7. Close Time

Press Menu button to switch minutes from hours.
Press Ⓐ / Ⓥ to adjust the numerical values.

8. 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)

9. Control Mode

Means you can choose an apposite operating mode.
Press Menu button one more time to adjust operating mode.

10. Adjust Mode

Press Ⓐ / Ⓥ to adjust the working mode.
"0"Timer turn on, Timer turn off.
"1"Timer turn on, Light turn off.
"2"Light turn on, Timer turn off.
"3"Light turn on, Light turn off.

11. Time

Means you can set the current time.
Press Menu button one more time to adjust current time.

12. Current Time

Press Menu button to switch minutes from hours.
Press Ⓐ / Ⓥ to adjust the numerical values.

13. Done

Means you can save the setting.
Press Menu button to save, the interface will back to the initial and the controller will work.

Tips:

1. For the sunlight setting mode, open range is 15-23, close range is 0-14. 0 being completely dark and 23 being completely light.
2. If "Err" is displayed on the screen during use, please check the "Part F" and troubleshoot.
3. 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.
4. If you change the batteries, please reset the current time after the door finishing self-check.
5. When screen display "StCH" or "StOH", which is indicate the item is under automatic calibration Close/Open position.
6. More details please check FAQ and videos.

Part F Trouble Shooting

Error code	Reason	Solution
Err 1	1.Motor failure	Return to factory for repair
	2.Counting sensor failure	Return to factory for repair
Err 2	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.
Err 3	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-1000g. 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.
Err 4	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.

Err 5	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-1000g. 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.
Err 6	Door is too heavy	Reduce the weight of the door. Use a door of 300g-1000g. 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	15.5 x 15.5 x 10cm
Door size	61 x 23 x 1cm
Rated door weight	300-1000g
Power supply	4 x AA batteries
Supply voltage	6 V
Warranty	2 years

CHICKEN COOP OPENER

AD002 • USER MANUAL

Part A Installation

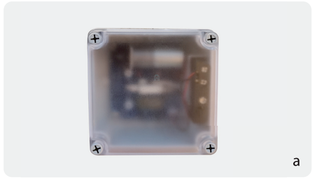
The package includes the following parts (as shown in the following figure),

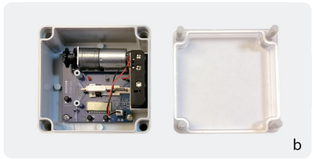
a. front panel

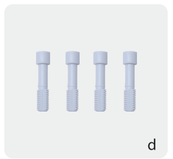
b. control box

c. 4 x M4 x12 tapping screw

d. 4 x M4 x 30 flat head screw



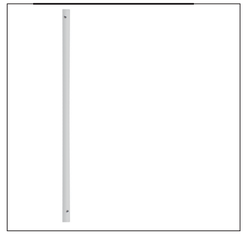




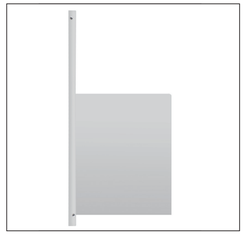
Tip: a screwdriver is required for disassembly and assembly.

Part B Controller & An Aluminium Door

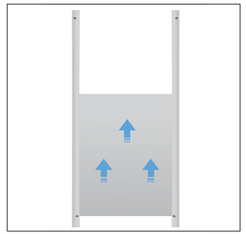
Please refer to the instruction before installing the controller.



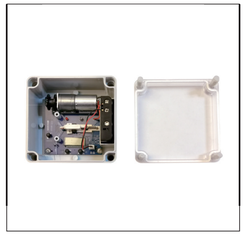
1. Attach the left aluminium rod to the chicken coop.



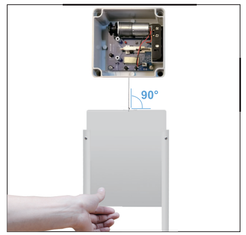
2. Put the aluminium door into the left rod.



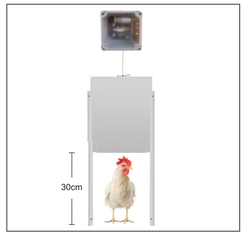
3. Attach the right aluminium rod to the coop. Push up the door by hand to ensure the door slides smoothly.



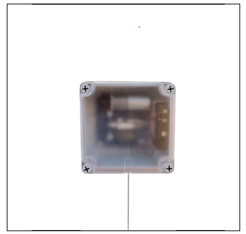
4. Open the front panel of the controller and take out the battery holder, install 4*AA batteries in the battery holder and plug it back in.



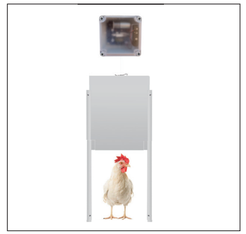
5. Attach the controller to the coop. Tie a knot on string, push the door up by hand and attach it to the string (make sure the string is vertical).



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



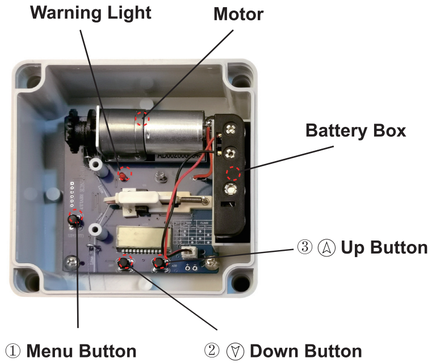
7. Setting the working modes according to "Part E" and screwing the front panel to controller box.



8. All completed.
Setting working mode please check "Part E".

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 Menu button to switch menus, to switch minutes from hours.
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

1. Initial Interface

Press the Menu button >2 seconds to start the initial interface which will indicate ex-factory time.

2. Open Height Set

Adjust the door's open height in this interface.
Keep pressing Ⓐ / Ⓥ to rise or lower the door.
Then press Menu button to save it.

3. Open

Opening time or lumen setting.

4. Open Time

Press Menu button to switch minutes from hours.
Press Ⓐ / Ⓥ to adjust the numerical values.

5. 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)

6. Close

Closing time or lumen setting.