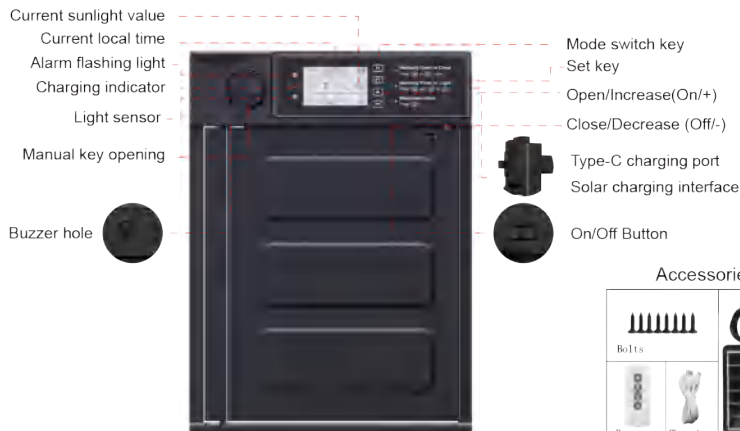


Chicken Coop Door User Manual



Product specification

Name: Second generation switch chicken door Model: PFS-169
Size: 14.92*11.02*3.97inch Main material: ABS+ aluminum alloy
Battery: Built-in 2000MAH battery, or 4000MAH or 5000MAH
Charging mode: Charging voltage: 5V, Electric current: >500MA, it can be charged with solar panel included, USB Type-C charger and power bank. Charging plug is not included.



1. The product applicable temperature: 60 °C ~ -15 °C;
For use at temperatures outside this range, please use manual mode to open and close the door!
2. The product needs to regularly clean up the track and door plate dirt (recommended weekly cleanup)! Especially products in the rain and snow after the weather, please be sure to timely clean up the track and the door plate on both sides of the mud and dirt, to prevent the mud and sand adhere to the track and the door plate area, affecting the normal opening and closing of the door!

How to use

1. Installation: Select the location on the chicken coop where the chicken door needs to be placed, and draw the corresponding construction drawing on the wooden board of the chicken coop according to the size of the product. After cutting off the excess wooden board, align and secure the product with the provided screws.
2. Power on: There is a power switch on the lower right side, which can be turned on by pulling it to the left; Pull to the right to turn off.
3. Set the opening and closing time and local time: the time is displayed in 24-hour format. Short press the setting key (⚙️) to set the door opening and closing time, and the corresponding time number on the display screen will flash one by one for each short press of the setting key (⚙️). Pressing the up key (▲) or down key (▼) arrow can increase or decrease the time number.
4. Selection mode: The default startup mode is Timed On Timed Off (T-T); Short press the mode key (M) once to switch to three other modes: L-L (light sensitivity on light sensitivity off), L-T (light sensitivity on time off), T-L (time on light sensitivity off). It is recommended to prioritize the T-T (timed on timed off) mode.
5. Set the opening and closing time or light sensitivity value: After selecting the mode, press the setting key (⚙️) briefly to set the opening and closing time or light sensitivity value (⚙️); The corresponding number on the display screen will flash one by one for each short press of the setting key (⚙️). Pressing the up key (▲) or down key (▼) arrow can increase or decrease the number. The setting of light sensitivity value (⚙️) can refer to the current light sensitivity value (⚙️).
6. After setting the time for 5 seconds, the number will no longer flash and the machine will enter automatic door opening and closing mode. If no buttons are touched within 40 seconds, the display screen will turn off and the machine will enter power-saving mode. Note: The door opening light sensitivity value (⚙️) is greater than the door closing light sensitivity value (⚙️).
7. Power off mode: When the product runs out of power due to uncontrollable factors, one hand needs to press the electromagnetic lock at the bottom right of the host (right side of the power switch), and the other hand needs to turn the knob on the left side of the front of the host to open and close the door. Clockwise rotation is used to close the door, and counterclockwise rotation is used to open the door.
8. Long press the mode button for 3 seconds to initialize the value, and the set local time remains unchanged; When in mode (T-T) and the door opening and closing time is set to the same time, the machine will default to manual door opening and closing mode or remote door opening and closing mode.

