



## Dawn till Dusk Doors Installation Guide

Version 2.04

[www.dawntillduskdoors.com](http://www.dawntillduskdoors.com)

**These are the Instructions for Installation of your new Automatic Hen House Door Opener.** The warranty is for 12 months from date of receipt of the product by registered delivery.



**Please read and use these instructions to install and configure your DTD Chicken Coop Automatic Door Opening Unit.**

### Parts Included:

- 1.** The square boxed Operating unit (electronics, motor and fitted lid with attached screw fittings.)
  - a.** Remove lid to install, (this will be refitted after configuration on the Hen House wall.)
  - b.** 4 Screws for securing the box above and off-set from the Door Opening.
- 2.** Battery Pack inside unit with 1 x additional battery to complete set of 4, this is supplied separately.

**Parts Not Included:** you will need to have these already to install the Door Opener Unit.

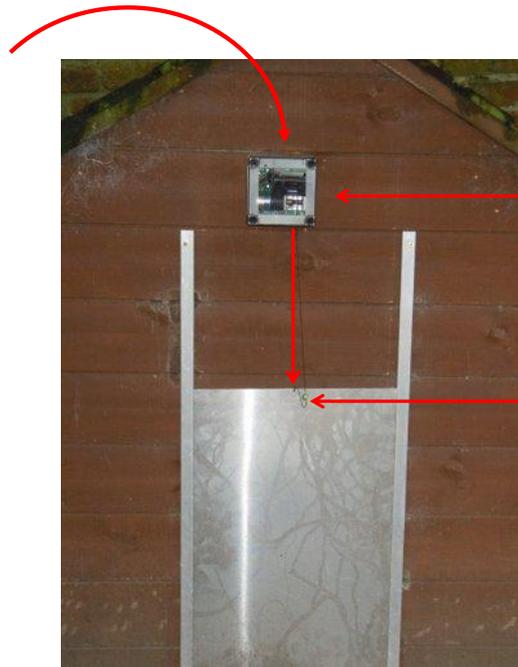
1. Chicken/ Hen House
2. Sliding Door for your Hen House.
3. Sliding Guides for the particular door you are using.



### Installation and Fixing of the Box Unit

The Box unit must be fixed, off-set and above the door as follows:

Off-set the Unit so the Cord Aligns with centre of the door



Offset unit as cord feed is on right-hand side of device

Draw-Chord connected off-set to door

1. **Remove Box lid** via the four corner screws.



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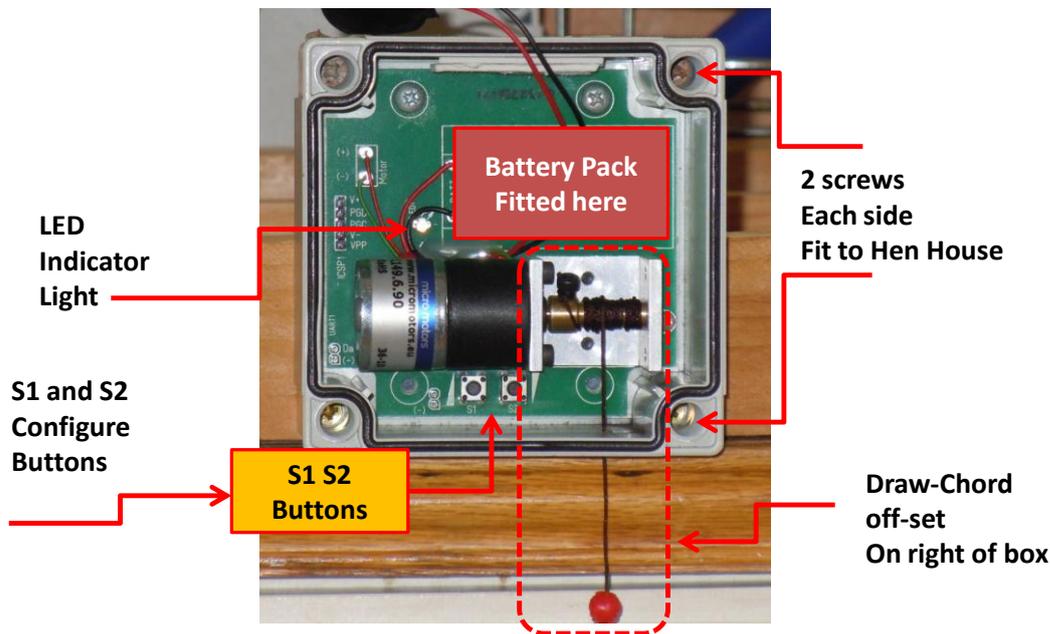
2. **Position the box off-centre** (from the Door Opening) so that the hole with the Draw Cord is above the centre of door. Make sure you allow enough room for the Door to be drawn-up in the fully open position.
3. **Insert the 4<sup>th</sup> additional battery into the Battery Pack** (holder) which is connected to the Battery Connector (the LED May Flash on power up.) inside the unit before you install the unit.
4. **Fix the Box unit (without lid)** Use the 4 Screws provided to fix firmly above and off-set from the door opening. (the screw holes are where you have just removed the lid screws from.)

