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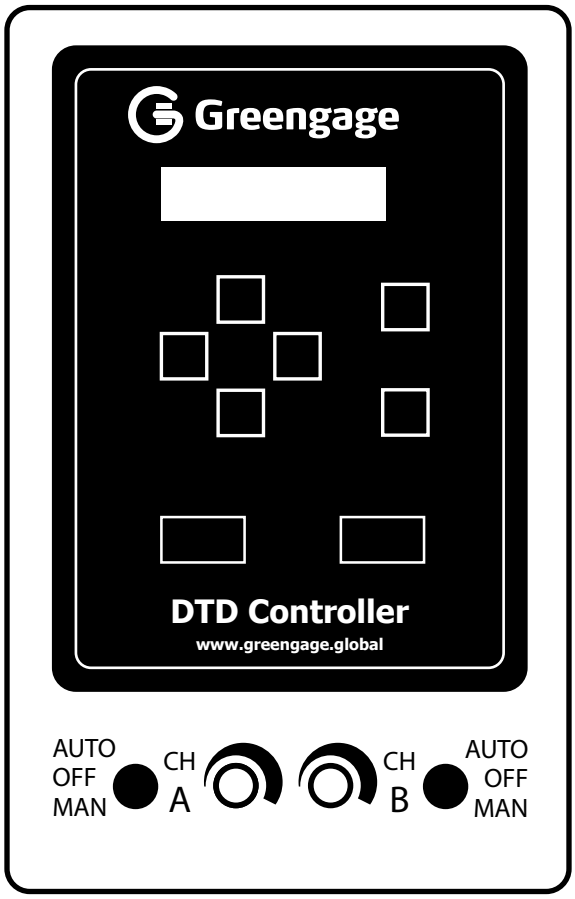
DTD Controller

Instructions



Greengage
Enlightened Farming

CE

Version
1.8
CE

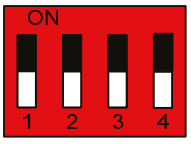
Lighting Contoller Menu (multi ramp software)

Main Power On Indicator

Ramp Up Indicator

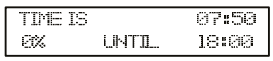
Ramp Down Indicator

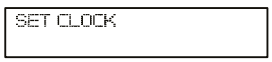
(Flashes during ramping cycle, Solid when cycle complete)



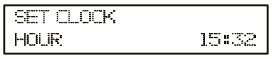
With the Dip Switches set in this configuration the unit is set to Multi Ramp mode (Two channel with five ramp up events and five ramp down events on channel A five ramp up events and five ramp down Events on channel B).

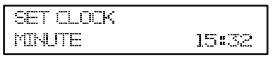
Setting the Clock

1. From Home 

screen press down cursor ↓ until Set Clock 

screen is displayed.

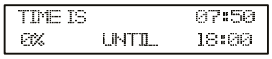
2. With the Right Cursor → Select the Hour 

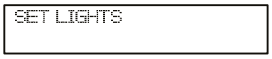
Set screen Use the Up/Down ↓ ↑ cursors to set current Hour press Enter ENTER to accept. With the Right Cursor select the Set Minutes 

Set screen Use the Up/Down Cursors to set the current Minutes press Enter to accept.

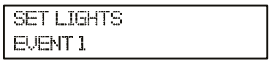
3. After 30 seconds of inactivity the unit will return to Home Screen or press Restart RESTART to return to home screen instantly.

Setting the lights on/off times, maximum/minimum brightness and fade (ramp up/down duration)

1. From Home 

screen press down cursor  until Set Lights 

screen is displayed.

2. With the Right Cursor  Select the Events 

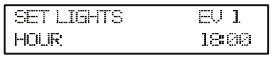
screen Use the Up/Down cursors  to select the event you wish to alter.

