

TIMEBAL CCD02

TIMEBAL Automatic Chicken Coop Door

MODEL CCD02 USER MANUAL

1. Product Overview

The TIMEBAL Automatic Chicken Coop Door Model CCD02 is designed to provide a secure and convenient solution for managing poultry access to their coop. It features multiple operating modes, including timer-based and light-sensing automation, along with an essential anti-pinch safety mechanism. This door is suitable for chickens, ducks, geese, and rabbits weighing up to 12 pounds.

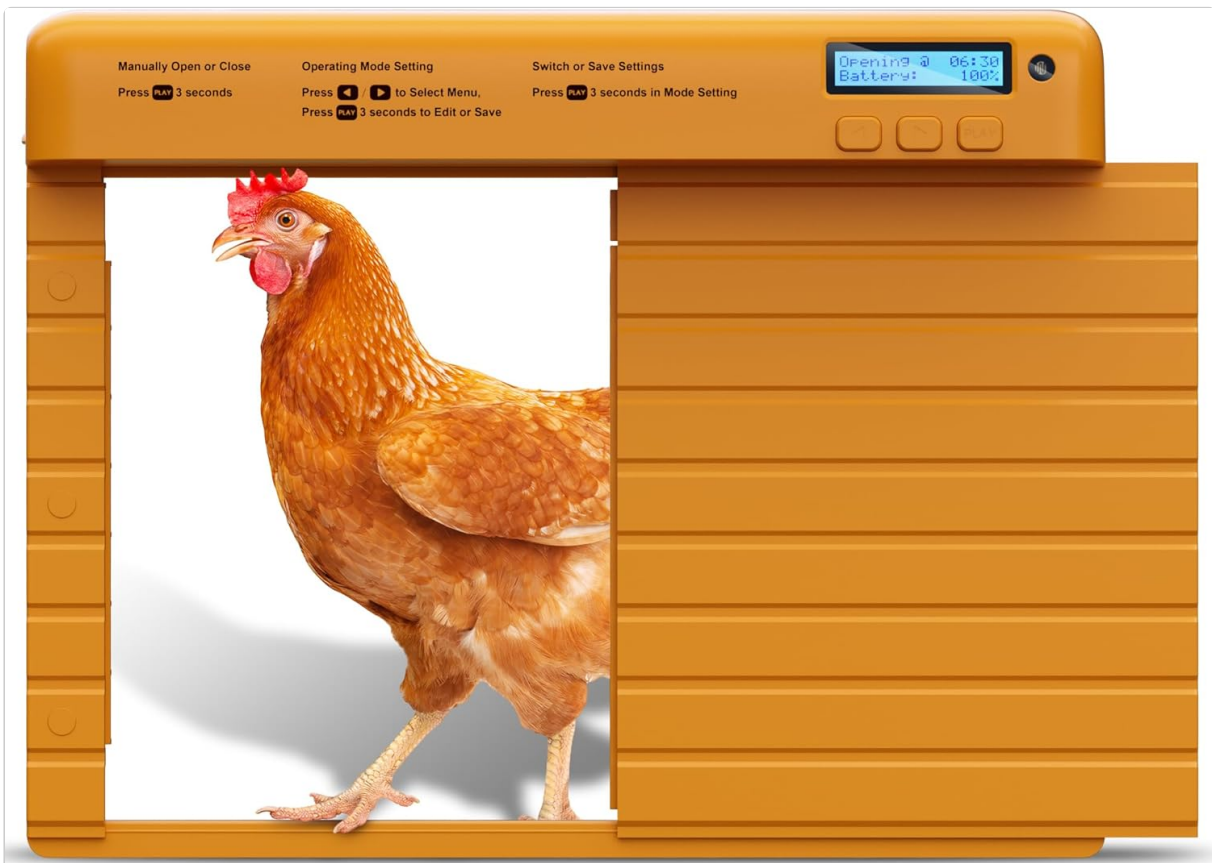


Image 1.1: Front view of the TIMEBAL Automatic Chicken Coop Door, illustrating the control panel with its display and buttons, and a chicken interacting with the open door.

2. Safety Information

Please read all safety instructions before operating the device to ensure proper function and prevent injury.

- **Anti-Pinch Feature:** The door is equipped with a pressure sensor. If an obstruction is detected during closing, the door will reverse and attempt to close again. After four unsuccessful attempts, it will remain open to prevent harm to animals.
- Ensure the installation area is clear of debris that could interfere with door operation.
- Keep children and unauthorized personnel away from the door during operation.
- Do not attempt to force the door open or closed manually while it is operating automatically.



