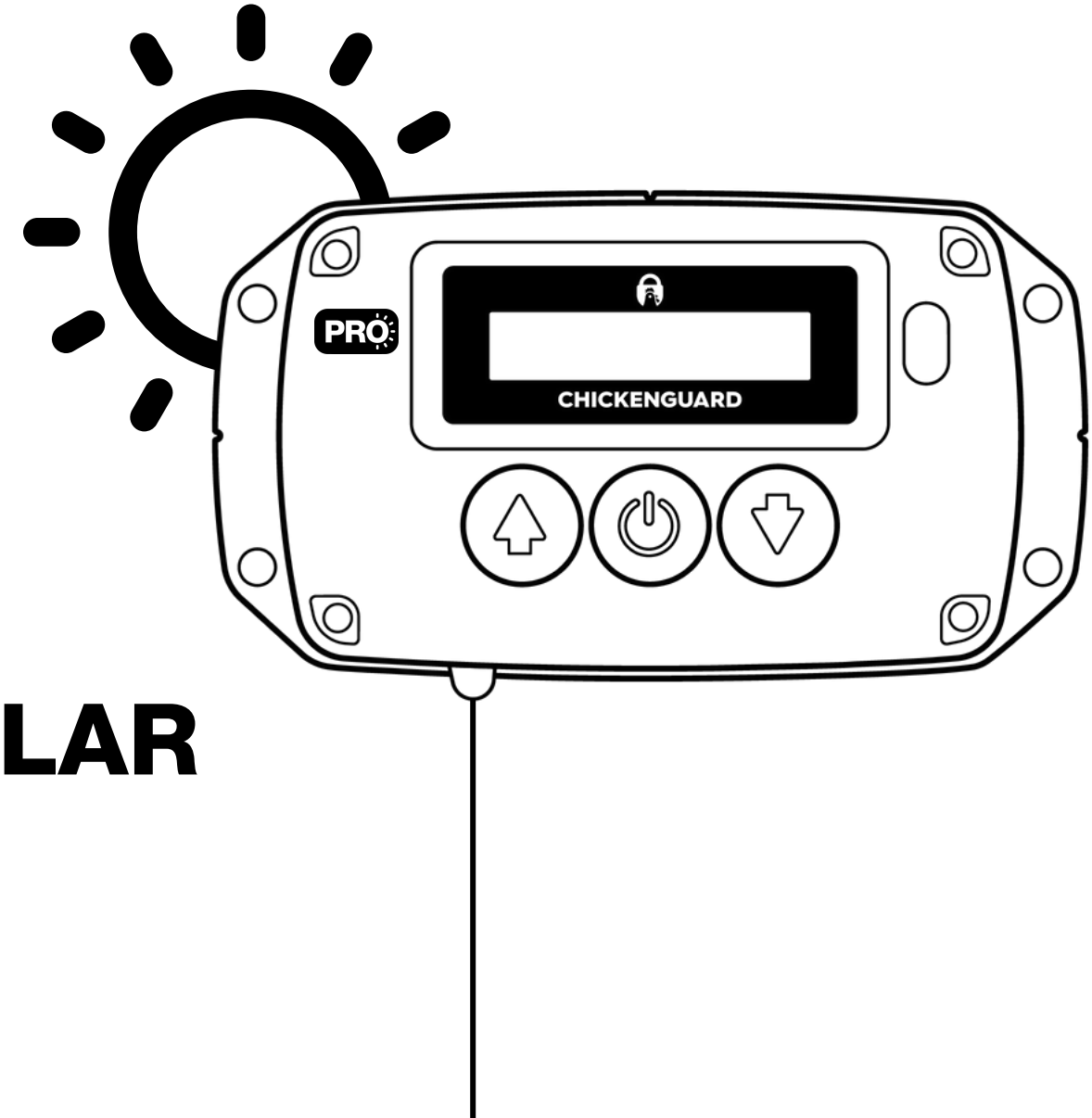
CHICKEN GUARD



PRO

PRO & PRO SOLAR

Instructions

WHAT'S IN THE BOX?

Instructions

4 x Screws

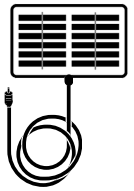
1 x ChickenGuard Unit

AA Batteries

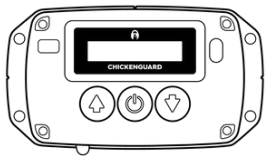
PRO

Instructions

4 x AA NiMH Batteries



Solar Panel
(approx. 3 meters cable)



1 x ChickenGuard Unit

4 x Screws

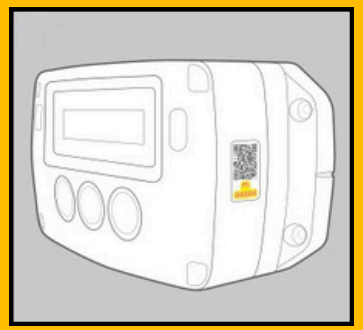
1 x Small Screw

PRO SOLAR

REGISTER YOUR WARRANTY

ChickenGuard's 3 year manufacturer warranty does not cover damage to the unit caused by external sources or insect infestations (e.g. red mite). It is important to clean and disinfect your coop regularly to safeguard your chicken's health & the ensure the smooth operation of your automatic door.

www.chickenguardwarranty.com



OPTION 1

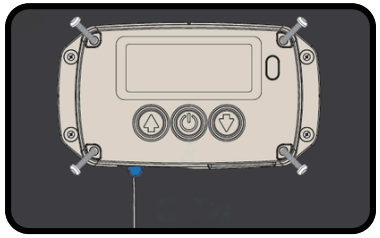
Make a note of the serial number and go to **www.chickenguardwarranty.com**

OPTION 2

Scan the QR code and activate your warranty.