Events are set out as follows (this is only a guide)

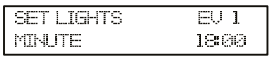
Event 1	CH A	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 2	CH A	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 3	CH A	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 4	CH A	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 5	CH A	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 6	CH A	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 7	CH A	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 8	CH A	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 9	CH A	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 10	CH A	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 11	CH B	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 12	CH B	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 13	CH B	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 14	CH B	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 15	CH B	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 16	CH B	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 17	CH B	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 18	CH B	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time
Event 19	CH B	Time Lights on	Lighting Max Brightness	Fade (Ramp Up) Time
Event 20	CH B	Time Lights off or dimmed	Lighting Min Brightness	Fade (Ramp Down) Time

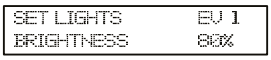
if Less than 5 Lighting cycles are required on each Duplicate figures in last used event for remaining events.

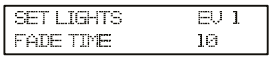
Keep events sequentially between 12:00am and 11:59pm as rolling over midnight in the middle of events can cause events to not work correctly.

With the Right Cursor select the On/Off 

Hour screen Use the Up/Down Cursors to set the Hour to start ramping Up/Down, press Enter 

to accept. With the Right Cursor Select the On/Off Minute 

screen Use the Up/Down cursors to set the minutes you wish the lights to start ramping Up/Down press Enter to accept. With the Right Cursor select the brightness 

screen Use the up/Down Cursors to set the Max/Min brightness level, press Enter to accept. With the Right Cursor Select the Fade Time (Ramp Up/Down) 

screen Use the Up/Down cursors to set the required ramp time (this adjusts in 5 minute increments). press Enter to accept.

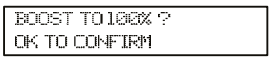
3. Using left  cursor return to the Events screen and use the up/down  cursors to select the next event to be set and repeat step 2 to set all subsequent events.

4. After 30 seconds of inactivity the unit will return to Home Screen or press Restart 

to return to home screen instantly.

<u>Boost Button (this temporarily runs lights at 100% for personnel to access shed)</u>

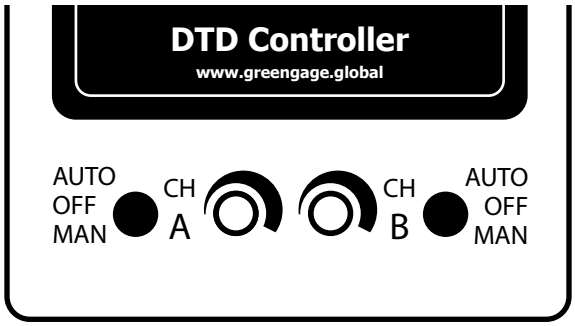
1. Press and hold Boost 

Button for about six seconds until Boost confirmation 

screen displays, press Enter 

to confirm Press enter to add an extra 10 minutes or return 

to go back to Home screen.



User Switch Control

The DTD Controller has twin outputs. The controller operates in either automatic and manual mode.

To select automatic mode, move the toggle switch up into the AUTO position for either one of the A and B channels or both. The output will now be dependent on the programme in the DTD itself.

To select manual mode, move the toggle switch down into the MAN position for either or both channels A and B. The output will now be dependent on the position of the channels potentiometer.

To increase brightness, rotate clockwise.

Installer Switch Settings

The DTD Controller is designed to work with up to four ALIS Dimmers joined in parallel on both channel A and B (totalling eight over both channels).

On install, the dip switch is required to be set to match the paired ALIS Dimmer quantity on both channel A and B.

If **one** ALIS Dimmer is connected, then Dip SW 1 is set to ON.

