

Automatic Chicken Coop Door



FARMLITE
MAKING HOMESTEADING EASY



Owner's Manual & Product Guide



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IMPORTANT

1. DO NOT OVERTIGHTEN INSTALLATION SCREWS OR FRAME CAN COMPRESS AND BURN MOTOR OUT.
2. ENSURE DOOR IS INSTALLED ON FLAT FLUSH SURFACE, IF NOT THE DOOR FRAME CAN BEND AND WILL STOP WORKING.



FarmLite

Thanks for your purchase of the FarmLite Automatic Chicken Coop Door! We are an American owned business that truly cares about providing you with a great product and service!

Please review, read and understand ALL instructions and information to ensure proper functionality.

If you have any questions or concerns, don't hesitate to reach out to us,

we are always available to help at Hello@FarmLite.Store

See Full Video Instructions at www.farmlite.store

Package Contents

- » **1x** Automatic Chicken Coop Door with Infrared Sensor
- » **2x** Wireless Remote Control
- » **1x** AC/DC Power Adapter
- » **4x** Self-tapping Screw
- » **1x** Owner's Manual

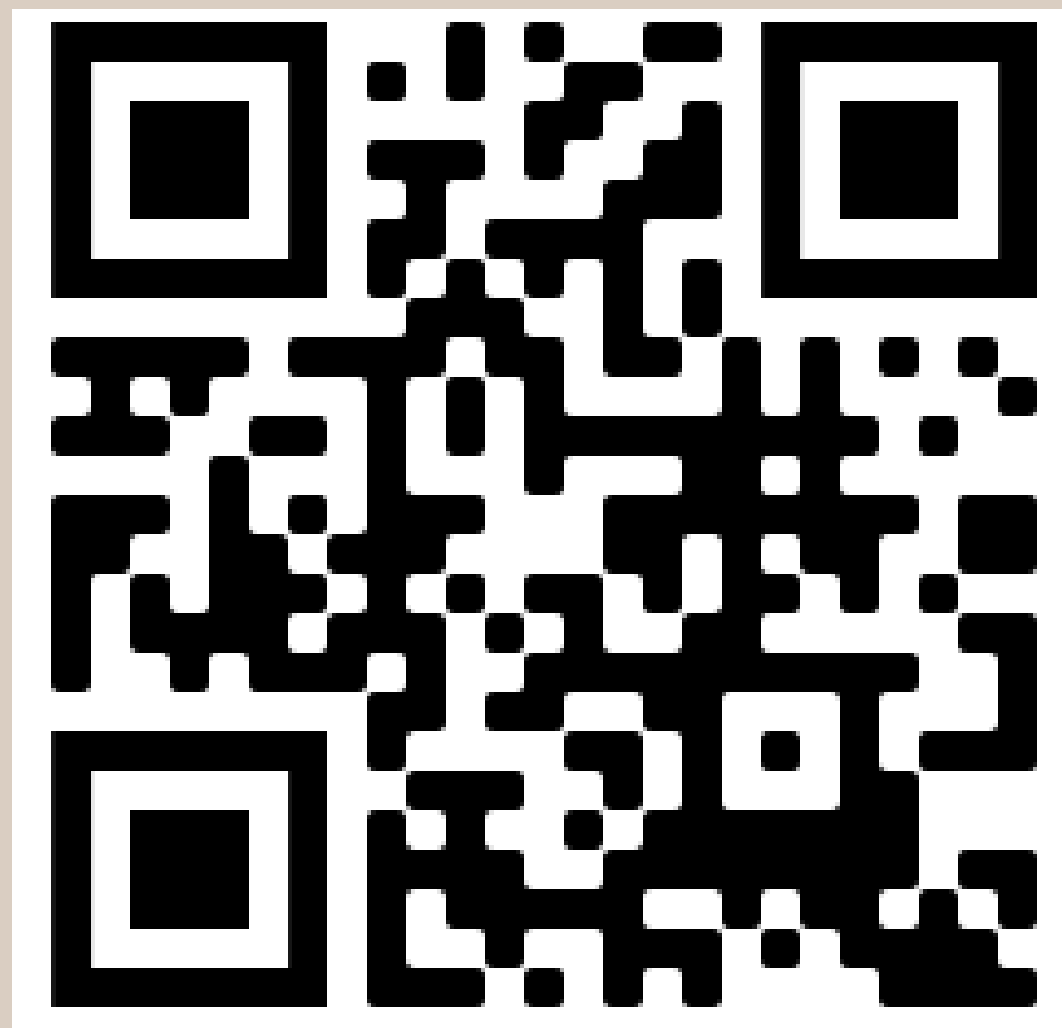
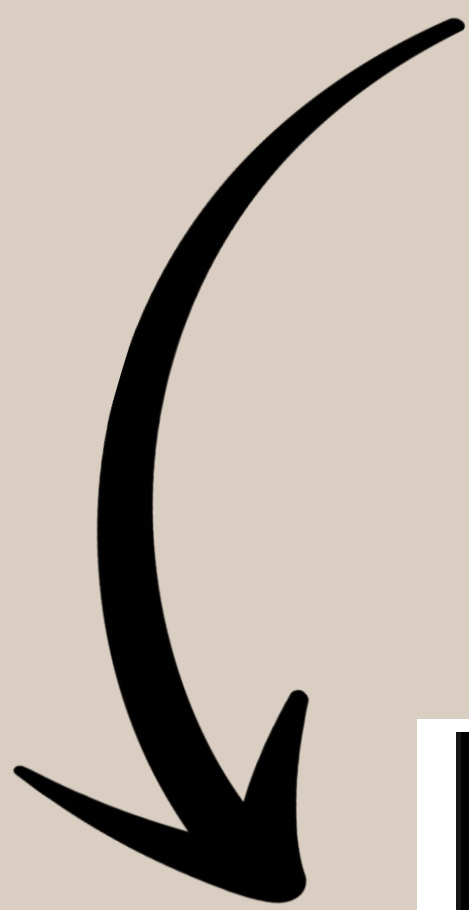


Full Walkthrough Video Instructions

Don't want to READ all the instructions but still want to learn how to use this automatic chicken coop door? We got your back!

