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MASTERFUN JSM9BK

MASTERFUN Automatic Chicken Coop Door

Model: JSM9BK

1. Product Overview

The MASTERFUN Automatic Chicken Coop Door (Model JSM9BK) is designed to provide a secure and convenient solution for managing your poultry. It features an integrated timer for automated opening and closing, smart obstacle sensors for safety, and a clear LCD display for easy programming. Constructed from durable aluminum alloy, it is built to withstand various weather conditions.

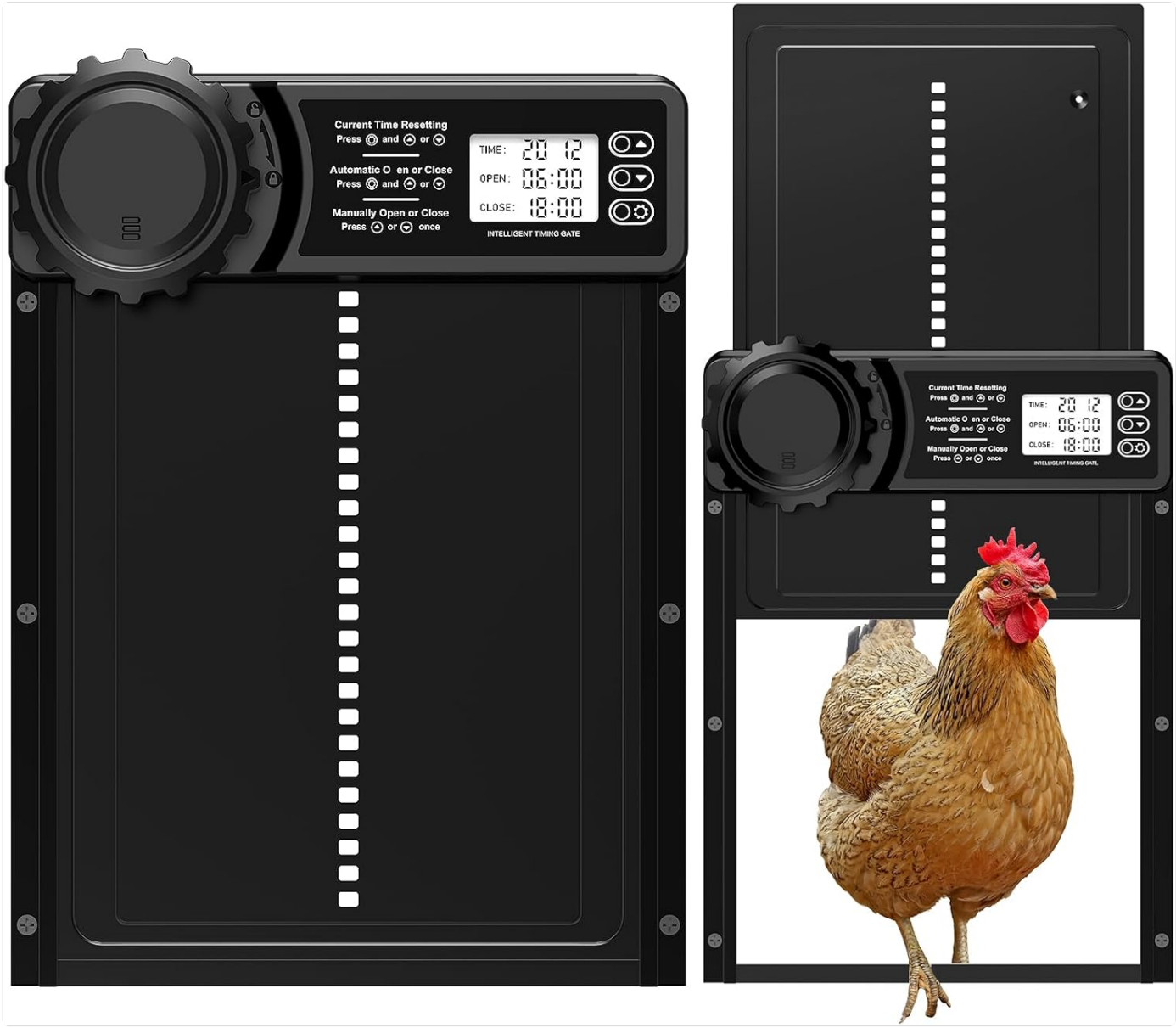


Image 1.1: The MASTERFUN Automatic Chicken Coop Door, showing its control panel and a chicken demonstrating its use.