Image 2.1: Visual representation of the anti-pinch safety feature, demonstrating how the door detects an obstruction and reopens to protect poultry.

3. Package Contents

Verify that all components are present before beginning installation:

- Automatic Chicken Coop Door Unit (Model CCD02)
- Mounting Cardboard (for alignment)
- Installation Screws and Tools

- User Manual
- Power Adapter (for wired power option)

4. Setup and Installation

Installation typically takes 10-15 minutes. The mounting cardboard assists with accurate positioning.

1. **Prepare the Coop Opening:** Use the provided mounting cardboard as a stencil to mark and cut an opening in your chicken coop. The recommended opening dimensions are approximately 7.57 inches wide by 9.84 inches high.
2. **Position the Door Unit:** Place the automatic door unit over the prepared opening, ensuring it is level and flush against the coop wall.
3. **Secure the Door:** Use the provided screws and tools to firmly attach the door unit to the coop wall.
4. **Power Connection:**
 - **Battery Power:** Insert 4 AA batteries (not included) into the battery compartment. The pull-cord design facilitates easy battery replacement.
 - **Wired Power:** Connect the provided power adapter to the door unit and plug it into a suitable outdoor power outlet. The power cable is approximately 6.6 feet long.



Image 4.1: Step-by-step guide for installing the automatic chicken coop door, from marking the opening to securing the unit.

Thoughtful Design



Image 4.2: Detailed view of the door's thoughtful design, highlighting the dual power options (wired and battery), the convenient pull-cord for battery access, and the clear display screen.

5. Operating Instructions

The door features an electric LCD screen and straightforward buttons for easy programming and operation.

