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> IBKINXX Automatic Chicken Coop Door User Manual

IBKINXX BSV-AD002

IBKINXX Automatic Chicken Coop Door User Manual

Model: BSV-AD002

PRODUCT OVERVIEW

The IBKINXX Automatic Chicken Coop Door is designed to provide a convenient and secure solution for managing your poultry. This solar-powered door features a timer, light sensor, remote control, and an LCD display for easy operation. Constructed from durable aluminum alloy, it offers anti-pinch protection and is weatherproof, ensuring reliable performance in various conditions. It also includes a USB backup charging option for continuous functionality.



Image: The complete IBKINXX Automatic Chicken Coop Door system, including the main door unit, solar panel, remote control, and USB charging cable.

KEY FEATURES

- **Spacious Opening:** Features an upgraded opening of 9.45" x 10" to allow free movement for poultry.
- **Automated Operation:** Opens at sunrise and closes at sunset automatically, providing hassle-free flock management.
- **Multiple Automatic Modes:** Offers 4 customizable settings including timed, light-sensitive, or a combination of both.
- **Enhanced Protection:** Automatically opens for airflow during the day and securely closes at night to deter predators.
- **Durable Construction:** Built with aluminum alloy to withstand rain, wind, sun, and extreme temperatures.
- **Safety Features:** Includes an anti-pinch function that reverses the door if an obstruction is detected, and a built-in intrusion alarm.
- **Dual Charging Options:** Solar-powered with a Type-C USB port for backup charging.

WHAT'S IN THE BOX

The product package includes the following components:

- Chicken door unit
- Remote control
- User manual
- Solar panel
- USB cable



Image: All included components: the main door, solar panel, remote, and cables.

SETUP AND INSTALLATION

Before installation, ensure the unit has sufficient battery charge. The battery icon on the LCD screen will flash if the battery is low. Fully charge the unit before initial use.

1. **Prepare the Opening:** Outline the area where the door will be installed on your chicken coop. The recommended opening size is approximately 9.45 inches wide by 10 inches high.
2. **Create the Opening:** Use appropriate tools to cut out the outlined area in your chicken coop.
3. **Mount the Door:** Position the chicken door unit over the opening and secure it using the provided screws. Ensure it is mounted firmly and level.
4. **Install Solar Panel:** Mount the solar panel in an area that receives maximum direct sunlight throughout the day. The solar panel comes with a long cable (9.84 feet) to allow flexible positioning.
5. **Connect Solar Panel:** Connect the solar panel cable to the main chicken door unit.
6. **Initial Charge:** If the battery is low, connect the USB cable to the unit and a power source to fully charge it before first use.



Image: Visual guide showing the four steps of installation: outlining, cutting, securing, and completion.

ANTI-PINCH PROTECTION



Intelligent sensor system



Image: Illustration of the solar panel charging and Type-C USB charging options for the door.

OPERATING INSTRUCTIONS

Understanding the Modes

The IBKINXX Automatic Chicken Coop Door offers four automatic modes to suit your needs. You can switch between these modes by short pressing the 'M' key on the control panel.