- ✓ Simply scan the QR Code with your smart phone camera. It will take you to the official FarmLite website.

Scan me








OR
www.farmlite.store



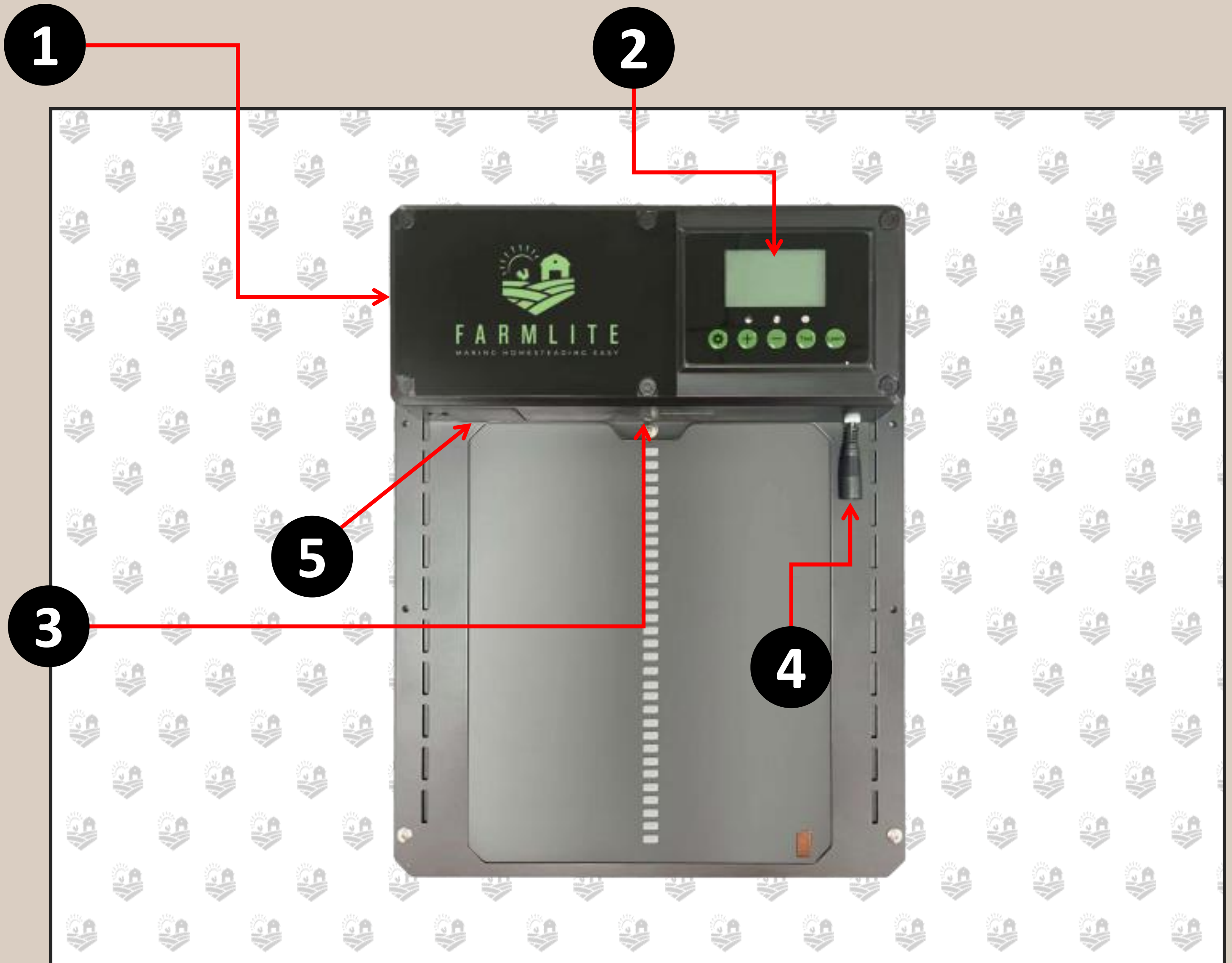
Warnings & Cautions

- » To reduce risk of electric shock, do not disassemble this product. Contact **FarmLite** for any maintenance issues.
- » Use the AC/DC Power Adapter and cable provided with the unit. The use of other cables can result in shock, fire or cause damage to the unit..
- » Ensure the unit is connected to the power source properly.
- » Do not use the unit if power cord is damaged or if the plug socket contact is loose. Only use the AC/DC Power Adapter with a 100 – 240V AC power source.
- » Run power supply to a protected area or build power supply housing in order to protect the power plug in from weather. (Run cord through hole in chicken coop and plug in on the interior of the coop)

 <p>WARNING: HAZARDOUS MOVING PARTS. Do not place fingers, hair, clothes, lanyard... near moving parts.</p>	 <p>! WARNING ELECTRIC SHOCK HAZARD. This equipment is to be serviced by trained personnel only.</p>	 <p>PROP 65 WARNING This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov</p>
 <p>CHOKING HAZARD. SMALL PARTS. Not for children under 3 years old.</p>		 <p>DO NOT DISPOSE IN TRASH. Follow appropriate local electronics scrap procedures.</p>



