



Open Light

- Adjust the numerical values of lumen to open the door under the light sensor working mode.
- Press **▲** / **▼** to adjust the numerical values. (15-23)



Close Light

- Adjust the numerical values of lumen to close the door under the light sensor working mode.
- Press **▲** / **▼** to adjust the numerical values. (0-14)



Save The Setting

- Means you can save the setting. Press **☺** to save, the interface will back to the initial and the controller will work.

Tips:

- For the sunlight setting mode, open range is 15-23, close range is 0-14. 0 being completely dark and 23 being completely light.
- If "Error" is displayed on the screen during use, please check the "ERROR CODES" and troubleshoot.
- If the red warning light flashes frequently, it means that there is an error in the chicken door. Please press the menu button to wake up the screen to view the error code.
- If you change the batteries, please reset the current time after the door finishing self-check.
- More details please check FAQ and videos.



Close Time

- Means you can set the time to close the door.
- Press **☺** button to switch from setting hours to minutes. Press **▲** / **▼** to adjust the values.



Operating Mode

- Means you can choose an apposite operating mode.
- Press **▲** to adjust the mode.
- Timer turn on, Timer turn off.
- Light turn on, Timer turn off.
- Light turn on, Light turn off.

Part F Trouble Shooting

Error code	Display	Reason	Solution
Error 01	Motor Error!	1.Motor failure	Return to factory for repair
		2.Counting sensor failure	Return to factory for repair
Error 02	Line On Teeth!	1.Line wound on gear	Open the panel. Long press the down button ▼ or up button ▲ to turn the gear. After finding the winding position, untie the line from the gear. Press the menu button ☺ to clear the error. Then the door will self-check once and return to normal.
		2.Wrong direction of line's winding	Press the down button ▼ and pull the rope tightly downward until the line is put out totally and then wind in the correct direction. When the line is shortened to a suitable length. Release the button. You can use the down button ▼ and the up button ▲ to adjust. After adjustment, press the menu button ☺ to clear the error. Then the door will self-check once and return to normal.
Error 03	Door Is Not Tied	1.Door is not tied	Re-tie the door. Wait 8 seconds. The door will self-check once and return to normal.
		2.Position sensor failure (U3)	Return to factory for repair
		3.Door is too light	Please use a door of 300g-1kg. After retiring, wait for 8 seconds. The door will self-check once and return to normal.
		4.The wire position inside the controller is wrong	Open the panel, reposition the line by hand according to the "Line" track marked on the PCB board, and wait for 8 seconds. The door self-check once and returned to normal.
Error 04	Trip is too long	Door's trip is more than 1.5M	Press the up button ▲ to shorten the door's trip to a reasonable length. Press the menu button ☺ to clear the error. Then the door will self-check once and return to normal.

Error 05	Door Blocked!	1.Open blocked	Check whether there is obstacles stuck in the track. After clearing the obstacles, press the menu button ☺ to clear the error code. Then the door will self-check once and return to normal.
		2.Close blocked	Check whether there is obstacles stuck at the bottom of the door or the track. After clearing the obstacles, the door will automatically close.
		3.Door is too light	Please use a door of 300g-1kg. After retiring, wait for 8 seconds. The door will self-check once and return to normal.
		4.The wire position inside the controller is wrong	Open the panel, reposition the line by hand according to the "Line" track marked on the PCB board, and wait for 8 seconds. The door self-check once and returned to normal.
Error 06	Door Overload!	Door is too heavy	Reduce the weight of the door. Use a door of 300g-1kg. After re-tying it. Wait for 8 seconds. Then the door will self-check once and return to normal.

Part G Product Parameter

Product name	Automatic chicken coop door opener
Working mode	Light sensitive & timer
Lid material	ABS
Door material	Aluminum
Controller size	14 x 10 x 7cm
Door size	32 x 22 x 0.15cm
Rated door weight	300-1000g
Power supply	4 x AA batteries
Supply voltage	6 V
Warranty	2 years



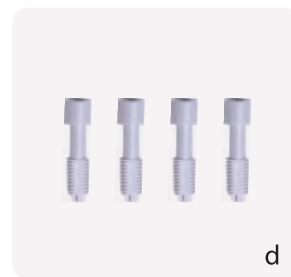
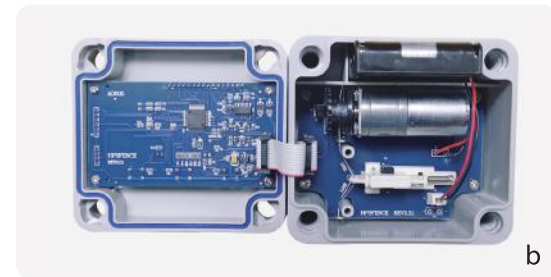
CHICKEN COOP OPENER

AD005 • USER MANUAL

Part A Installation

The package includes the following parts (as shown in the following figure),

- a. front panel
- b. control box
- c. 4 x M4 x12 tapping screw
- d. 4 x M4 x 30 flat head screw

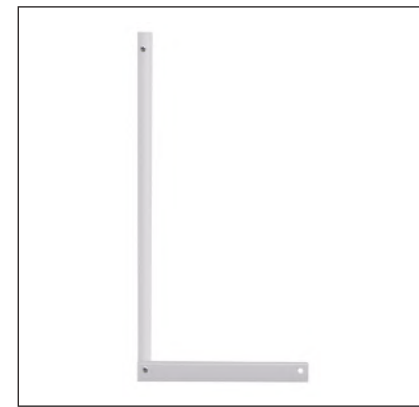


Tip: a screwdriver is required for disassembly and assembly.



