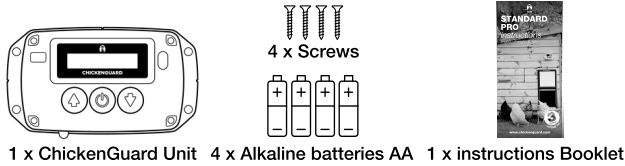




STANDARD/PRO Instructions



WHAT'S IN THE BOX?



Device can be used to a maximum altitude of 5000m.

The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

The appliance is not a toy: Children should be supervised at all times when coming into contact with the device.

ABOUT BATTERIES

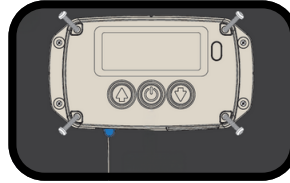
1. Only install 4 x new AA Alkaline batteries
2. When the batteries need changing, the red LED on the front panel will be permanently lit.
3. The red LED on the front panel always flashes every 3 minutes when the door is CLOSED.
4. When changing batteries, you will need to reset the time.
5. Do not attempt to recharge Non-rechargeable batteries.
6. Batteries are to be inserted with the correct polarity.
7. Exhausted batteries are to be removed from the appliance and safely disposed of.
8. If the appliance is to be stored unused for a long period, the batteries should be removed.
9. The supply terminals are not to be short-circuited.

EXTERNAL POWER

The door opener comes equipped with the ability to accept external Solar or DC power. The socket is located behind the rubber bung on the bottom right of the unit.
The power supply needs to be 9 Volt DC with 1 Amp capability.
The socket is centre positive, 2.1mm DC power plug compatible.

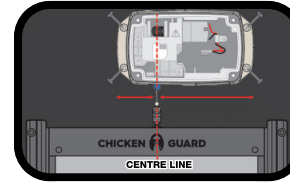
1 How to install your ChickenGuard?

Step 1



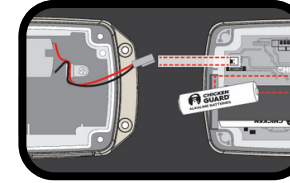
Unscrew the front panel captive screws.

Step 2



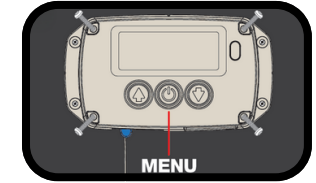
Using the 4 screws provided, attach the unit to your coop aligned to the right so that the string is positioned on the centre of the coop door and running vertically.

Step 3



Install the 4X AA batteries. Connect the wires from the motor to the white socket on the inside of the front panel labelled "Motor".

Step 4



Attach the front panel, screwing in the captive screws.

2 Initial Setup Guide - Steps 1-2-3-4-5-6

1- Setup Wizard

When the screen is on, Press the MENU button and scroll to the Setup Wizard. Press the MENU button again to get started. "By pressing the UP or DOWN buttons you can navigate through the menus."

2- Language
Press UP or Down

Press UP or DOWN to choose your language and press MENU to save.

⬆️ = YES to continue

3- Clock 12/24hr.
⬆️ = 12hr ⬇️ = 24hr

Press UP or DOWN to set the hour and then the MENU button to save. Press UP or DOWN to set the minutes and then MENU to save.

⬆️ = YES to continue

4- Door Calibration
Set-up 2 of 4

Press UP or DOWN to manually set the fully open and closed positions of the door.

⬆️ = YES to continue

5- Open Settings
Manual/Sensor/Timer

MANUAL

This option is to manually open or close the door by pressing either the UP or DOWN buttons.

SENSOR

This option is for automatic opening of the coop door at dawn, or the automatic closing in the evening, after sunset, using the 'Light Sensor'.

TIMER

This option is for automatic opening of the coop door in the morning, or automatic closing in the evening, at your set time/s. Press UP or DOWN to set the open/close Times.

6- Close Settings
Manual/Sensor/Timer/LUX+

You have 4 options Manual, Sensor, Timer and LUX+.

LUX+ (Dual Safety Closing) - This setting uses a combination of both the 'Light Sensor' and 'Timer' to close the door. The door opener will use the 'Light Sensor' as its' primary method to close, but, if it is not dark enough the door will then close based on the default time you set.

Your ChickenGuard is ready to use!



EXTRA: MISC SETTINGS

MOTION CONTROL

This allows the manual movement of the motor should this be necessary, for example if the string became tangled and you need a way of powering the motor to facilitate this untangling. Once you have finished using the manual control, press the MENU button to exit. You will then be taken to the door setup menu as the door will need to be re-setup.

CLOCK 12/24HR

You may change the time format here by simply selecting your preference using the UP or DOWN buttons.

SENSOR DELAY

This feature allows you to set a delay when using the 'Light Sensor'. For example, if the door was closing too early when using the 'Light Sensor', you could enable this feature and then, when you select SENSOR in the CLOSE Settings, you now have the option of delaying the closing by anything from 0 to 60 minutes. Simply press the UP/DOWN button to increase/decrease the delay in 5-minute intervals. It is also possible to adjust the 'Light Sensor' sensitivity in the LUX Adjustment Menu. To disable this feature, simply select NO in the SENSOR DELAY menu.