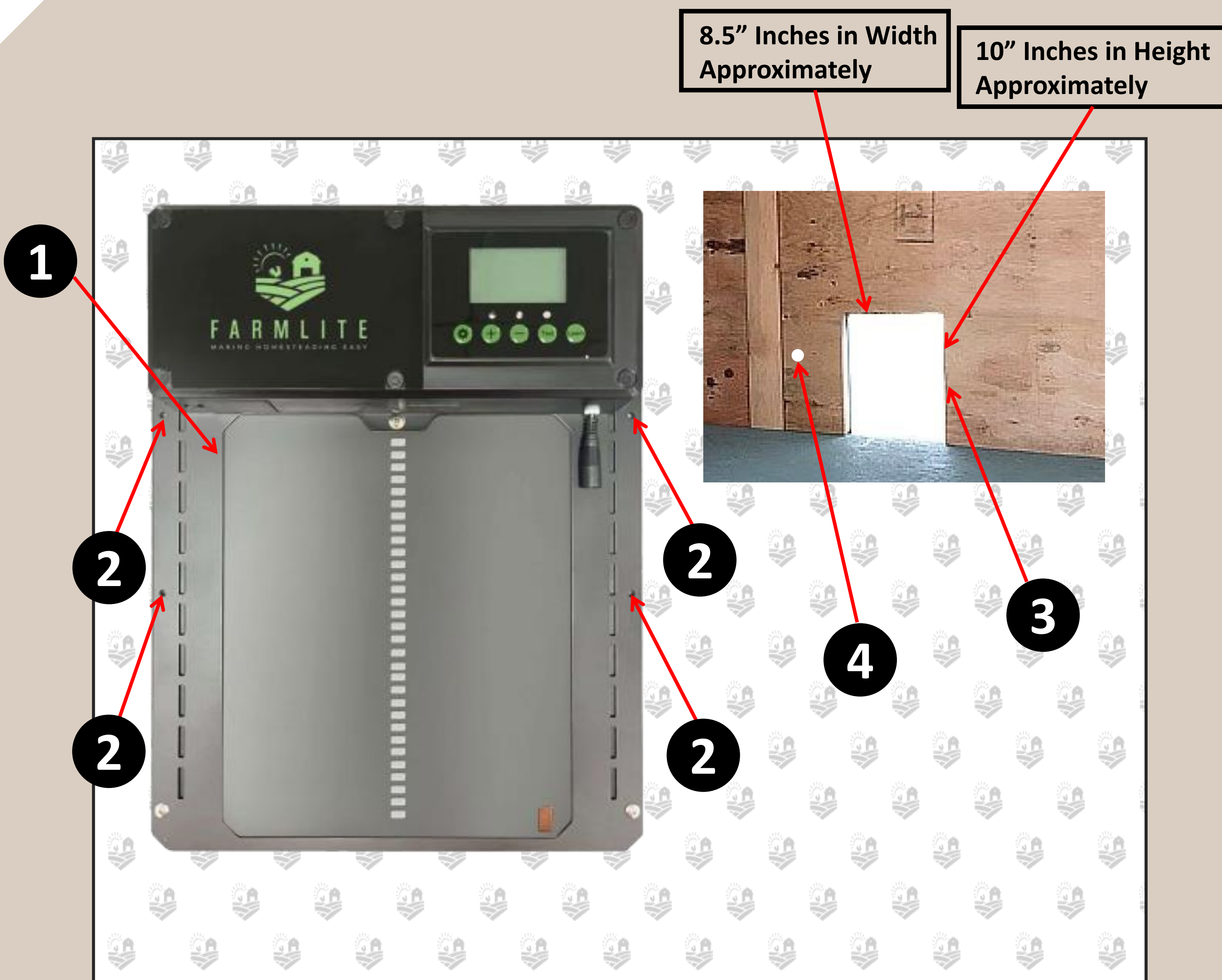
Product Introduction



1. Chicken Coop Door
2. Control Panel
3. Infrared Motion Sensor
4. AC/DC Power Plug
5. Rechargeable Battery Port (4 AA Rechargeable Batteries)



Installation Introduction



1. Chicken Coop Door Frame
2. Screw Installation Location
3. Chicken Coop Structure/Wall (with hole for the Chicken Coop Door Frame Installation)
4. Hole for power supply to run through to ensure power is protected from weather



Control Panel Introduction

Current Time

Displays the current set time of the door

Battery Life Indicator

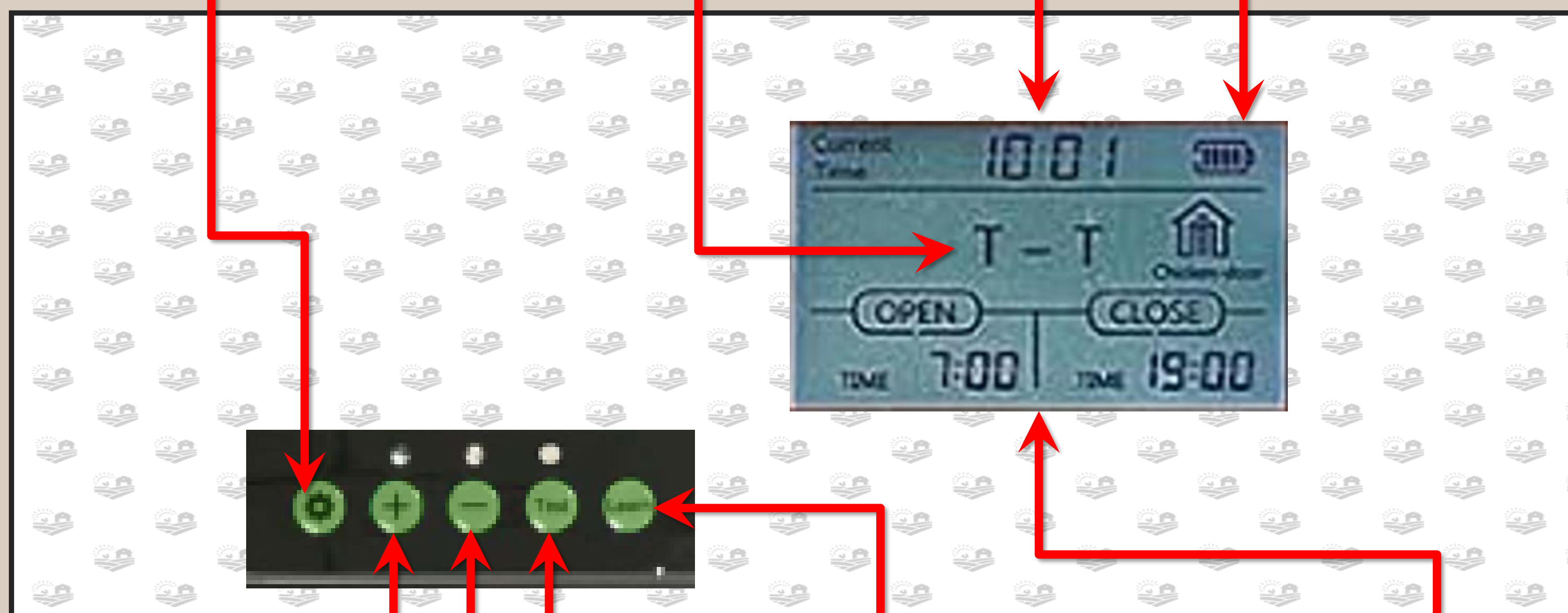
Shows how much battery life is left in your batteries

