Instructions for Control Box - X2-40

Gate Close Delay

To set gate close time, press and hold "Gate Close Delay" button (centre of control board - see fig 1), then count red LED flashes, each flash equals 1 second.
Release "Gate Close Delay" button at the number of seconds you want the gate to delay closing.

If you press <u>and</u> release the "Gate Close Delay" button <u>once</u>, the red LED will flash to indicate how long the gate close delay is set for – 3 to 120 seconds.
See flash indicator instructions below:

Flash Indicator

Any flash less than 2 seconds from button release indicates number of 10's count.
Any flash after 1 second pause from first flash/s indicates number of units.
e.g. 2 flashes followed by a 1second pause followed
by 4 flashes = 24 seconds/count

Obstacle Sensing Count

The Obstacle Sensing adjusts the amount of force required to stop the gate if it detects an obstacle hitting the gate.

Adjustment may be necessary because of gate size, weight, wind etc. To adjust the Obstacle Sensing, press and hold "Obstacle Count" button (on top of control board, see fig 1.), each flash of red light indicates one count.
For example, a normal 14ft farm gate may be set to a count of 6. If pressure to stop gate is too harsh, reduce obstacle count.
To check the obstacle sensing count, press and release the "Obstacle Adjustment" button on top of control board, the red LED will flash to indicate number of counts as per flash indicator above. Range is1 – 9, factory setting is 6

If the red LED flashes occasionally as the gate opens or closes this indicates the gate sensing is close to stopping and reversing the gate, and count may need to be increased.

If the gate senses an obstacle it will stop and reverse in slow mode until open or closed.
If the gate senses an obstacle again when in slow mode it will just stop. Press button 1 on your remote or a visitor button to continue the gate Open or Close.

Note: Setting Obstacle Count to: 1 will automatically go to 6 when reset is pressed.
2 will disable obstacle sensing.(12)
3 – 9 normal

Soft Stop

Soft Stop slows the gate before it reaches closed position. It has 10 delays (3 to12 seconds) from start of close with default set at 8 (approx 8 seconds)
To Check/Adjust:
   a. Turn on "Soft" delay (SW5) and all other switches off
   b. Press and hold "Reset", press and hold "Gate Close Delay", release "Reset" then release "Gate Close Delay".
   c. The red LED will display 3 long dashes then quick flashes to indicate seconds before soft starts from start of close.
   d. Press and release "Gate Close Delay" number of times to change soft delay seconds. (3-12 seconds)
   Min 3, Max 12 seconds (each press = 1 second)
   e. Press OPCL to display changes and exit.

Double Gate Close Delay

If gates have an overlapping leaf and one gate must close before the other then set DIP SW1 or SW2 on and press reset button.

SW1 delays gate 1 from closing for 1-8 seconds - delays gate 2 opening for 3 seconds.
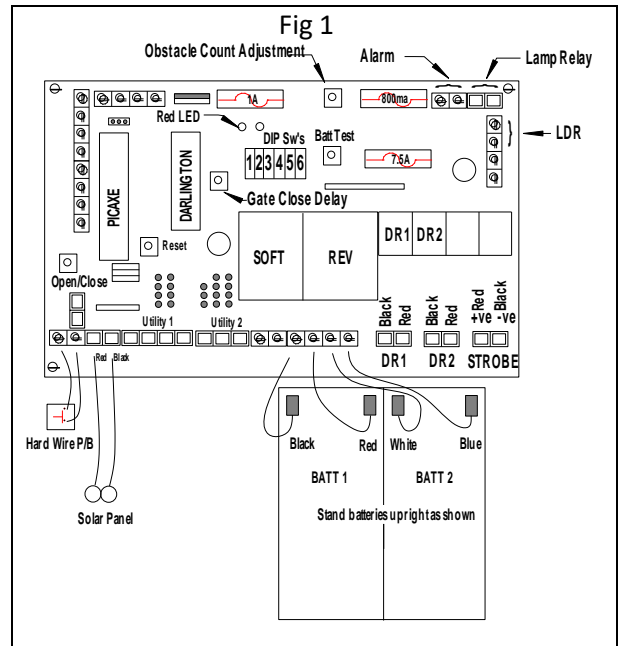SW2 delays gate 2 from closing for 1-8 seconds - delays gate 1 opening for 3 seconds.

To set gate 1 or gate 2 close delay time:
   a. Turn on SW1 and turn off all other switches
   b. Press and hold "Reset" button.
   c. Press and hold "Gate Close Delay" button (centre of control board)
   d. Release "Reset" button, then release "Gate Close Delay" button.
   e. Red LED will display a dash for 1 second then indicate one short flash for each second of delay that is set – 0 to 8 seconds.
   f. To change seconds, press and release "Gate Close Delay" button, do for seconds required. Each press is confirmed with a short flash.
   g. If seconds are correct just press and release "Open/Close" button to return. Seconds set will be indicated as in d.

   Note: 1. SW1 (Drive 1) or SW2 (Drive 2) must be on.
   2. If SW1 or SW2 is on that gate will open first then delay closing by delay set.
   (0 will allow both gates to start closing together).
   3. The maximum time that can be set is 8 seconds.
   4. By design, the motor on the clockwise closing gate will close faster than the anticlockwise closing gate.

NOTE: All new shipments are pre-set as follows:

Gate Close Delay:	Set to 15 seconds
Obstacle Sensing Count:	Set to 6
Double Gate Close Delay:	Set to 0 seconds
Soft Delay:	Set to 8 seconds

Fig 1