Part B Controller & An Aluminium Door

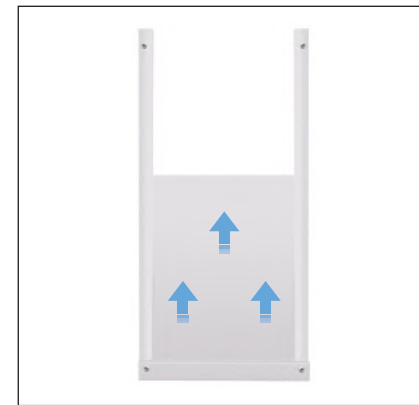
⚠ Please refer to the instruction before installing the controller.



1. Attach the left aluminium rod and the bottom bar to the chicken coop.



2. Put the aluminium door into the left rod and the bottom bar.



3. Attach the right aluminium rod and bottom bar to the coop. Push up the door by hand to ensure it slides smoothly.



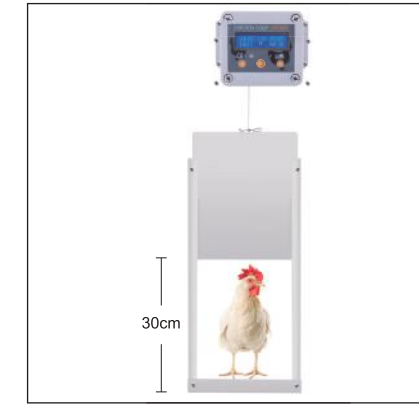
4. Open the front panel of the controller and take out the battery holder. Install 4*AA batteries in the battery holder and plug it back in.



5. Screw the front panel to the controller box and attach the controller to the coop.



6. Tie a knot on string, push the door up by hand and attach it to the string (make sure the string is vertical).



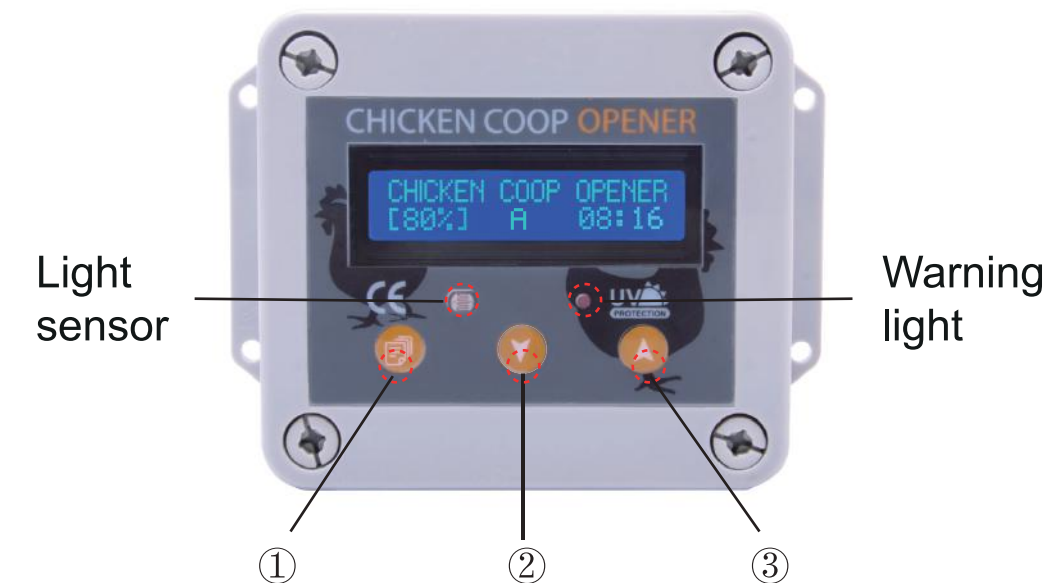
7. The door will self-check once. It will fully close and then open 30cm. The height can be adjusted by "Open height set" interface.



8. Set the working modes according to "Part E". All is completed.

⚠ If other chicken doors are used, the weight of the chicken door must be 300-1000G.

Part C Panel Introduction



Part D Programming Guidelines

Button Usage

- ① Use the button to switch from setting hours to minutes. Use / button to adjust the value.
- ② Use the button:
 1. Click it to close temporarily the door by manual. (The door will open automatically after 3 minutes)
 2. Decrease the value.
 3. Switch the working modes.
 4. Lower the door when set open height.
- ③ Use the button:
 1. Click it to open temporarily the door by manual. (The door will close automatically after 3 minutes)
 2. Increase the value.
 3. Switch the working modes.
 4. Rise the door when set open height.

Part E Chicken Coop Door Programming



Initial Interface

- Press the >2 seconds to start the initial interface which will indicate ex-factory time, battery power, website and brand.



Current Time

- Means you can set the current time.
- Press button to switch from setting hours to minutes. Press / to adjust the values.



Open Height Set

- Adjust the door's open height in this interface.
- Keep pressing / to rise or lower the door.



Open Time

- Means you can set the time to open the door.
- Press button to switch from setting hours to minutes. Press / to adjust the values.