2. Setup and Installation

2.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts are present:

- Automatic Chicken Coop Door unit
- Mounting screws
- Screwdriver (if included)

2.2 Battery Installation

The device operates on 3 AA alkaline batteries (not included). Battery installation is tool-free.

1. Locate the battery compartment on the control panel.
2. Open the battery compartment cover.
3. Insert 3 AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image 2.1: Illustration of battery installation, highlighting the use of 3 AA alkaline batteries and an approximate 6-month battery life.

2.3 Mounting the Door

The door is designed for tool-free installation on most chicken coops.

1. Choose a suitable location on your chicken coop for mounting. Ensure there is enough space for the door to slide vertically without obstruction.
2. Position the door unit and mark the screw holes.
3. Secure the door unit to the coop using the provided mounting screws.



Image 2.2: Examples of the automatic chicken coop door installed on various coop types, illustrating its wide application.

3. Operating Instructions

3.1 LCD Display Overview

The clear LCD display allows for easy viewing and setting of the current time and scheduled open/close times.



Image 3.1: Detailed view of the LCD control panel, showing current time, open/close settings, and control buttons for easy setup.

3.2 Setting Current Time

To reset the current time:

- Press the **SET** button (often indicated by a gear icon) to enter time setting mode.
- Use the **UP** and **DOWN** buttons (arrow icons) to adjust the hour and minute.
- Press **SET** again to confirm and move to the next setting.

3.3 Programming Automatic Open/Close Times

The integrated timer allows you to set specific times for the door to open and close automatically.

1. Press the **SET** button until the 'OPEN' time setting is displayed.
2. Use the **UP** and **DOWN** buttons to set your desired opening time.
3. Press **SET** to confirm the opening time.
4. The 'CLOSE' time setting will then be displayed. Use the**UP** and **DOWN** buttons to set your desired closing time.

5. Press **SET** to confirm the closing time and exit programming mode.



Image 3.2: The automatic door operating at programmed times, ensuring poultry are secured at night and released in the morning.

3.4 Manual Operation

You can manually open or close the door at any time:

- Press the **UP** button (often labeled 'Open') to manually open the door.
- Press the **DOWN** button (often labeled 'Close') to manually close the door.

3.5 Smart Obstacle Sensor (Anti-Pinch Function)

The door is equipped with an intelligent sensor to prevent injury to your poultry.

- If an obstacle (e.g., a chicken) is detected during closing, the door will stop and briefly rise.
- It will hold in the open position for approximately 10 seconds.
- After 10 seconds, if the obstacle is no longer detected, the door will resume its closing operation.



Image 3.3: Visual explanation of the anti-pinch safety feature, demonstrating how the door pauses and reattempts closing when an obstruction is present.

4. Maintenance

4.1 Battery Replacement

The 3 AA alkaline batteries provide approximately 6 months of operation. Replace batteries when the display indicates low power or when the door's operation becomes inconsistent.

1. Follow the steps in Section 2.2 for battery installation.
2. Dispose of used batteries responsibly according to local regulations.

4.2 Cleaning

Periodically inspect the door and its tracks for dirt, debris, or ice buildup, especially in adverse weather conditions. Clean with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or electronic

components.

4.3 Durability and Weather Resistance

The door is constructed from aircraft-grade aluminum alloy and ABS materials, ensuring durability and resistance to temperatures from -26 °C to 60 °C. It is designed to be weather-proof and waterproof.

