

Lobeline JLM-01

Automatic Chicken Coop Door User Manual

Brand: **Lobeline**

Model: **JLM-01**

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lobeline Automatic Chicken Coop Door. Designed for convenience and security, this solar-powered door features a 4,000mAh battery, timer and light sensor controls, and remote operation, ensuring your poultry are safely managed day and night. Its robust construction is built to withstand various weather conditions, and an anti-pinch safety mechanism protects your chickens.

INCLUDED COMPONENTS

- Automatic Chicken Coop Door Unit
- Solar Panel with Power Cable
- Remote Control
- Mounting Hardware (Screws, Positioning Paper)
- User Manual

SETUP AND INSTALLATION

Follow these steps for proper installation of your automatic chicken coop door. Ensure the installation surface is stable and provides adequate clearance for the door's operation.

1. Initial Charging

Upon receiving the chicken coop door, connect the solar panel to the main unit using the provided power cable. Place the solar panel in a sunny location for initial charging. This ensures the internal 4,000mAh battery is adequately charged before first use.

2. Selecting Installation Location

Choose a flat, vertical surface on your chicken coop for mounting. Ensure there is enough space for the door to open and close freely without obstruction. The roll-up design saves space compared to traditional swinging doors.



Figure 1: The space-saving roll-up design of the door, illustrating how it requires less clearance than traditional swinging doors.

3. Measuring and Cutting the Opening

Use the provided positioning paper to mark the exact dimensions for the door opening on your coop. The recommended cut-out size is approximately 10.4 inches (width) by 13.38 inches (height). Carefully cut the opening using appropriate tools.

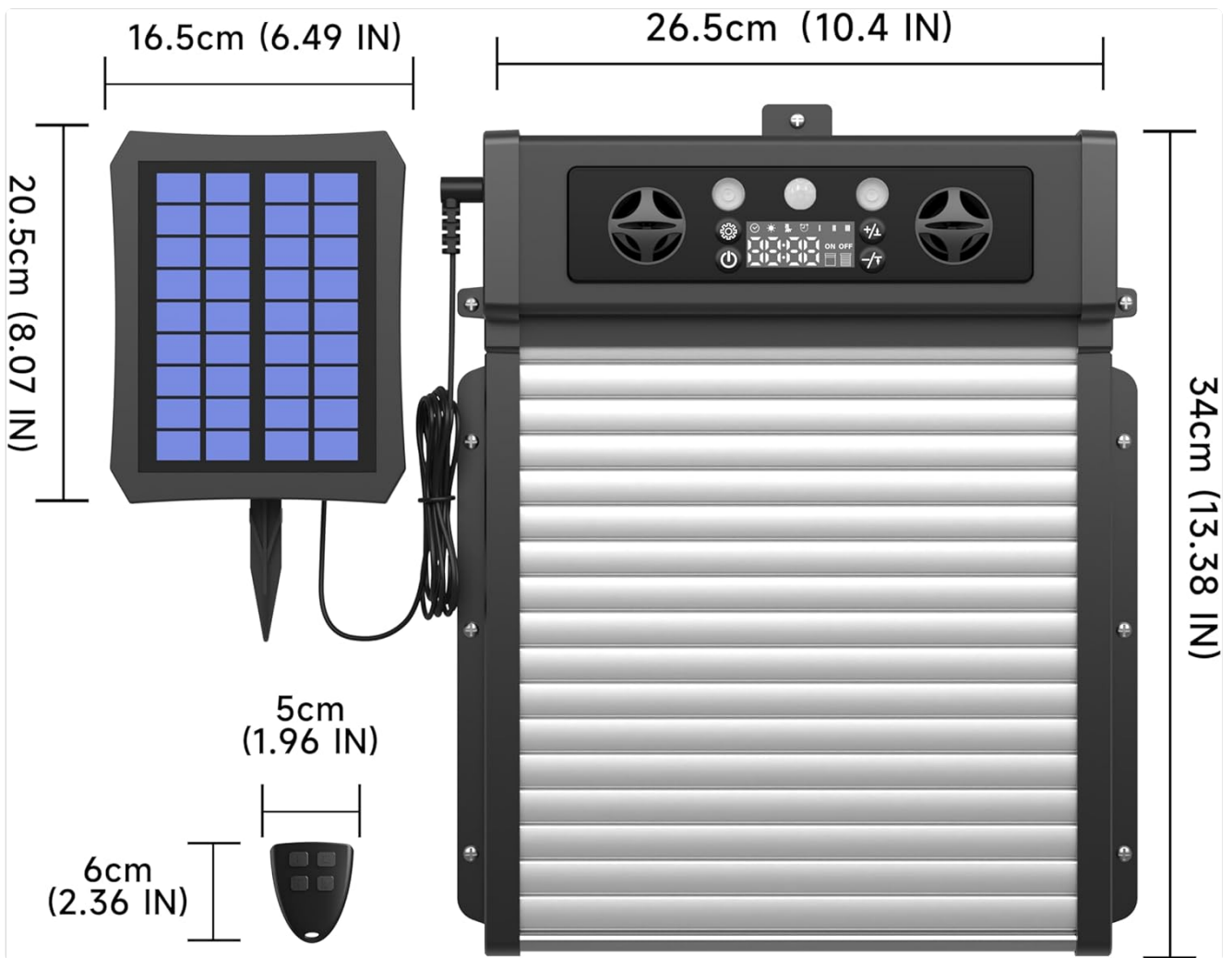


Figure 2: Detailed dimensions of the Automatic Chicken Coop Door and its components for accurate installation.

4. Mounting the Door Unit

Align the chicken coop door unit with the prepared opening. Use the provided mounting hardware (screws) to securely fasten the unit to the coop wall. Ensure the unit is level and firmly attached to prevent operational issues.



