MASTERFUN JSM18BK

MASTERFUN Automatic Chicken Coop Door with Camera - User Manual (Model JSM18BK)

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MASTERFUN Automatic Chicken Coop Door with Camera. This device is designed to enhance the safety and convenience of managing your poultry by offering automated door control, remote monitoring, and predator protection features.

Safety Information

- **Read all instructions carefully before installation and use.**
- **Ensure the installation surface is stable and secure to prevent the door from falling.**
- **Keep children and pets away from the moving door to prevent injury.**
- **Do not attempt to modify or repair the device yourself. Contact customer support for assistance.**
- **Use only the provided power accessories or approved replacements.**
- **Ensure proper ventilation if installing in an enclosed space.**
- **The anti-pinch safety feature is designed to minimize harm but should not be solely relied upon to prevent injury. Always supervise during initial operation.**

Package Contents

Verify that all items are present in the package:

- Automatic Chicken Coop Door Unit with Camera
- 7W Solar Panel
- Remote Control
- 5000mAh Rechargeable Battery
- Bracket for Solar Panel
- Door Fixing Screws
- Type-C Charging Cable
- Charging Cable (for solar panel connection)
- User Manual (this document)



Image: All components included in the package, such as the main door unit, solar panel, remote, battery, and various cables and screws.

Setup Instructions

1. Installation Location

Choose a suitable location on your chicken coop for the door. The roll-up design allows for flexible installation without requiring extra vertical clearance above the door opening.



Image: The roll-up design of the chicken coop door, which saves space compared to traditional lifting doors.

2. Mounting the Door Unit

1. Position the door unit over the coop opening. Ensure it is level and securely aligned.
2. Mark the drilling points for the door fixing screws.
3. Drill pilot holes if necessary, then attach the door unit to the coop using the provided screws.

3. Power Options

The chicken coop door offers multiple power options for continuous operation:

- **Solar Powered:** Connect the 7W solar panel to the door unit. Mount the solar panel in a location that receives direct sunlight for optimal charging of the 5000mAh battery.
- **Direct Plug-in:** For coops with nearby power outlets, the door can be powered directly using a USB charger and the provided Type-C charging cable.
- **Rechargeable Battery:** The integrated 5000mAh battery provides backup power and can be removed for charging if needed.



Image: Illustration of the three charging methods: solar panel, direct plug-in, and the removable 5000mAh battery.

4. App and WiFi Connection

To utilize smart features, download the companion app to your smartphone. The device supports 2.4G WiFi networks only. Ensure your WiFi network is 2.4G for successful connection.



Image: App interface demonstrating remote control and live view, confirming 2.4G WiFi compatibility.

Operating Instructions

1. Remote Control Operation

The included remote control allows for manual opening and closing of the door from up to 15 meters (49 feet) away. Press the appropriate buttons on the remote to operate the door.

Your browser does not support the video tag.

Video: Demonstration of the chicken coop door being opened and closed using the remote control, highlighting its functionality even without the solar panel connected.

2. App Control and Scheduling

The smartphone app provides comprehensive control and monitoring features:

- **Remote Open/Close:** Open or close the door from anywhere using the app.

- **Scheduling:** Set daily schedules for automatic opening and closing times. The door will operate according to your programmed schedule.
- **Real-time Status:** Check the current status of the door (open/closed) directly from the app.
- **Live View & Talk:** Access the 1080P HD camera feed to view your coop surroundings. The built-in talk feature allows for two-way communication.
- **Sharing Access:** Share app access with family members or neighbors for collaborative management.



Image: Remote monitoring and two-way talk feature via the app, allowing users to check on their chickens from anywhere.

3. Anti-Pinch Safety Feature

The door is equipped with an anti-pinch safety mechanism. If the door encounters an obstruction (e.g., a chicken) during closing, it will gently reverse its movement. If blocked multiple times, an alarm will trigger, and an app notification will be sent.



Image: Visual explanation of the anti-pinch safety feature, showing the door reversing upon contact and sending alerts.

4. Predator Alerts and Night Vision

The integrated 1080P HD camera with night vision provides 24/7 surveillance. When motion is detected at night, the system can trigger an alarm, capture photos, and send instant app notifications to deter predators and inform you of activity.



Image: The smart security system detecting a predator with PIR motion detection, triggering an alarm, and sending app notifications with snapshots.

5. Data Storage

The camera supports two storage methods for photos and videos:

- **Phone Storage:** Photos and videos can be saved directly to your smartphone via the app.
- **TF Card Storage:** The device supports TF cards up to 128 GB (not included) for local video storage.

Maintenance

1. Cleaning

Regularly clean the door tracks and the camera lens to ensure smooth operation and clear image quality. Use a soft, damp cloth for cleaning. Avoid abrasive cleaners.

2. Battery Care

Ensure the solar panel is free from obstructions (e.g., snow, debris) to maintain optimal charging efficiency. If using direct plug-in, ensure the connection is secure and protected from moisture.

3. Weather Resistance

The door is designed for year-round outdoor use in temperatures ranging from -15°C to 60°C (5°F to 140°F). While weatherproof, extreme conditions may affect performance. Ensure the solar panel is clear of snow in winter for continuous charging.



Image: The chicken coop door's ability to function in diverse weather conditions, from sunny to snowy.

Troubleshooting

1. Door Not Opening/Closing

- Check power supply: Ensure the battery is charged, solar panel is receiving sunlight, or direct power connection is secure.
- Verify app schedule: Confirm that the set opening/closing times are correct.

- Check for obstructions: Clear any debris or objects from the door tracks or opening.
- Remote control: Ensure the remote control battery is functional and you are within the 15-meter range.

2. Anti-Pinch Feature Not Working

- Ensure the door tracks are clean and free of debris that might interfere with sensor operation.
- Test the feature by gently placing an object in the door's path during closing. If it does not reverse, contact customer support.

3. WiFi Connection Issues

- Confirm your WiFi network is 2.4G. The device does not support 5G WiFi.
- Ensure the device is within range of your WiFi router.
- Restart your router and the chicken coop door unit, then attempt to reconnect via the app.

4. Camera Not Displaying Image/Video

- Check WiFi connection status in the app.
- Ensure the camera lens is clean and unobstructed.
- Verify that the device has sufficient power.

Specifications

Feature	Detail
Brand	MASTERFUN
Model Number	JSM18BK
Product Dimensions	7.9"L x 5"W x 9.4"H
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Solar Powered, USB Direct Plug-in, 5000mAh Rechargeable Battery
Camera Resolution	1080P HD with Night Vision
Connectivity	2.4G WiFi (5G not supported)
Special Features	Anti-pinch safety, Roll-up design, Timer, APP control, WiFi, Camera, Smart Alerts
Operating Temperature	-15°C to 60°C (5°F to 140°F)
Remote Control Range	Up to 15 meters (49 feet)
Storage Options	Phone storage, TF Card (up to 128GB, not included)
Target Species	Chicken

Warranty and Support

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official MASTERFUN website. Keep your purchase receipt for warranty claims.

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

Answered questions about this manual

What is the name of the app that runs the MASTERFUN JSM18BK Automatic Chicken Coop Door? I accidentally deleted it and no longer have the manual. Can you send me a QR code for the app?

The manual for the MASTERFUN JSM18BK Automatic Chicken Coop Door with Camera states that to utilize its smart features, you need to "download the companion app to your smartphone." However, the specific name of...

Read full answer