Current Program

Show's how the door is current set to automatically open/close

SETTINGS

Button used to switch between programming modes



Up

Button used to change program functions while in the program mode

Down

Button used to change program functions while in the program mode

LEARN

Button used to add/remove the wireless remote control(s)

Test

Button used to manually open/close the door

Timer Open/Close

Show's current Timer Open and Close Set Times

Specifications

- » **Unit Weight:** 4lbs
- » **Power Supply:** AC/DC Power Adapter (Input (100-240V 50/60hz) to Output (9V 3A)) with cord (30 inches) that has a DC (5.5x2.1mm) Male Plug (Outside Diameter: 5.5mm, Inside Diameter: 2.1mm, Length: 10mm)
- » **Female Plug:** DC (5.5x2.1mm) Plug (Hole Diameter: 5.5mm, Pin Diameter: 2.1mm, Length: 10mm)
- » **Battery Port:** Plug 4 1.5V AA rechargeable batteries to backup your door power in case of power loss
- » **Wireless Remote Control:** Frequency 433 MHZ with a range of up to 40 meters
- » **Wireless Remote Control Battery:** A27 12V



Operations Manual

General Introduction

The FarmLite Automatic Chicken Coop Door is the perfect solution for a more enjoyable Homesteading way of life. We utilize modern technology and put that into a slim compact design to provide our customers with the best Automatic Chicken Coop Door available.

Our product is made to support your Homesteading goals and to help make homesteading easier.

General Installation

1. Verify/create an opening in the chicken coop structure/wall such that the chicken coop door frame can be installed and securely fastened with screws. Width = 8.5" inches, Height = 10" inches
2. Attach the chicken coop door frame to the chicken coop structure/wall with the self-tapping screws(**DO NOT OVERTIGHTEN OR DOOR WILL COMPRESS AND NOT OPEN**). Ensure the chicken coop door frame is flat (no gaps/warps) against chicken coop structure/wall after the self-tapping screws are installed. Use a power tool to install screws through door.
3. Connect the DC Male Plug of the AC/DC Power Adapter to the DC Female Plug on the chicken coop door.
4. Connect AC/DC Power Adapter to a power source and the chicken coop door will turn on as confirmed by the Digital Display being illuminated. Ensure power source is protected from weather by plugging in on interior of coop or building a simple power supply box to prevent water intrusion.
5. Plug in 4 AA rechargeable batteries into the battery port which will constantly recharge the batteries and can last for weeks without charge!



Operations Manual

General Installation Continued

IMPORTANT

5. Don't forget if the door isn't opening/closing all of the way try loosening the screws on the door. The door can get pinched if the door is installed to tight.
6. ******If the door is not closing** wipe the infrared motion sensor lens off.
7. If you have exterior trim or anything that could make the door installed uneven, then use 2x4s or some flat pieces of wood to ensure flushness.
8. If using power cord, **plug in through a surge protector.**