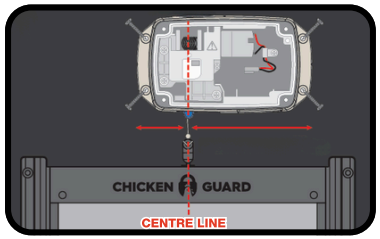
WARRANTY 3 YEARS GARANTIE

1 How to install your ChickenGuard:



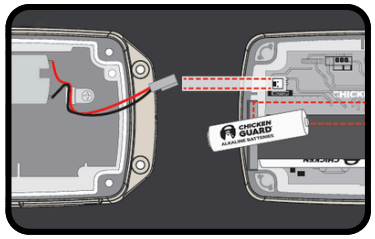
Step 1

Unscrew the front panel captive screws.



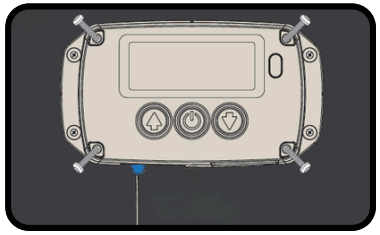
Step 2

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.



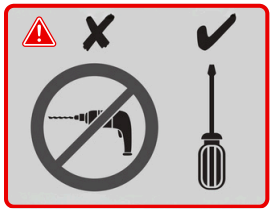
Step 3

Install the 4 x AA batteries. If you have the Solar version use the 4 x NiMH batteries supplied. 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.



Do NOT use an electric drill!

2 Solar Panel

If you don’t have the Solar option go to the next page.

Step 1

Find the best location for your Solar Panel. It should be in a position pointing South. The 3-meter cable will give you flexibility if you have a big coop and want to place it on the roof.

DO NOT PULL ON CABLE. OVERSTRETCHING THE CABLE WILL DAMAGE IT.

Step 2

Fix the small screw (provided) onto your chosen location. This is used as the hook support for the panel. Don’t over-tighten the screw.

Step 3

Make sure you've placed it in the desired location and hook the panel on to the screw.

Step 4

If not already installed, place the 4x re-chargeable NiMH batteries into the battery holder.

Step 5

Plug the Solar cable into the ChickenGuard.

Let’s now Setup your ChickenGuard!

3 Initial Setup Guide:

Steps 1-2-3-4-5-6

1-

When the screen is on, Press the MENU ⏻ button once to display the above. Press the MENU button a second time to get started. By pressing the UP or DOWN buttons you can navigate through the available menu options.

2-

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

3-

Set the Time Format using UP(12hr) or DOWN(24hr). Then, to set the time press UP or DOWN to set the hour and press MENU ⏻ to save. Now press UP or DOWN to set the minutes and press MENU ⏻ to save.

4-

Continually press UP to manually move the door to the fully open position. Release when fully open. Press MENU ⏻ to confirm. Now keep pressing the DOWN button until the door is fully closed. Press MENU ⏻ when finished. The door will then automatically open.

5-

You have 3 options Manual, Sensor, Timer. Use the UP or DOWN button to select your Opening preference. Press MENU ⏻ to confirm your choice.

MANUAL / MANUEL / HANDMATIG

This option disables the automatic opening OR closing of the door.

SENSOR / CAPTEUR DE LUMINOSITÉ / LICHTSENSOR

This option is for automatic opening or closing of the door at dawn or dusk.

TIMER / MINUTERIE / TIMER

This option enables the opening or closing of the door at a user defined time. Use the UP or DOWN buttons to change the time, pressing MENU to confirm each unit.

6-

You have 4 options Manual, Sensor, Timer and LUX+. Use the UP or DOWN button to select your Opening preference. Press MENU ⏻ to confirm your choice.

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 at your preset time, the door will then close. Only available for closing cycle.

Your ChickenGuard is ready to use!

Votre ChickenGuard est prêt à l'emploi !

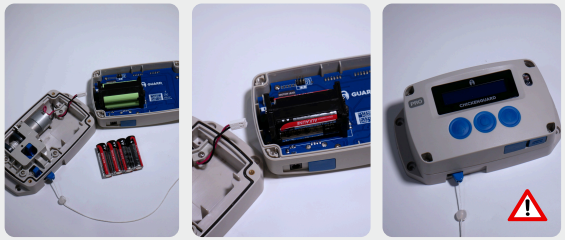
Uw ChickenGuard is klaar voor gebruik!