9. Manual door opening and closing: When the setting key (⚙️) is not enabled, press the up key (▲) or down key (▼) arrow on the right side of the display screen directly to rotate the door clockwise or counterclockwise. During the process of opening or closing the door, pressing the up or down arrow keys again will stop the door from running. You can also press the up key (▲) and down key (▼) arrows on the remote control to perform the corresponding operation of opening and closing the door.
10. Use of remote control: Within a range of less than 15 meters from the machine, short press the up and down arrow keys on the remote control to open and close the door. Short press the alarm mode button (🔊) once, and the machine will sound twice (beep) to activate the alarm function; Short press the alarm mode key (🔊) once, and the machine will sound once (beep) to turn off the alarm function.
11. Emergency braking: The product itself has an anti pinch function. If you need to make the running door emergency stop, manually press the up key (▲) or down key (▼) arrow keys once.
12. Handling of door stuck: If the door is stuck and cannot move, the stuck foreign object can be cleaned and tested manually by pressing the up or down arrow. After testing without errors, calibrate the opening and closing time, and the rear door will automatically close or open at the designated time.
13. Shutdown: When the machine is not used for a long time, the power must be turned off, and the power switch is located below the right side of the host.
14. Low battery warning: Pay close attention to the battery level frequently. When the battery level is low, the battery symbol (🔋) in the upper right corner of the display screen will flash when it lights up. When the display screen is off, the machine will emit a beeping alarm sound, which lasts for 3 seconds. After seeing or hearing the warning, please check the charging status of the solar panel in a timely manner. If it fails to charge properly, please adjust the lighting direction of the solar panel. If the solar light intensity is not enough, you can unplug the charging cable of the solar panel and use a 5V 1A or higher charger to charge the machine. To avoid disrupting the normal use of the door due to movie noise.

Performance introduction

1. Three operating modes: timed or light sensing automatic door opening and closing mode, manual door opening and closing mode, and power-off door opening and closing mode.
2. Anti pinch function: The machine is equipped with a blockage recognition function IC. When a chicken is caught during the door closing process, the door will automatically stop closing to prevent injury or death to the chicken or animal. The specific operation mode is as follows: When the door encounters an obstacle during the closing process, the machine will automatically recognize the obstacle, and the door will rotate for about 3 seconds, remaining stationary for 10 seconds; Rotate the door again after 10 seconds, and if any obstacles are removed, the door will be completely closed. If the obstacle cannot be removed, the door will repeat the same steps three times and stay in the stuck area; If the door fails to close properly, it will be detected again every two hours and the above procedure will be repeated until the opening time is reached or the light control induction is activated.
3. Door opening exception handling: If an obstacle gets stuck when the opening angle is less than 90 ° during the door opening process, the door will sound an alarm for 30 seconds. After half an hour, the rear door will attempt to open again. This process is detected four times, and the fourth time it will remain in its original position, assuming that the door is successfully opened.
4. Abnormal door opening and closing alarm function
 - 1) If the door cannot be closed properly when it is time to close, the red light will continue to flash and the alarm will sound beep+beep. The warning sound (beeping every 1 second) beeps every two hours for 30 seconds until the door is closed.
 - 2) After closing the door, external force forces the door to open (such as animals opening the door, etc.); Will continuously flash red light alarm and emit continuous beeps. The alarm sound (without interval) will beep every half hour for 30 seconds until the door is closed.
5. Multiple charging methods: It is equipped with high-performance 3.3W or 7W solar panels as standard, and a 3-meter USB Type-C charging cable, making it convenient to move the solar panels for efficient energy storage. You can also use a standard USB Type-C adapter or mobile power supply to charge the machine.
6. Remote control function: The product is equipped with a remote control, which can remotely open and close doors and set abnormal door opening and closing alarm functions. The remote control distance can reach about 15 meters.

Suggested Use

1. When installing the Chicken Coop Door, install it perpendicular to the ground, and tighten the screws firmly. Tilt installation or unfixed screws will affect the normal operation of the product.
2. To avoid abnormal operation of the chicken door, please clean foreign bodies or obstacles around the door regularly.
3. When installing the solar panel, it should be facing the sunlight to avoid obstructions blocking the sun light, but also often adjust the orientation of the solar panel, so that the solar panel maximize the absorption of solar energy.

Tips:

1. Please read the user manual carefully before using the product for the first time.
2. When purchasing multiple chicken doors, to prevent confusion with the remote control, you can choose to pair the remote control. Before pairing, please mark the paired remote control. The pairing method for the remote control is as follows: long press the door close button (▼) of the chicken door, and at the same time turn on the power switch (🔋) to enter pairing mode (the indicator light quickly flashes red). Then, simultaneously hold down the door open button and door close button of the remote control for 3 seconds to pair. After successful pairing, the flashing red indicator light will turn into a slow button and flash for 2 seconds before turning off to indicate successful pairing. If there is no operation within 30 seconds, it will automatically exit pairing mode.
3. Before use, observe the display screen to see if there is enough battery (the battery icon in the upper right corner of the screen flashes when the battery is low). If the battery is low, please fully charge it before use. If the product is not used for a long time, please turn off the power switch. Charge the battery every 2-3 months to ensure its activity.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.