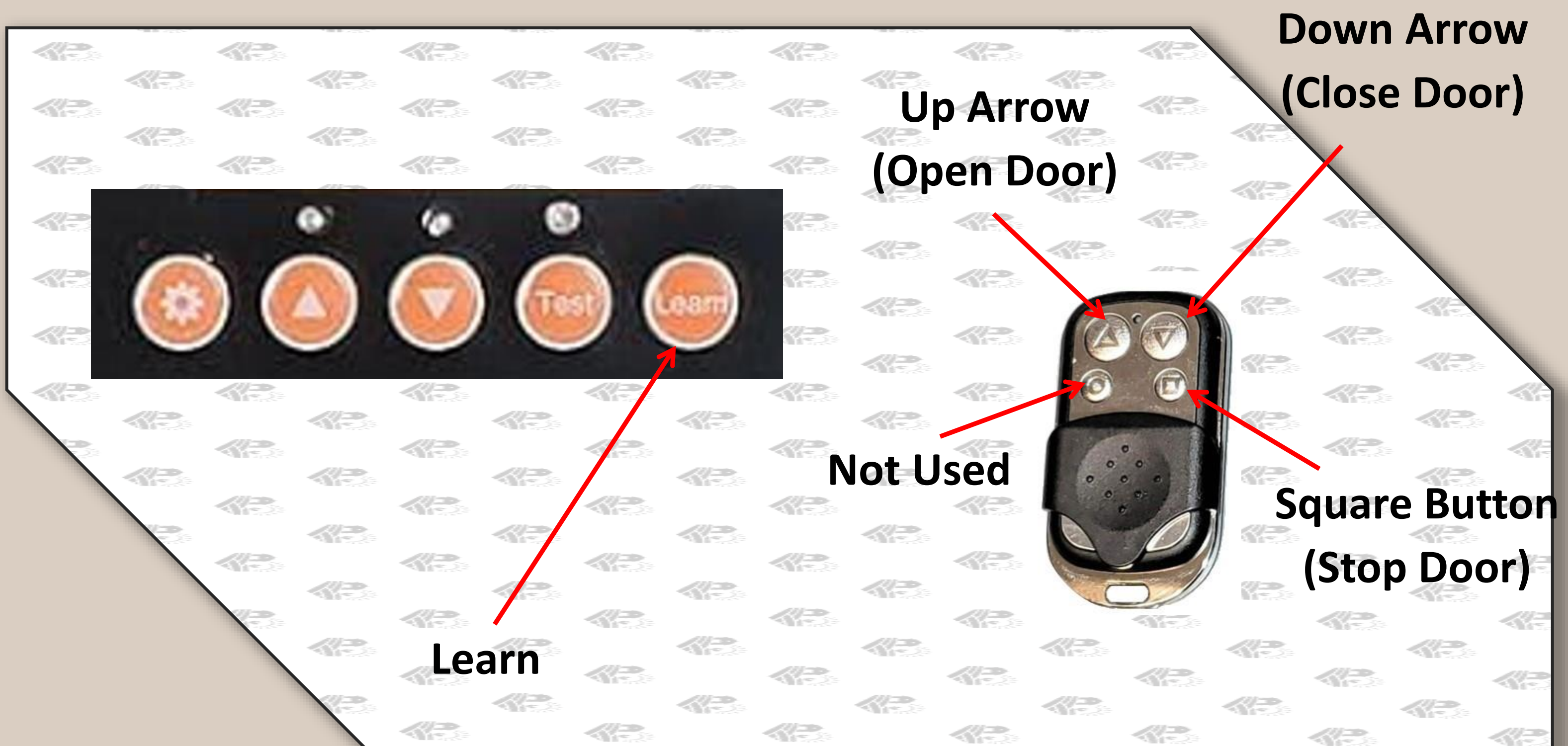
Operations Manual

Continued...

1.0 - Programing the Wireless Remote Control(s)

1. Verify the remote-control battery(s) are installed in the remote control(s) (**Battery(s): A27 12V sold separately**).
2. To pair a remote control to the chicken coop door push and hold the **Learn** button on the control panel down for 1 second. Then press any button on the remote control twice. To pair the second remote control, repeat this step.
3. To un-pair all remote control(s) push and hold the **Learn** button on the control panel for 4 seconds.

Note: If power is removed from the chicken coop door for a short period of time and power is reapplied, the remote control(s) will still be paired to the chicken coop door.





Operations Manual

Continued...

2.0 – Programming the Chicken Coop Door

1. Setting the Current Time (24 Hour Time Format) for the Door

6AM = 6:00, 7:30AM = 7:30

7PM = 19:00, 8:30PM = 20:30

1.1 Push the **SETTINGS** button(looks like a gear).

1.2 The Hours time unit will flash next to the “Current Time”. Adjust the time unit by pushing the **+** (**Plus**) or **-** (**Minus**) button.

1.3 Push the **SETTINGS** button to switch to the Minutes time unit. The Minutes time unit will flash.

1.4 Adjust the time unit by pushing the **+** (**Plus**) or **-** (**Minus**) button.

1.5 Push the **SETTINGS** button to confirm the time setting.

2. Mode Options, T-T, T-L, L-T, L-L

2.1 Select how you want the door to open and close automatically.
(+/- buttons toggle between modes when in Mode Settings)

T-T: Timer Open & Timer Close

T-L: Timer Open & Light Sensor Close

L-T: Light Sensor Open & Timer Close

L-L: Light Sensor Open & Light Sensor Close



Operations Manual

Continued...

3. T-T Mode

3.1 Open Door Time

3.2 Push the **SETTINGS** button after T-T is selected.

3.3 Set the door Time Open Hours time, 00:00 – 12:00 (12AM – 11:59 AM).

3.4 Push the **SETTINGS** button again.

3.5 Set the door Time Open Minutes time.

3.6 Close Door Time

3.7 Push the **SETTINGS** button after the Timer OPEN time is set.

3.8 Set the door Time Close Hours time, 12:00 – 23:59 (12PM – 11:59 PM).

3.9 Push the **SETTINGS** button again.

3.10 Set the door Time Close Minutes time.

Your screen should now appear similar as below. The image below shows the Timer OPEN time set to 7:00 AM and Timer CLOSE time set to 19:00 (7:00 PM).





Operations Manual

Continued...

