and the door unit.

- **Remote Control Not Working:**

  - Ensure the remote control has working batteries.
  - Confirm you are within the effective range (up to 49ft).

- **Gearbox Issues:** In rare cases, internal gearbox components may experience wear. If the door swings freely or the motor runs without moving the door, contact customer support.
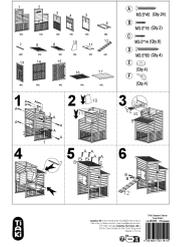
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8. SPECIFICATIONS

Feature	Detail
Model Name	SPD-01139
Brand	Pet Deluxe
Item Weight	3.98 pounds
Product Dimensions (LxWxH)	10.43 x 2.76 x 13.78 inches
Door Entrance Size (HxW)	11.4 x 9 inches
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum
Solar Panel Power	7W
Battery Capacity	4000mAh (Built-in, Rechargeable)
Protection Level	IP45 (Waterproof, Snowproof, Dustproof)
Operating Temperature	-26°C to 60°C (-14.8°F to 140°F)
Included Components	Automatic Chicken Door, 7W Solar Panel, Remote Control, Type-C Charging Cable, Screws
Target Audience	Chicken, Ducks, Geese, Rabbits, Turkeys

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9. WARRANTY AND SUPPORT

Pet Deluxe offers a 90-day warranty and a 30-day money-back guarantee for this product. For technical support, warranty claims, or any questions regarding the operation of your automatic chicken coop door, please refer to the contact information provided with your purchase or visit the official Pet Deluxe website.

Related Documents - SPD-01139

	[Pet Deluxe Ultrasonic Dog Training and Bark Control Device User Manual](#) User manual for the Pet Deluxe Ultrasonic device, a rechargeable dog training and bark control tool with ultrasonic modes, beep function, and LED flashlight. Learn how to use, charge, and maintain the device safely.
	[Metal Walk-in Chicken Coop Run - Assembly Instructions (6m x 4m x 2m)](#) Comprehensive instruction manual for assembling the Metal Walk-in Chicken Coop Run. Provides a detailed parts list and step-by-step guidance for building your 6m (L) x 4m (W) x 2m (H) chicken enclosure.
	[Rugged Ranch Pueblo Grand Chicken Coop Assembly Guide](#) Helpful tips and step-by-step instructions for assembling the Rugged Ranch Pueblo Grand Chicken Coop. Learn how to build your coop efficiently with this guide.
	[Tucker Murphy Pet™ Chicken Coop Assembly Instructions and Manual](#) Detailed assembly instructions and user manual for the Tucker Murphy Pet™ chicken coop with nesting box. Covers tools, parts, step-by-step assembly, and important safety notices.
	[TIAKI Wooden Chicken Coop Ranch Assembly Instructions	Model LA 465396](#) Step-by-step assembly guide for the TIAKI Wooden Chicken Coop Ranch (Model LA 465396). Includes a detailed parts list and hardware identification for easy construction of your pet's new home.
	[Metal Walk-in Chicken Coop Run Assembly Instructions](#) Comprehensive instructions for assembling a metal walk-in chicken coop run, including parts lists and step-by-step guidance.