RELIABLE IN ANY WEATHER

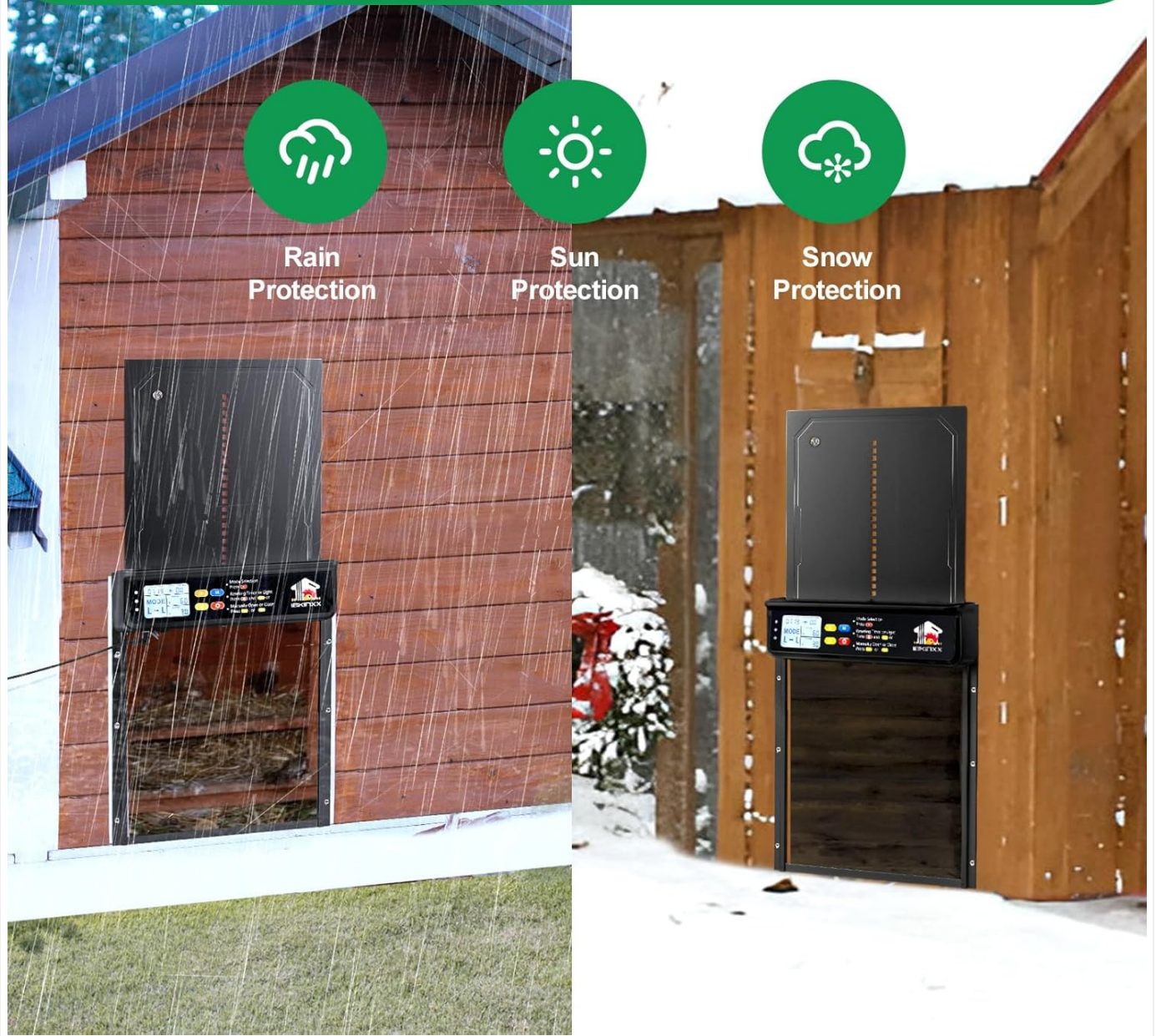


Image: A table illustrating the four operational modes: Timer-Timer (T-T), Light Sensor-Timer (L-T), Timer-Light Sensor (T-L), and Light Sensor-Light Sensor (L-L).

- **T-T (Timer-Timer):** The door opens and closes based on set times.
- **L-T (Light Sensor-Timer):** The door opens based on light sensor detection (sunrise) and closes based on a set time.
- **T-L (Timer-Light Sensor):** The door opens based on a set time and closes based on light sensor detection (sunset).
- **L-L (Light Sensor-Light Sensor):** The door opens and closes based on light sensor detection (sunrise and sunset).