CHECKING THE BATTERY STATUS AND FIRMWARE

```
CG Pro 6.00
Battery OK:5.45V
```

1. Press MENU to enter the programme menu.
2. Press UP or DOWN until you find: MISC SETTINGS
3. Press MENU to enter the miscellaneous mode.
4. Press the UP or DOWN button until you find the firmware/Battery condition display.
5. The battery status should read OK and tell you the voltage.
6. If the batteries need changing, the LED will remain permanently lit and a warning will be displayed on the screen.
7. Should the LED be lit but nothing is visible on the LCD screen then change the batteries immediately.

LIGHT SENSOR

```
Open =200 > 245
Close =80 Exit
```

USING THE LIGHT SENSOR

1. Press MENU to enter the programme menu.
2. Press UP or DOWN until you find: LUX ADJUSTMENT
3. Press MENU to enter the LUX adjustment mode.
4. Press UP or DOWN and navigate the ">" symbol to the READ option
5. Press MENU
6. This will take a quick snapshot of the current light level.

```
>Open =200 Read
Close =80 Exit
```

LIGHT SENSOR: ADJUSTING OPEN/CLOSE SENSOR VALUES

To adjust the OPEN or CLOSE trigger values, navigate the ">" symbol to either OPEN or CLOSE. Press UP or DOWN button to select and MENU to save.

Open: Min = 200 Max = 255 DEFAULT = 200

Close: Min = 0 Max = 199 DEFAULT = 80

NB: Darker is a lower number – Brighter is a higher number.



STANDARD/PRO

Instructions



WHAT'S THE ISSUE?	REASON	HOW TO FIX IT
The screen is off.	When not in use, your ChickenGuard will go on Energy saving mode.	Press the Power/Menu button. If the display is still off, check that all 4 batteries have been installed in the correct orientation and fully charged. Try a new set if possible or use external power to see if that solves the issue. If you require further assistance, visit www.chickenguard.com
Error message "Motor missing"	The motor is not connected to the front panel	Remove the 4 screws and the front panel. Connect the white plug attached to the motor wires to the plug in the front panel.
Error message "Front cover missing"	The sensor in the front panel cannot read the magnets in the spindle. The sensor counts the rotations of the spindle using these magnets to count the number of rotations needed when the door is closing.	Attach the front panel to the unit using the screws.
Nothing happens or little movement detected after pressing the Menu button to start the calibration	This could be due to the lack of weight detected during the calibration.	Ensure the string is attached to the door before setting up your ChickenGuard.



WHAT'S THE ISSUE?	REASON	HOW TO FIX IT
<p>Door won't fully open during calibration</p>	<p>Before starting the calibration, your ChickenGuard will use the bead attached to the string to determine where the fully open position is. The string will go up until the bead reaches the bottom of the unit and push the sensor inside the unit.</p> <p>Depending on the position of your ChickenGuard, obstructions such as a corner, or a pulley might prevent the bead from reaching and pushing the sensor up. If the string runs at an angle, it may cause the sensor to go inside the unit once it "feels" the weight of the door, even if the door is not fully open. A different angle might also prevent the sensor from going up which will keep the motor pulling and potentially snap the string.</p>	<p>The unit should be sitting fully vertical with no obstructions preventing the ball in the string from reaching the sensor and pushing it inside the unit.</p> <p>If your unit is sitting horizontally or your set up will require the string to run in a position different to vertically, you will need to manually calibrate your ChickenGuard. In the menu, go into Misc. settings, scroll down to Calibration type, and select Manual. You will then need to calibrate following the instructions on screen.</p>
<p>The door does not stop moving downwards.</p>	<p>The door mechanism is designed to sense the door tension and if the door does not have a natural stopping position, the mechanism will not be able to sense where to stop.</p>	<p>If a surface (such as a coop floor) is below the intended door closed position, you could put a screw to stop the door from keep moving.</p>
<p>The screen is showing Battery power is less than 10% but the batteries are new.</p>	<p>The door mechanism is designed to sense the door tension and if the door does not have a natural stopping position, the mechanism will not be able to sense where to stop.</p>	<p>For standard model, the ideal average effort should stay below 30%. For Pro units it can reach up to 60%.</p>



WHAT'S THE ISSUE?	REASON	HOW TO FIX IT
String stuck inside the unit	Some obstructions can cause the string to become tangled and jump out of the spindle.	<p>If the string is still visible, you can use the Motion Control to release it. Go into Misc. Settings and scroll down and select Motion control. Press the down button until the string becomes untangled. If the string is not visible, you will need to remove the front panel to facilitate the untangling.</p> <p>For assistance, visit www.chickenguard.com</p> <p>Once completed, re-fit the front panel and then press MENU. You will be asked to re-setup the door. Make sure that the string keeps tension during this process. It may be necessary to lightly pull the string until slack has been taken up.</p>
The light is flashing when the door is closed. Is there a problem?	The unit is designed to flash once every 1.5 mins when the door is closed. This will allow you to confirm the door is operating correctly even from a distance when it's dark.	N/A
Door ajar error message	This could be due to an obstruction preventing the door from reaching its fully closed position.	Check for any obstructions preventing the door from fully closing such as straw piling up on the floor and clear them. The door will then try to carry on closing every 3 minutes up to a maximum of 5 times. (15 minutes).
Woke up to a door half closed and a "door error" message on the screen	This could be due to an obstruction preventing the door from reaching its fully closed position which lasted more than 15 minutes, or the 5 attempts to close the door.	Remove the obstruction, once the sensor can feel the tension on the string, it will re-attempt to close the door.