



VERY IMPORTANT POINTS:

INSTALLATION INSTRUCTIONS:

INSTALL THE SILICONE SEAL AROUND THE LID OF THE BOX. This will prevent water and moisture entering the box and minimize possible water ingress problems in the future.

ONLY USE AA BATTERIES. Using 9v batteries WILL damage your unit (we test the last voltage through the box so we will know!)

****PLEASE DON'T USE LITHIUM OR 9V BATTERIES****

DO NOT PINCH THE BATTERY WIRES BETWEEN THE LID AND THE BASE WHEN YOU SCREW THE LID ON. This will prevent any power getting to your motor.

The Automatic Coop Door Opener is designed to open vertical doors and we would strongly advise the use of the optional aluminum door and guides available from www.brinsea.com.

If however, you want to use your existing door, it must not exceed 1kg (2.2Lbs) for the Premium model or 4kg (8.8Lbs) for the Extreme model.

IF YOU GET A DOOR JAM, firstly identify the problem then to clear the message you MUST re-calibrate the door. Removing the batteries will not clear this message.

FAILURE TO FOLLOW THESE INSTRUCTIONS WILL INVALIDATE YOUR WARRANTY

Brinsea Products Inc

704 N. Dixie Avenue, Titusville, FL 32796, USA

Tel: 1-888-667-7009 or 1-321-267-7009

sales@brinsea.com

Optional Door Kit Installation: First, fix one of the guides in place and slide the door into the slot. Now offer the second guide into place making sure that the door can run freely to the fully open and fully closed position allowing a small amount of 'wiggle room' for the door. Once you are happy with the fit, screw the second door guide into place.

Control Box Installation: You will need to attach the Control Box to the outside of your coop in the upright position. Position the Control Box lifting wire centrally to the door allowing at least a 3 - 4 inch gap between the top of the door when in the fully open position and the bottom of the Control Box. Once complete, attach the draw string to the door making sure that you maintain tension to prevent it from unravelling on the spindle.

Now attach the small **silicone seal** found in the ziplock bag. This needs to be put into the recess seen around the outside of the front panel as it is used to seal the enclosure from water ingress. You **MUST** start on the bottom edge, cutting any excess off.

Lastly, you may now connect the **batteries** and motor lead paying particular attention to the orientation of the motor lead connector. The red lead orients **AWAY FROM** the battery connection lead and the black lead **NEAREST TO** the battery connection lead. If you find that the door is closing when you press open for example, then the orientation is incorrect and simply turn the connector around. There is also a cut-out in the motor base plate for the battery box to sit. It is important that the box sits in this recess otherwise it will make contact with the front panel.



ChickSafe

Automatic Coop Door Opener

User Instructions

www.brinsea.com

PROGRAMMING YOUR UNIT:



Buttons & Symbols

MENU

Used for waking the unit, entering the program mode and confirming changes you make to the settings
UP AND DOWN

Used for manually opening and closing the door, navigating through the menu structure and changing settings

LOW BATTERY & DOOR CLOSED *

When your batteries need changing, the red LED will be permanently lit.

When the door is CLOSED, the red LED will blink every 30 seconds.

Calibrating the Door:

If the display is not lit up press MENU to wake the unit. Press MENU to enter the programming mode. Press UP or DOWN to scroll through the menu until you find: CALIBRATE DOOR

Press MENU to enter the calibration mode

Press and hold the UP button until the door is fully open.

If you need to lower the door to its open position, for example, if you have positioned the door too close to the control unit, you may also press the DOWN button to move the door down

When opening the door, leave at least a 3 – 4 inch gap between the top of the door and control box.

Keep pressing DOWN until the door is fully closed.

When the door is fully closed, release the button and the door will automatically open. The display will now read: CALIBRATION COMPLETE!

To check that the door is opening and closing to the correct positions, simply press the relevant button. If you need to adjust the position, you may repeat the procedure above as many times as necessary.

Setting the Time:

If the display is not lit up press MENU to wake the unit. Press MENU to enter the programming mode. Press UP or DOWN to scroll through the menu until you find: SET THE TIME

Press MENU to enter the time mode

You will see SET TIME on the display

Press UP or DOWN to set the hour

Press MENU to set the hour

Press UP or DOWN to set the minutes

Press the MENU button to save the time

After you have pressed MENU for the final time, you will automatically be taken back to the main display message.