4. T-L Mode

4.1 Open Door Time

4.2 Push the **SETTINGS** button after T-L is selected.

4.3 Set the door Time Open Hours time, 00:00 – 12:00 (12AM – 11:59 AM).

4.4 Push the **SETTINGS** button again.

4.5 Set the door Time Open Minutes time.

4.6 Close Door Light Sensitivity

4.7 Push the **SETTINGS** button after the Timer OPEN time is set.

4.8 Set the door Light Sensitivity Close.

Options: 0 – 23

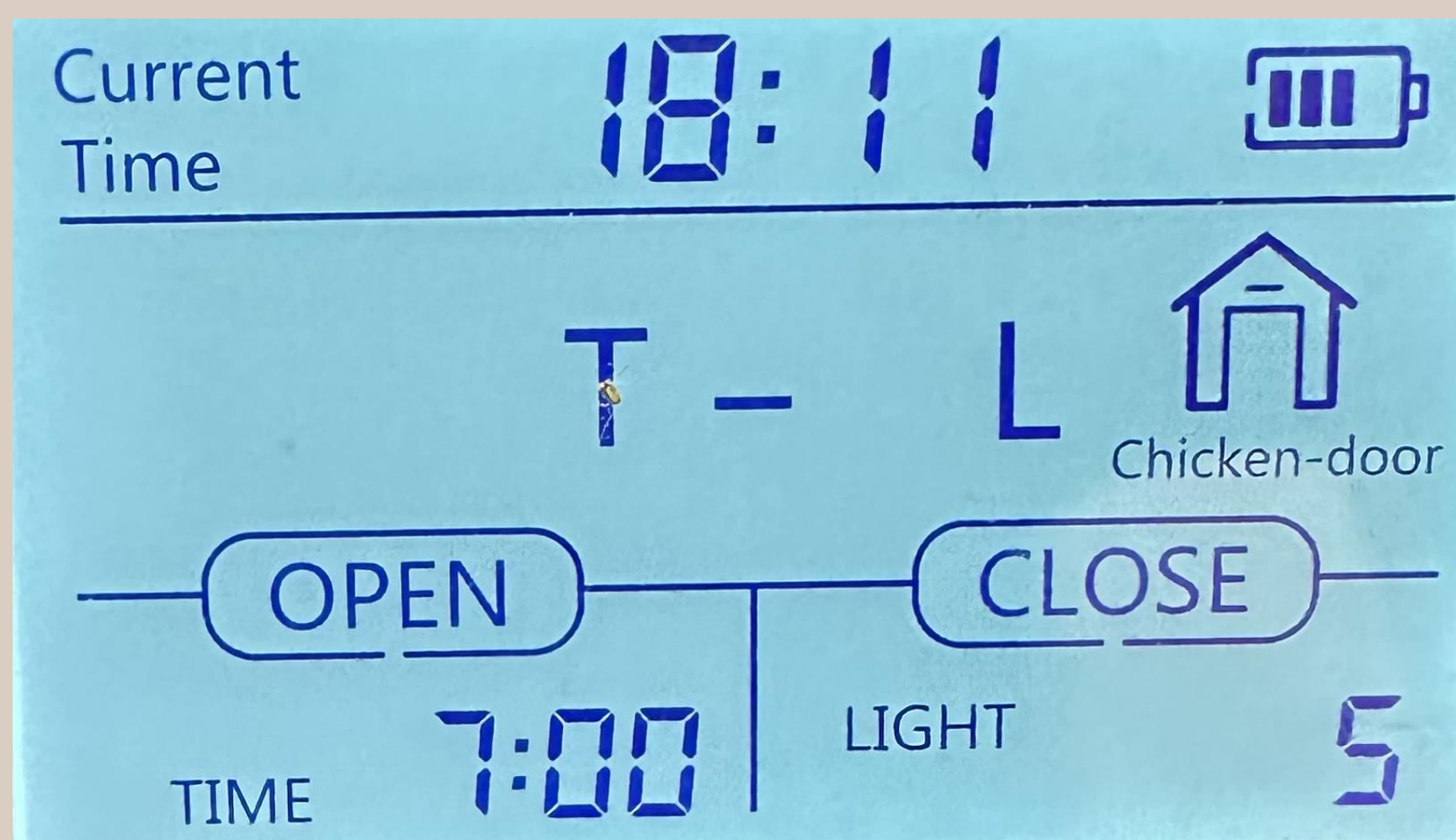
0: Door will close when it's almost full darkness.

23: Door will close with little darkness.

Suggested: Start with 12 and adjust as needed.

4.9 Push the **SETTINGS** button again to confirm settings.

Your screen should now appear similar as below.





Operations Manual

Continued...

5. L-T Mode

5.1 Open Door Light Sensitivity

5.2 Push the **SETTINGS** button after L-T is selected.

5.3 Set the door Open Light Sensitivity.

Options: 0 – 23

0: Door will open when it's early with little light.

23: Door will late with extensive light.

Suggested: Start with 14 and adjust as needed.

5.4 Push the **SETTINGS** button again.

5.5 Close Door Time

5.6 Push the **SETTINGS** button after the Timer OPEN time is set.

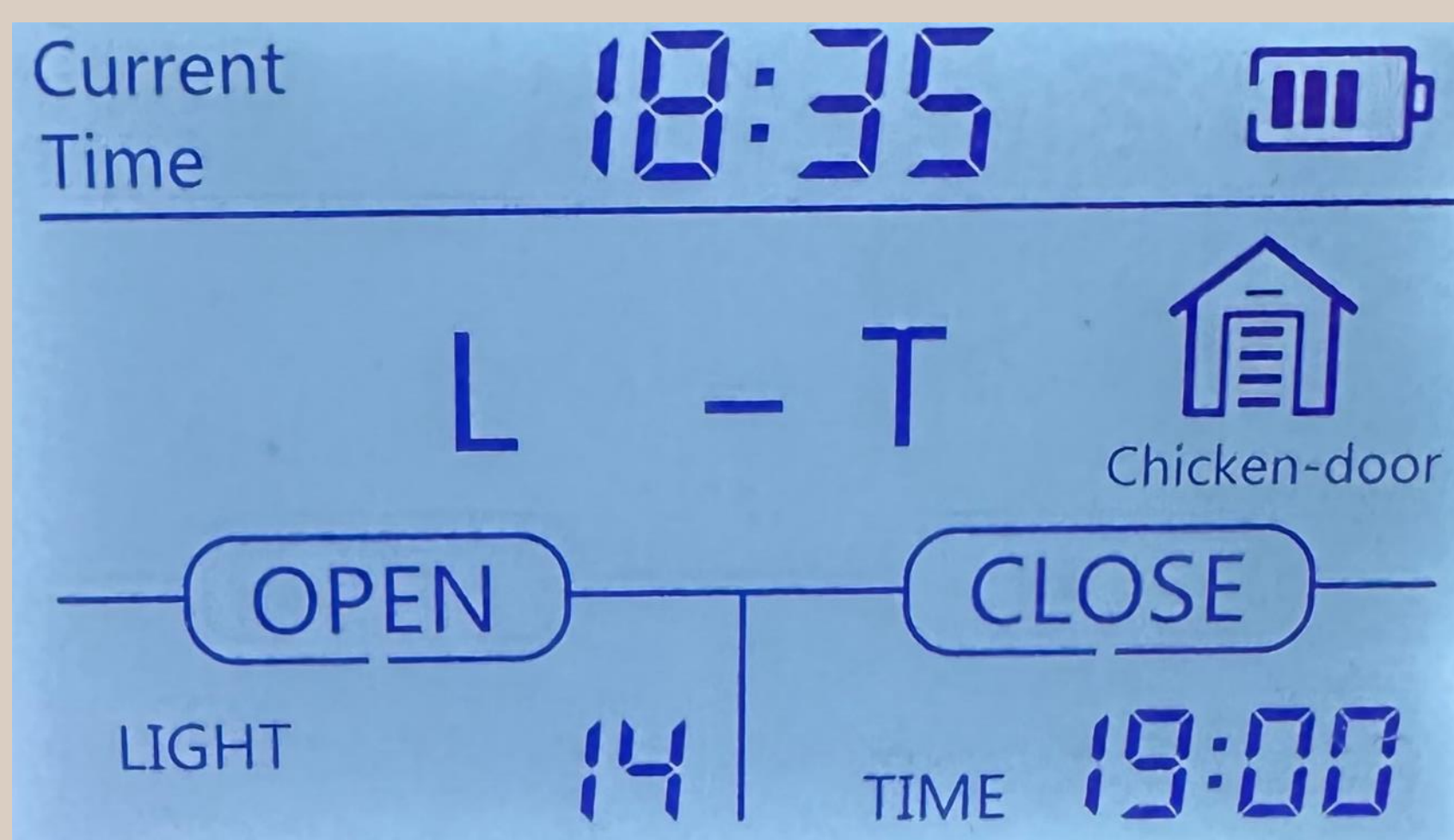
5.7 Set the door Time Close Hours time, 12:00 – 23:59 (12PM – 11:59 PM).