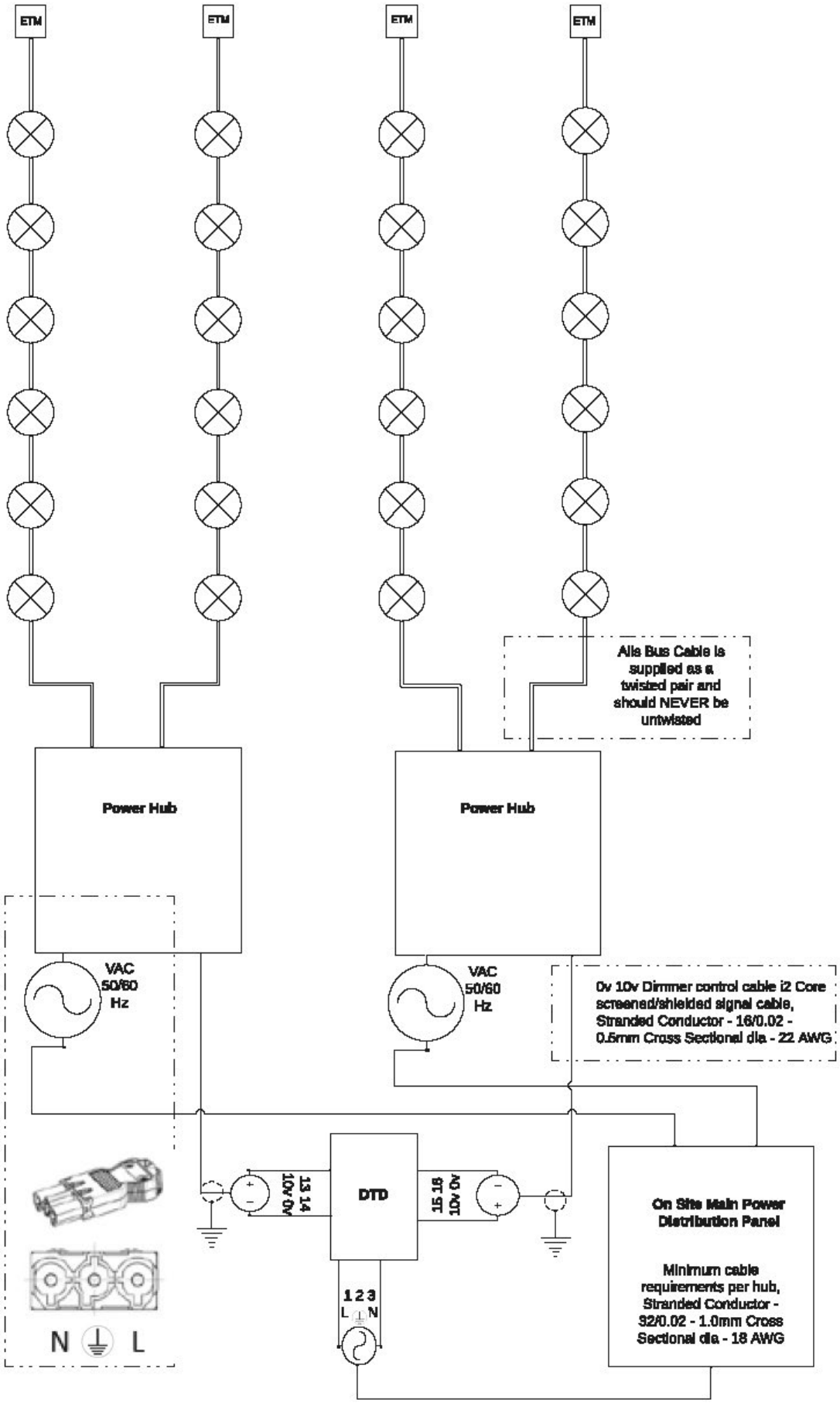
If **two** Dimmers are connected, then both Dip SW 1 and 2 are set to ON.

If **three** Dimmers are connected, then Dip SW 1, 2 and 3 are set to ON.

If **four** Dimmers are connected, then Dip SW 1, 2, 3 and 4 are set to ON.

Failure to observe these settings will affect the brilliance levels obtainable in manual mode only.

Connection diagram

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