

Automatic Chicken/Animal Coop Door

User Manual

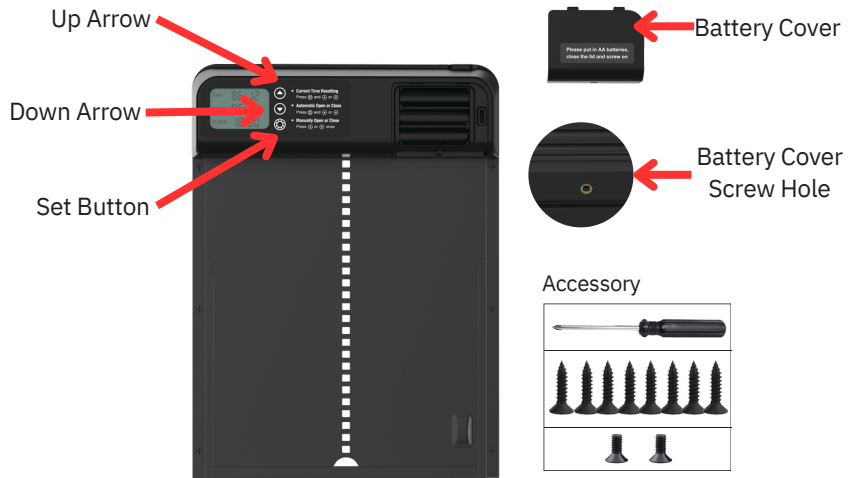
Product model: PFS-155, GK 4201058
Product size: 9.6in x 12.9in x 2in (244mm x 328mm x 50mm)
Product main material: ABS+aluminum alloy
Power supply mode: Three (3) AA batteries



Best used during temperatures between: 59 - 140°F (15-60 °C). For use outside of this temperature range, please use manual mode to open and close the door!



The product needs to be cleaned regularly. Make sure to clean the track and door plate for any dirt and debris. (Recommended weekly or as needed). This is important for any mud and dirt that accumulate during use from your animals. Debris can and may disrupt the door opening.



Installation

- 1. Choose Installation Site:** Select an appropriate location on your chicken coop and draw the layout on the wood where the door will be installed. Use the door's dimensions to guide your drawing.
- 2. Cut and Secure:** Remove any excess wood and align the door frame. Secure the door using the provided screws, ensuring it is mounted evenly and securely.

Setting Up the Door

- 3. Install Batteries:** Open the battery compartment with a screwdriver, insert three (3) AA batteries correctly, and close the compartment. The device will power up automatically.
- 4. Set Local Time:**
 - Press the [SET] button to start.
 - Adjust hours and minutes using ▲ and ▼. Confirm each by pressing [SET].
- 5. Program Door Timings:**
 - Opening Time: Press [SET] until the second row flashes. Adjust the opening hours and minutes using ▲ and ▼. Confirm each by pressing [SET].
 - Closing Time: Follow the same steps in the third row for setting the closing time.
- 6. Finalize Settings:** After adjustments, wait 5 seconds for the display to stop flashing, indicating settings are saved. If no buttons are pressed within 10 seconds, the display dims to conserve battery.

Daily Use / Maintenance

- 7. Manual Operation:** If not setting a specific time, use ▲ or ▼ directly to manually control the door's movement.
- 8. Emergency Stop:** To halt the door immediately, press ▲ or ▼.
- 9. Clearing a Jam:** If the door is stuck, manually adjust the door to clear debris. Test functionality by manually triggering the door using ▲ or ▼.
- 10. Battery Monitoring:** Be alert to the low battery indicator. Replace batteries promptly when the warning flashes to ensure continuous operation.

Modes of Operation

- 1. Timed Automatic Door:** The door opens and closes at set times automatically.
- 2. Manual Override:** Allows manual control for opening and closing the door.

Safety Features

- Anti-Trap Function:** Equipped with an advanced locking identification function (IC), the door prevents injury to animals by automatically stopping if an obstruction is detected.
- Operation:** Upon encountering an obstacle during descent, the door will:
 - Immediately stop and rise slightly to avoid injuring the trapped animal or removing debris.
 - Pause for 10 seconds to allow for clearance.
 - Attempt to close again after 10 seconds. If the obstacle remains, it will repeat this process up to three times. If still obstructed, the door remains open, and the cycle will test every two hours until the next scheduled opening.
- Durability and Environmental Resistance:** Constructed from durable aluminum alloy, ensuring longevity and resistance to wear.
- Waterproof Design:** Rated IPX4, providing protection against rain, ensuring that electronics remain safe from water ingress.
- Energy Efficiency:** Low-Power Consumption: The door's efficient energy use allows for operation exceeding 360 days on a single set of batteries (excluding R6 type).

Usage Suggestions

Battery Recommendations: Use only high-quality AA batteries or size 5# to ensure optimal performance and longevity of the door mechanism.

Long-term Shutdown: If not using the door for an extended period, remove the batteries to prevent drainage and store safely.

Maintenance: Regularly clear any foreign objects or debris from around the chicken door to ensure smooth operation.

Installation Tips: Ensure that the door is installed vertically and securely fixed to the ground. Tighten all screws properly to prevent any operational issues due to an inclined or unstable installation.