5.8 Push the **SETTINGS** button again.

5.9 Set the door Time Close Minutes time.

5.10 Push the **SETTINGS** button again to confirm settings.

Your screen should now appear similar as below.





Operations Manual

Continued...

6. L-L Mode

6.1 Open Door Light Sensitivity

6.2 Push the **SETTINGS** button after L-T is selected.

6.3 Set the door Open Light Sensitivity.

Options: 0 – 23

0: Door will open when it's early with little light.

23: Door will late with extensive light.

Suggested: Start with 14 and adjust as needed.

6.4 Push the **SETTINGS** button again.

6.5 Close Door Light Sensitivity

6.6 Push the **SETTINGS** button after the Timer OPEN time is set.

6.7 Set the door Light Sensitivity Close.

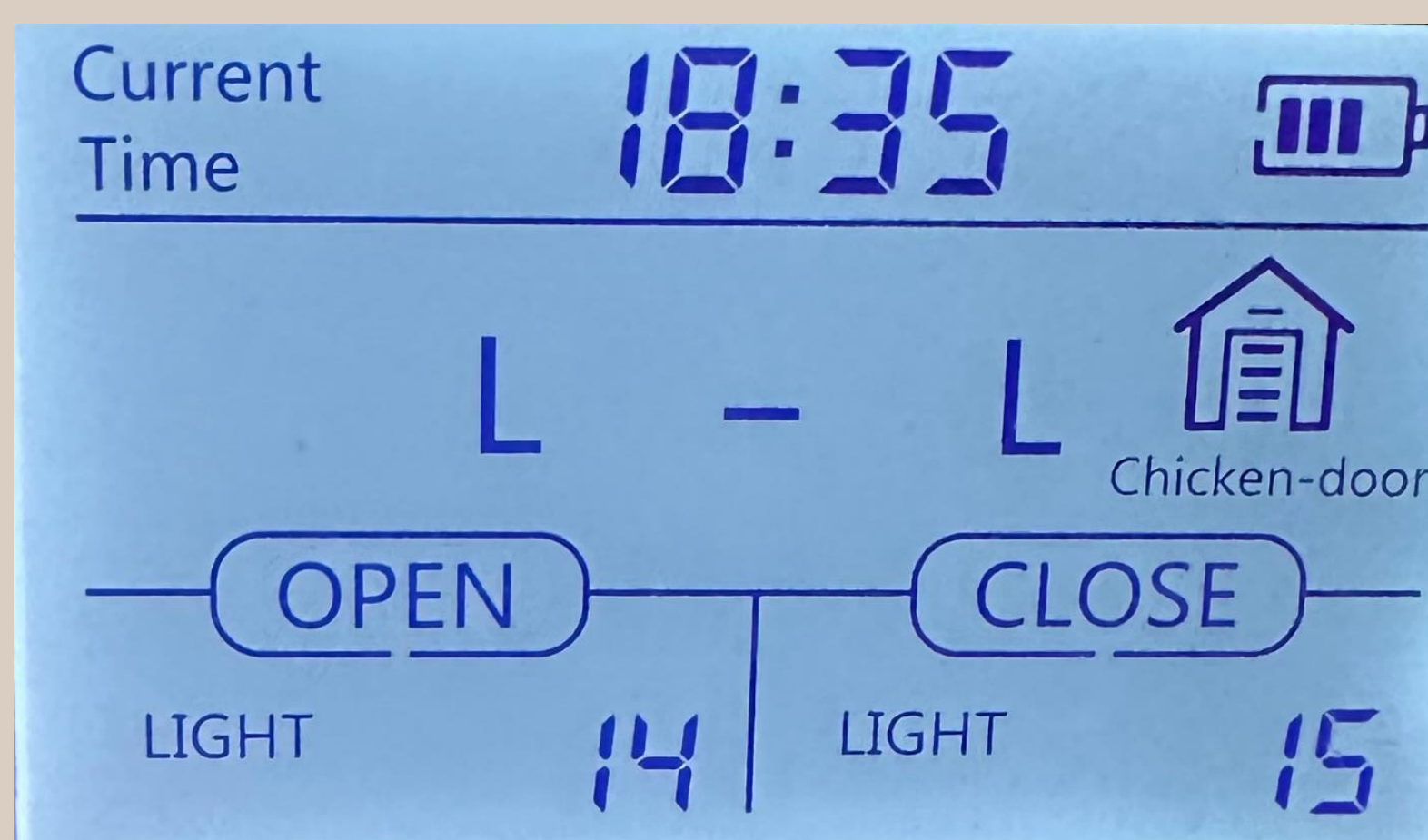
Options: 0 – 23

0: Door will close when it's almost full darkness.