Setting your language:

If the display is not lit up press MENU to wake the unit. Press MENU to enter the programming mode. Press UP or DOWN to scroll through the menu until you find: LANGUAGE

Press MENU to enter the language mode

You will see language options on the display

Press up OR down TO SET THE LANGUAGE

Press MENU to save your settings

Setting your Opening and Closing preferences:

If the display is not lit up press MENU to wake the unit

Press MENU to enter the programming mode

Press UP or DOWN until you find: OPEN SETTINGS

Press MENU to enter this module

Scroll through the door control options and press MENU for your preference

Press MENU to save your setting

Now repeat this procedure for the closing settings

Explanation of door settings:

TIMER

You may set the opening and closing cycle for a specific time of day, for example, 6.30am to open or 17.30 to close. To set this, scroll through the opening or closing settings until you find TIMER and press MENU. Set the timer and press MENU to save. Set the open or close time in the same way.

SENSOR

The control box has a small light sensor located on the front panel which measures the amount of light so that you can set the door to close when it gets dark in the evenings or open in the mornings. To set this feature, scroll through the opening or closing settings until you find SENSOR and press the MENU button to select this option. To measure the light level at a particular time of day, go to the LUX ADJUSTMENT menu and then select the READ option by pressing the UP or DOWN button until > points at READ. This will give you the LUX value. Make a note of this number and adjust the relevant open or close numbers. Note: daylight is around 250, darkness is 0, dusk is 80-90. To close when darker, the number should be lower.

LUX+

If the light sensor has difficulty picking up the light level, for example if it is pointing due West at the setting sun, you may also set a time at which, should the door not close using the light sensor, it will then activate based on a preset time. To set this, press UP or DOWN to scroll through the menu until you find LUX. Press MENU to enter the LUX mode. Press UP or DOWN to scroll through the options until > points at the option you wish to change. Press MENU to select the option. Press UP or DOWN to set the value and press MENU to save. After you have pressed MENU for the final time, you will automatically be taken back to the main display message. **Remember, this feature is only available for the closing settings.**

MANUAL

When set to manual for either the opening or closing cycles, you will have to manually open or close the door. You may, for example, set the door to open at a set time in the morning and have a manual closing setting. To set this up, scroll through the opening or closing settings until you find MANUAL and press the MENU button to select this option.

MIX THEM UP!

You may also mix and match! Set the Door opener to activate for a timed opening in the mornings and use the light sensor in the evenings or any other combination.

In order that we can continue our policy of innovation and improvement we reserve the right to alter specifications of any product without notice.

TROUBLESHOOTING:

Low battery warning with new batteries:

The LED light works on a voltage basis and cannot give a false reading. If you get a low battery warning light after you have installed new batteries, please check that the new batteries are fully charged.

LCD display not lit up:

This is normal and the LCD display 'goes to sleep' after a period of inactivity to increase battery life. You can wake your unit by pressing MENU

My ChickSafe is totally dead!

All our units are thoroughly tested before they leave the factory. Please ensure that you haven't pinched the battery cable wire between the lid and the box and you have correctly inserted AA batteries with a good connection and they are oriented correctly. Lastly check that you haven't pulled on any connector cables.

I keep getting door jam message

If you get 'door jam' repeatedly, then your motor is having difficulty in lifting your door for a number of reasons; either your door isn't sliding easily on the runners or you have a tangled cord. Please check your runners, the weight of the door (waterlogged wooden doors weigh almost twice as much) and also have a look inside your unit to make sure your cord is spun correctly on the spindle. Please note that you won't be able to re-calibrate the door with the lid removed. Removing the batteries will not clear this message – you will need to clear the obstruction.

My light sensor doesn't work

Your light sensor is designed to activate your door over gradual light changes so that it doesn't open the door in a lightening storm or when car headlights pass it. It takes an average reading every 3 minutes to account for this so therefore, just putting your hand over it won't activate it, similarly, if you just switch a light off in a shed for example, this won't activate it either. If you position your ChickSafe near a floodlight or street light, this will affect your sensor and you may need to orient it in a position with less ambient light.

IF YOU ARE STILL HAVING PROBLEMS WITH YOUR CHICKSAFE UNIT, PLEASE DON'T HESITATE TO CONTACT US AND WE WILL BE HAPPY TO HELP.