Setting the Timer and Light Sensing Values

To configure the opening/closing times or light sensing values:

1. **Automatic Mode Selection:** First, select your desired automatic mode (T-T, L-T, T-L, L-L) using the 'M' button.
2. **Set Opening/Closing Time/Light Sensing Value:** Press the 'Set' key. Then, use the "Up" or "Down" buttons to increase or decrease the value for the opening/closing time or light sensitivity threshold.
3. **Set Local Current Time:** Press the 'Set' key again. Use the "Up" or "Down" buttons to adjust the current local time on the display.



Image: A visual guide detailing the steps to set the timer and light sensor values on the control panel.

Manual Operation

The door can also be opened or closed manually using the control panel or the remote control.

- On the control panel, press the "Up" arrow button to manually open the door.
- Press the "Down" arrow button to manually close the door.
- The remote control provides the same manual open/close functionality.

SAFETY FEATURES

The IBKINXX Automatic Chicken Coop Door is equipped with advanced safety features to protect your flock and provide peace of mind.

- **Anti-Pinch Function:** If the door encounters an obstruction, such as a chicken, during closing, it will automatically reverse its direction to prevent injury.
- **Intrusion Alarm:** A built-in alarm will sound if the door is forced open, alerting you to potential predators and scaring them away.

DUAL CHARGING OPTIONS

Solar Power or Type-C for Ultimate Flexibility!

Solar Powered

9.84 feet cable enables to position the solar panel in area with the most sunlight

Type-C Charging

Built-in 2200mAh battery stores solar energy continuously, with a Type-C cable for backup

Image: Diagram illustrating the anti-pinch mechanism, showing the door reversing upon sensing an obstruction.

MAINTENANCE

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

- **Cleaning:** Periodically clean the door tracks and the main unit to prevent debris buildup that could hinder operation. Use a soft, damp cloth. Avoid abrasive cleaners.
- **Solar Panel:** Keep the solar panel clean and free of dust, dirt, or snow to ensure efficient charging.
- **Battery Check:** Monitor the battery indicator on the LCD display. Ensure the unit is adequately charged, especially during periods of low sunlight.
- **Obstruction Check:** Regularly check the path of the door for any potential obstructions that could trigger the anti-pinch mechanism or prevent full closure.
- **Weather Protection:** While the door is weatherproof, ensure proper installation to minimize exposure to extreme elements where possible.

TROUBLESHOOTING

If you encounter issues with your IBKINXX Automatic Chicken Coop Door, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Door not opening/closing	Low battery; Obstruction in path; Incorrect mode/timer settings.	Check battery level and charge if necessary. Clear any obstructions. Verify mode and timer/light sensor settings.
Solar panel not charging	Solar panel is dirty or obstructed; Not enough direct sunlight; Loose connection.	Clean the solar panel surface. Relocate the panel to an area with more direct sunlight. Check the cable connection between the panel and the door unit.
Anti-pinch feature constantly activating	Debris in the door track; Sensitivity setting too high (if adjustable); Chickens lingering in the doorway.	Clean the door tracks thoroughly. Observe chicken behavior around the door.
Remote control not working	Remote battery dead; Out of range; Interference.	Replace remote control battery. Ensure you are within effective range.

If the problem persists after attempting these solutions, please contact customer support.

SPECIFICATIONS

Specification	Detail
Model Number	BSV-AD002
Brand	IBKINXX
Material	Aluminum Alloy
Color	Black
Item Dimensions (LxWxH)	9 x 1.5 x 13 inches
Item Weight	2.99 pounds
Door Opening Size	9.45" x 10" (approximate)
Power Source	Solar Powered with Type-C USB Backup
Special Features	Timer, Light Sensor, Remote Control, LCD Display, Anti-Pinch, Weatherproof
Breed Recommendation	Chicken, Duck, and Poultry Under 10 Pounds

WARRANTY AND SUPPORT

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

The manufacturer, IBKINXX, is committed to providing reliable products and customer satisfaction.

This manual is for informational purposes only. Specifications are subject to change without notice.