See over page...



## SET-UP AND CONFIGURE DOOR OPENER UNIT

### Install and Set-Up Your Door Opener



#### 1. The Draw-Cord:

- This is the Cord wound up and down to open and close the Door as shown in rectangle above.
- The Cord Bead, is the red bead shown in the same rectangle.
- The square Operating Unit will be fixed to left of the centre of your Door, so that the Draw-Cord can align with the centre of your door.

#### 2. The S1 and S2 Buttons are used to set and adjust your Door Opener for your correct settings to customise for your particular Door and Hen House.

Use the following sequence of buttons to set and store the correct settings for your Door.



- a. The buttons are located as per diagram inside at the bottom of the unit and labelled S1 and S2.
  - b. The LED (light indicator) will give you feedback as described below so that you know when you have completed each step.
- 3. Press S1 and S2 Buttons simultaneously** once, this sets the Door to Manual Mode to adjust for your door. The LED will be flashing in this mode.
- a. **To adjust the height for closing the door to the correct position for your particular door**, you can drive the motor clock wise (UP) and counter clock wise (DOWN) by pressing S1 or S2 buttons.
    - i. Drive the motor so that the cord is now long enough to attach to the door when in the closed position. (When doing this keep a little tension on the cord.)
    - ii. Now attach your Door to the Draw Cord. Press S1 Button to take up any slack left with cord or S2 if needed to lower the door.
- 4. Now Press S1 and S2 Buttons simultaneously a second time and the LED will flash continuously** (Programming Mode is set)
- a. **Hold down the S1/UP Button to raise the door to the open position;**
    - i. **Make sure the bead makes contact with the box** then release your finger from the button.
    - ii. **Once the button has been released the LED will stop flashing,** the door should then stay in this open position (If fitted in day light.)
- 5. Test that your unit is working correctly:** repeat these tests a few times, just to be certain that your settings are all correct. If not then simply repeat steps as specified above. It is just a case of getting the settings right for the size and distances that the cord must automatically draw-up and let-down for your particular door.
- a. **Night-time test closing door:** by covering the front of the box to simulate night-time (darkness, use the packing box it was shipped in) and the door will close if correctly adjusted and configured.



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- b. **Daylight test opening the door:** uncover the Unit, if correctly installed and configured, the door will return to its open position. If the desired open and close positions are not obtained repeat steps described above, until you have the correct settings for your particular door.
6. **Fix and replace the Lid to the box firmly,** this will ensure your unit is waterproof, using the 4 fitted screw heads on the clear front lid.



**You can use our online Help Desk if you have any queries once you have read these instructions.** Got to our website 'Contact Us' form and send us details. We will respond promptly to your enquiry.

Click here for: Web Enquiry form: <http://www.dawntillduskdoors.com/contact/> or copy this ( url) web address to your internet browser to run-up our Contact Form. You can also access our Support and FAQ (Frequently Asked Questions) area from the Menu bar.

**Thanks for purchasing your Dawn till Dusk Door Controller from us.** We appreciate your business and your feedback. Please refer a friend to our website if you think they would benefit from a **Dawn Till Dusk Door Controller or Drinker.**