TRIPLE POWER

Triple Power gives you the choice to power your ChickenGuard to suit your setup. You can choose between using Solar, DC Power or Batteries. Here you can find how to move from Solar to Batteries Only and Solar to DC Power Only.

BATTERIES ONLY

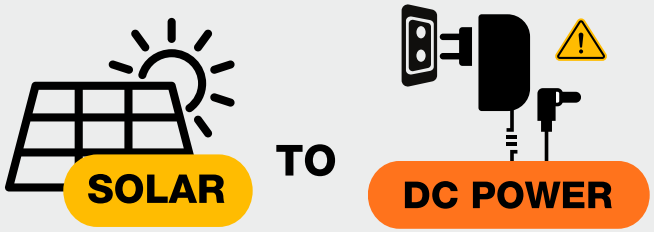
Step 1
Disconnect the solar panel.



Step 2
Remove the NiMH batteries and place 4 x AA Alkaline/Lithium batteries. Done!

⚠ **DO NOT USE SOLAR OR DC POWER WHEN USING ALKALINE/LITHIUM BATTERIES.**

DC POWER ONLY



Step 1
Disconect the solar panel.
Leave the NiMH batteries in.

Step 2
Connect the DC Power. Done!

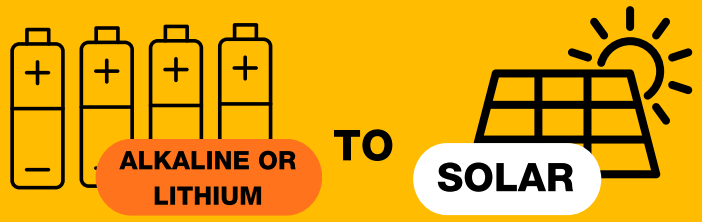
⚠ **IMPORTANT INFORMATION:**

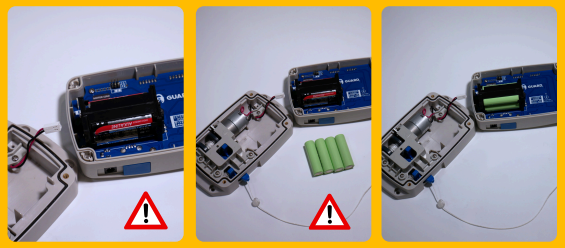
The power supply needs to be 9 Volt DC with 1 Amp capability or greater. The socket is centre positive, 2.1mm x 5.5mm DC power plug. You can order it from our website www.chickenguard.com

TRIPLE POWER

Triple Power gives you the choice to power your ChickenGuard to suit your setup. You can choose between using Solar, DC Power or Batteries. Here you can find how to move from Solar to Batteries Only and Solar to DC Power Only.

SOLAR





Step 1

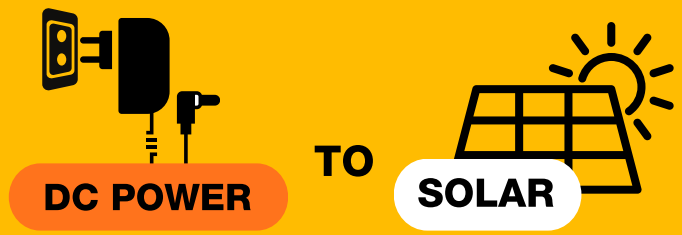
Remove the Alkaline/Lithium batteries and replace with the re-chargeable NiMH batteries.

Step 2

Connect the solar panel. Done!

ONLY USE NiMH BATTERIES WHEN USING THE SOLAR CHARGING OPTION.

SOLAR



Step 1

Disconnect the DC Power from the unit.

Step 2

Place the NiMH batteries and connect the solar panel. Done!

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

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

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.

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.

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
Door won't fully open during calibration	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. 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.	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. 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.
The door does not stop moving downwards.	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.	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.
The screen is showing Battery power is less than 10% but the batteries are new.	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.	For standard model, the ideal average effort should stay below 30%. For Pro units it can reach up to 60%.

PRO/PRO SOLAR
Instructions

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.	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. For assistance, visit www.chickenguard.com 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.
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.

This 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.

WARNING

1.Install 4x AA Alkaline batteries. If using the Solar panel only use NiMH AA 2000mAh 1.2V batteries. If using mains power use a 9 Volt DC power adapter, 1Amp minimum.
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 will flash every 3 minutes when the door is CLOSED.
4.When replacing the batteries, the clock time will have to be updated.
5.Do not attempt to recharge Non-rechargeable batteries.
6.Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
7.Even used batteries may cause severe injury or death.
8.In case of ingestion or suspected ingestion of batteries, immediately contact a local poison control centre for treatment information.
9. Batteries are to be inserted with the correct polarity.
10. If the appliance is to be stored unused for a long period, the batteries should be removed.
11. The supply terminals are not to be short-circuited.
12. Do not force discharge, recharge, disassemble, store above 60°C/140°F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

EXTERNAL POWER

The door opener comes equipped with the ability to accept external 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 or greater. The socket is centre positive, 2.1mm x 5.5mm DC power plug.

ChickenGuard®
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