Multiple Modes For You

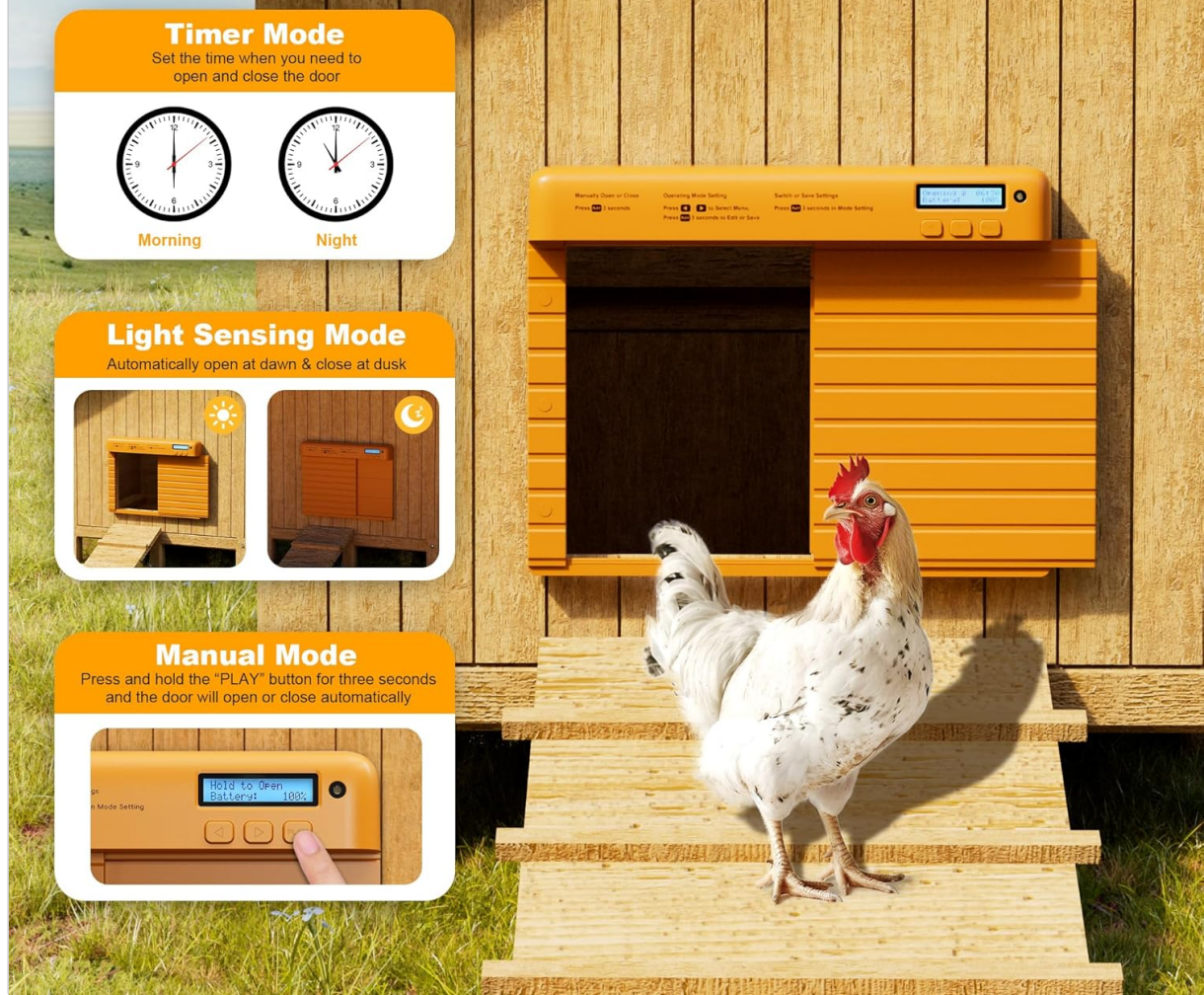


Image 5.1: Overview of the three primary operating modes: Timer, Light Sensing, and Manual, each with a brief description.

5.1. Control Panel Buttons

- **Left Button** (◀): Used to navigate menus or decrease values. Press for 3 seconds to select a menu item.
- **Right Button** (▶): Used to navigate menus or increase values. Press for 3 seconds to edit or save settings.
- **Play Button** (▶): Manually open or close the door. Press for 3 seconds to activate.

5.2. Operating Modes

1. Timer Mode:

Allows you to set specific times for the door to open and close. This ensures your poultry are secured at night and released in the morning at consistent times.

- Navigate to 'Timer Mode' on the LCD screen using the left/right buttons.
- Press and hold the right button (▶) for 3 seconds to enter settings.
- Set the desired opening time (e.g., 06:00 AM) and closing time (e.g., 08:00 PM).
- Confirm and save your settings.

2. Light Sensing Mode:

The door automatically opens at dawn and closes at dusk based on ambient light levels. This mode adapts to seasonal changes in daylight.

- Navigate to 'Light Sensing Mode' on the LCD screen.
- Press and hold the right button (▶) for 3 seconds to activate or adjust sensitivity if available.
- The door will now operate based on detected light levels.

3. **Manual Mode:**

Provides immediate control over the door's operation, allowing you to open or close it on demand.

- Press and hold the 'Play' button (▶) for 3 seconds. The door will either open if closed, or close if open.

6. Maintenance

6.1. Battery Replacement

If using battery power, the LCD screen will display the battery level. When the battery is low, replace the 4 AA batteries. The pull-cord design allows for easy access to the battery compartment.

6.2. Cleaning

Periodically clean the door and sensor area to ensure smooth operation and accurate light detection. Use a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals.

6.3. Weather Resistance

The TIMEBAL Automatic Chicken Coop Door is designed to be weather-resistant, operating effectively in temperatures ranging from -78°F to 140°F. It is waterproof and predator-proof, providing reliable performance in various outdoor conditions.



Image 6.1: Illustration of the door's durability, showcasing its ability to withstand extreme temperatures, water, and deter predators.

7. Troubleshooting

- **Door Not Opening/Closing:**
 - Check battery level or wired power connection.
 - Ensure no obstructions are blocking the door path.
 - Verify that the operating mode (Timer, Light Sensing) is correctly set and activated.
- **Anti-Pinch Feature Activating Frequently:**
 - Inspect the door path for any persistent obstructions or debris.
 - Ensure animals are not lingering in the door's path during closing times.
- **Inaccurate Light Sensing:**
 - Clean the light sensor to remove dirt or dust.
 - Ensure the sensor is not directly exposed to artificial light sources at night or heavily shaded during the day.
- **Display Not Working:**

- Check power supply (batteries or wired connection).
- If the issue persists, contact customer support.

8. Specifications

Feature	Detail
Model Number	CCD02
Brand	TIMEBAL
Item Weight	3 Pounds
Product Dimensions (LxWxH)	13.58" x 2.68" x 17.32"
Material	Plastic
Color	Orange
Power Source	Battery Powered (4 AA batteries) or Wired (Power Adapter)
Operating Temperature	-78°F to 140°F
Special Features	Timer, Light Sensor, Anti-Pinch, Weather Resistant
Breed Recommendation	Chicken, Rabbit, Duck, Goose (up to 12 lbs)

9. Warranty and Support

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact the seller directly.

For technical support, troubleshooting assistance, or inquiries regarding your TIMEBAL Automatic Chicken Coop Door, please contact TIMEBAL customer service through the retailer where the product was purchased.