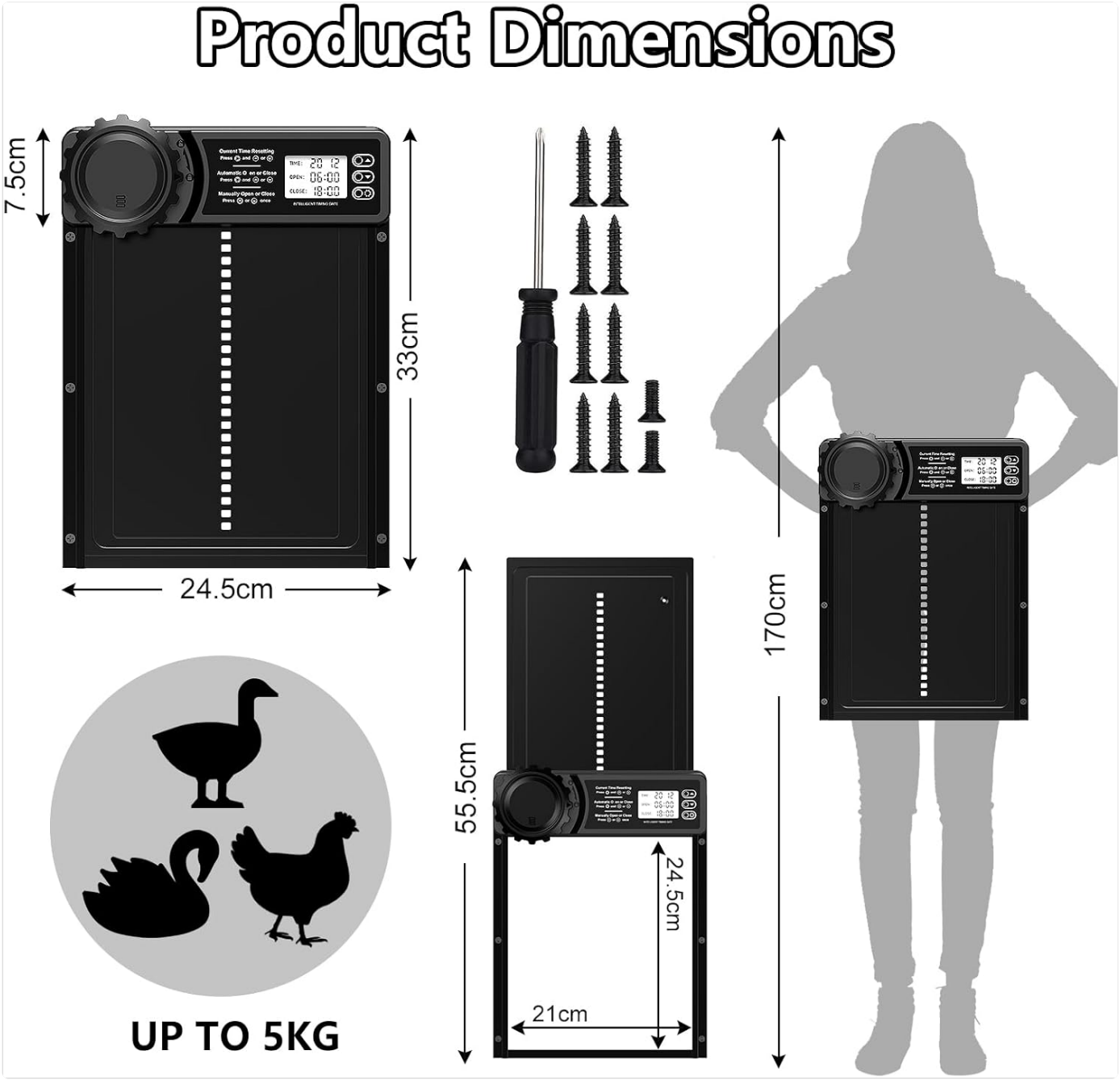


Image 4.1: The door's robust construction, emphasizing its weather-proof and durable features, suitable for various environmental conditions.

5. Troubleshooting

5.1 Door Not Opening/Closing

- **Check Batteries:** Ensure batteries are correctly installed and have sufficient charge. Replace if necessary.
- **Verify Timer Settings:** Confirm that the programmed open and close times are correct and that the current time is accurately set.
- **Obstruction:** Check for any physical obstructions in the door's path or tracks. Clear any debris.

5.2 Anti-Pinch Sensor Issues

- If the door repeatedly stops and reopens without an apparent obstruction, check the sensor area for dirt or damage. Clean the sensor if needed.

5.3 Display Not Working

- **Check Batteries:** A blank or dim display often indicates low battery power. Replace batteries.
- **Reset:** If the display is unresponsive, try removing and reinserting the batteries to perform a soft reset.

6. Specifications

Model Number	JSM9BK
Brand	MASTERFUN
Product Dimensions	33.4 cm (L) x 22.4 cm (W) x 4.3 cm (H)
Weight	880 grams
Material	Aluminum Alloy, ABS
Power Source	3 x AA Alkaline Batteries (not included)
Operating Temperature	-26 °C to 60 °C
Special Features	Anti-pinch sensor, Waterproof, Timer function



Image 6.1: Detailed product dimensions and an illustration of its suitability for various poultry sizes up to 5kg.

7. Warranty and Support

7.1 Returns and Defects

For information regarding returns within 30 days of receipt or issues with defective/damaged products, please refer to the return policy of the retailer where the product was purchased. Specific policies may vary depending on the marketplace.

7.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact the seller directly through your purchase platform for assistance. Provide your order number and a detailed description of the issue for prompt support.

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