Figure 3: The Lobeline Automatic Chicken Coop Door installed on a chicken coop, demonstrating its appearance and key components.

5. Positioning the Solar Panel

Position the solar panel in an area that receives maximum direct sunlight throughout the day. The panel can be inserted into soft soil using its ground spike or mounted on a surface. Connect the solar panel's cable to the main door unit. This ensures continuous charging of the internal battery.

Solar Powered Automatically charge

No need to worry about battery life anymore!



Figure 4: The solar panel positioned to automatically charge the chicken coop door unit, ensuring continuous power.

OPERATING INSTRUCTIONS

The Lobeline Automatic Chicken Coop Door offers multiple operating modes for your convenience.

1. Power On/Off

- To power on the unit, long press the power button () until the screen lights up.
- To power off, long press the power button () again.

2. Setting Local Time

- Long press the settings button (⚙️) until the clock icon blinks on the screen.
- Use the up/down buttons (+/-) to adjust the hours.

- Short press the settings button (⚙️) to switch to minute adjustment. Use the up/down buttons (↕️) to adjust minutes (in 5-minute increments).
- Long press the settings button (⚙️) again to save the time and exit setting mode.

3. Operating Modes

The door supports Timer Control, Light Sensor Control, Manual Control, and Remote Control modes.

Give you freedom

7:00AM

19:00PM

Don't worry about your chicken

Peaceful sleep

Hassle-free outings

Figure 5: Example of scheduled opening and closing times for the chicken coop door.

a. Timer Control Mode

- Long press the settings button (⚙️) until the clock icon blinks.
- Short press the settings button (⚙️) until the "ON" indicator blinks. This is for setting the opening time. Use up/down buttons (+/-) to set the desired opening hour and minute.
- Short press the settings button (⚙️) again until the "OFF" indicator blinks. This is for setting the closing time. Use up/down buttons (+/-) to set the desired closing hour and minute.
- Long press the settings button (⚙️) to save and activate Timer Control mode.

b. Light Sensor Control Mode

- The light sensor automatically opens the door in the morning when it detects sufficient light and closes it at night when light levels drop.
- To activate, short press the settings button (⚙️) until the sun icon blinks.
- The door will now operate based on ambient light levels.



Figure 6: Choose between automatic operation via light sensor or precise scheduling with timer control.

c. Manual Control

- Use the up/down buttons (+/-) on the unit to manually open or close the door at any time.

d. Remote Control

- The included remote control allows you to open or close the door from a distance.
- Press the "Open" button on the remote to open the door.

- Press the "Close" button on the remote to close the door.

SAFETY FEATURES

1. Anti-Pinch Safety Protection

The automatic chicken coop door is programmed with a protection mechanism. If the door encounters resistance (e.g., a chicken in the way) while closing, it will automatically stop and reverse, preventing injury to your poultry. It will then attempt to close again after a short delay.

2. Predator Deterrence

The door features an integrated animal deterrent system that emits sound waves to discourage predators from approaching the coop. This adds an extra layer of security for your flock.



Figure 7: The integrated animal deterrent system helps keep predators away from your chicken coop.

3. Extreme Weather Resistance

Constructed from durable aluminum, the door is waterproof and designed to withstand various weather conditions, including snow, rain, and dust. It operates reliably in temperatures ranging from -15°F to 140°F (-26°C to 60°C), ensuring consistent performance year-round.

Aluminum Strong and durable Weatherproofed to Perfection

**80°F
Extreme Heat**

**-15°F
Freezing**

Heavy Rain

Figure 8: The robust aluminum construction ensures the door's durability and weather resistance in harsh conditions.

MAINTENANCE

- **Solar Panel:** Regularly clean the surface of the solar panel to ensure maximum sunlight absorption and efficient charging. Remove any dust, dirt, or debris.
- **Door Tracks:** Periodically inspect and clean the door tracks to prevent accumulation of dirt, feathers, or other debris that could impede smooth operation or trigger the anti-pinch mechanism unnecessarily.
- **Battery:** The 4,000mAh battery is designed for long-lasting performance. Ensure the solar panel is always

exposed to adequate sunlight for optimal charging. In prolonged periods of low sunlight, manual charging via the provided power cable may be necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Door not opening/closing at set times.	Incorrect time setting or mode.	Verify the local time and programmed open/close times. Ensure the correct operating mode (Timer or Light Sensor) is selected.
Door stops or reverses during closing.	Obstruction in the door path or anti-pinch activated.	Check for any obstructions (e.g., chickens, debris) in the door's path. Clean the tracks if necessary.
Door unit not powering on.	Low battery or solar panel not charging.	Ensure the solar panel is connected and receiving direct sunlight. Allow time for charging. If needed, manually charge the unit.
Remote control not working.	Remote battery low or out of range.	Replace the remote control battery. Ensure you are within the effective range of the remote.

SPECIFICATIONS

Feature	Detail
Model Number	JLM-01
Power Source	Solar Powered (4,000mAh Battery)
Operating Modes	Timer Control, Light Sensor Control, Manual Control, Remote Control
Safety Feature	Anti-Pinch Safety Protection
Weather Resistance	Waterproof, operates from -15°F to 140°F (-26°C to 60°C)
Material	Aluminum
Item Dimensions (LxWxH)	3 x 3 x 13 inches
Item Weight	3.65 pounds

WARRANTY AND SUPPORT

Lobeline provides a **12-month warranty** on all parts for your Automatic Chicken Coop Door. For any questions, technical assistance, or warranty claims, please contact our customer service team. We are committed to providing the highest standard of customer service and are available 24/7 to assist you.

Note: No official product videos from the seller were available for embedding in this manual.