23: Door will close with little darkness.

Suggested: Start with 12 and adjust as needed.

Your screen should now appear similar as below.





How To Power By Solar?

Go to www.FarmLite.Store and click on the How-To Power By Solar tab or contact us via hello@farmlite.store for further help! We will walk you through the process!

What you need:

FarmLite Solar Panel

4 AA Rechargeable Batteries

1. Plug rechargeable AA batteries into the battery port.
2. Buy a FarmLite Solar Panel!

Maintenance & Troubleshooting

Remote Control(s) Not Working

- » Check that the remote control battery(s) are installed in the correct direction and the battery(s) are full of charge. Replace batteries if required.
- » Try re-programming the remote(s).
- » Check that the Chicken Coop Door is powered on.

Chicken Coop Door Does Not Power On

- » Ensure there is power going to the unit.
- » Check the electrical connections powering the unit to ensure they are not dirty or damaged.
- » Try the external battery pack with new double AA batteries, flip the battery pack switch to ON. If the door powers on the power cord is bad.

Chicken Coop Door Does Not Open and/or Close Automatically with the Local Time or Brightness Settings

- » Check to see if the settings used are programmed correctly and the features are not turned off (Refer to Page 13-16 for programming instructions).

Chicken Coop Door Will Not Close

- » Check the motion sensor, if it's dirty wipe it off, if it still doesn't close then shoot us an email and we'll call you or email you back.



Frequently Asked Questions (FAQ)

Can the AC/DC Power Adapter Cord be extended?

Yes, an DC Male/Female extension cable can be used.

(Refer to Page 7 for the dimension DC Plug specifications)

Does the Chicken Coop Door have to be installed on the inside or outside of the of the chicken coop?

It depends on how you plan to use it. If it is installed on the inside of a closed off coop then the light sensitivity settings will not operate properly.

What to do if the Door Jams when opening or closing the door?

Ensure the door frame is installed **flat against the wall** and that there are no foreign debris found in the path of travel of the door. **Also ensure the installation screws are not installed too tight!**

What to do if the Door does NOT open/close all of the way?

1. Ensure no obstructions in the opening.
2. 2. If the door is NOT closing try cleaning the infrared motion sensor off.



Frequently Asked Questions (FAQ)

How do I reach out to FarmLite for Technical support?

Go to our website www.farmlite.store OR send us an email at hello@farmlite.store We are always available to help!

My unit is not working, what do I do?

Check out the rest of this manual or send us an email at hello@farmlite.store We are always available to help!

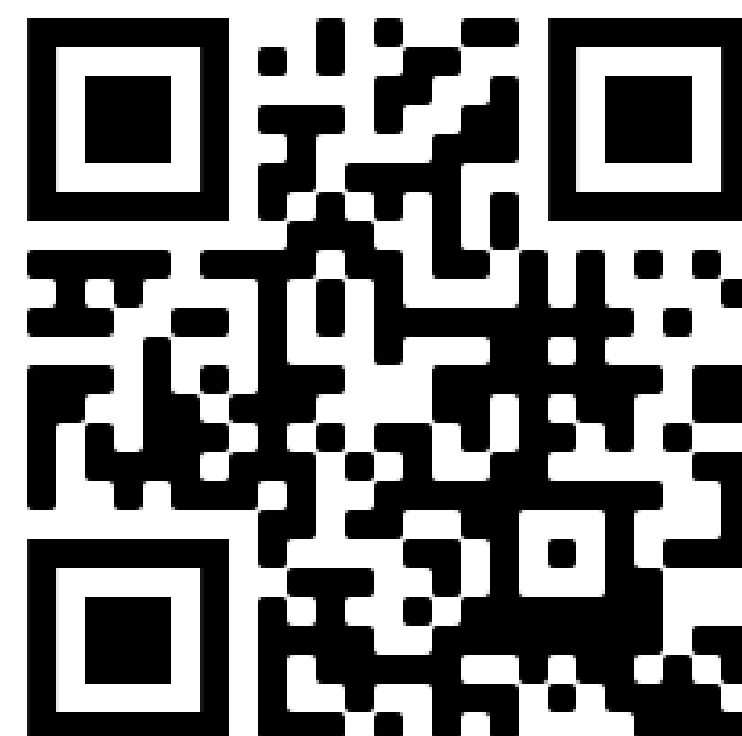
How do I prevent the power supply cord from getting wet?

Use electrical tape and sufficiently wrap the connection point, drill a hole next to the door to run the power supply through so the power supply is not exposed to the weather.

How should I power my door?

Use the power cord and power from your grid or go solar! Send us an email if you need help setting up the solar, it's inexpensive and simple!

Questions? Scan me!





Warranty

Warranty Promise

The FarmLite Automatic Chicken Coop Door is backed by a 12 month warranty. Before processing a part replacement, we'll walk you through several troubleshooting steps, so be patient and allow us to properly diagnose the issue and path forward. Sign up for our warranty on www.farmlite.store

After the 12 months we offer at our cost replacement of parts and shipping.

Void of Warranty

- » If there is any foreign object debris inside the machine or it looks like it's been tampered with the warranty will be voided.
- » If any internal parts have been replaced and/or messed with without contacting FarmLite customer support, warranty will be voided.