



VERTICALLY URBAN

EZ CONTROL

INSTALLATION INSTRUCTIONS



THIS PRODUCT IS HIGH VOLTAGE. TAKE EXTRA CARE DURING INSTALLATION.

PLEASE ENSURE YOU HAVE READ THE FOLLOWING INSTRUCTIONS THOROUGHLY AND CAN UNDERTAKE THE REQUIRED ACTIONS BEFORE COMMENCING INSTALLATION.

IF YOU HAVE ANY QUERIES, PLEASE CONSULT VERTICALLY URBAN TECHNICAL SUPPORT DEPARTMENT BEFORE PROCEEDING.

THIS PRODUCT SHOULD BE INSTALLED BY A CERTIFIED ELECTRICIAN AND FOLLOW LOCAL REGULATIONS.

REVISION TABLE				
REVISION	DATE	COMMENTS	AUTHOR	APPROVED BY
A	11/01/2023	DOCUMENT CREATED	J.VEAL	M. ASH

The EZ CONTROL 0-10V is a standalone controller for installations that require dimming and on/off timer functionality to control 0-10V LED drivers and luminaires.

Up to 4 timers per day can be set and there is an override function to turn the lights on manually when a timer is not active.

CONTENTS

1. COMPONENTS LIST	3
2. PHYSICAL INSTALLATION	3
3. ELECTRICAL INSTALLATION	4
4. OPERATING INSTRUCTIONS	5-6
5. CAUTIONS	7
6. DISCLAIMER	7

COMPONENTS LIST



PHYSICAL INSTALLTION

- 1** Secure control enclosure to desired surface using screws in the locations shown below.



ELECTRICAL INSTALLTION

- 1** Loosen screws on terminal cover and remove.



- 2**



CONNECT

230VAC Supply to **AC Live** and **AC Neutral** via gland (inserting wires into corresponding terminals)

CONNECT

0-10V Dimming Cable to **GND** and **DIM+** via gland (inserting wires into corresponding terminals).

Maximum output as per 0-10V standards is 2mA which equates to 20x Meanwell/Inventronics drivers. Check other drivers for their specified load.

Tighten terminals and glands to seal wires and cables in place before proceeding.

- 3** Refit terminal cover and tighten fixing screws.



OPERATING INSTRUCTIONS



ALL SETTINGS AND CONTROL ARE OPERATED BY PRESSING THE LABELLED BUTTONS ON THE CONTROL PLATE, THE DISPLAY WILL REFLECT THE FUNCTION BEING UNDERTAKEN.

SET THE CLOCK

1. Press **CLOCK SET** button, to enter 'time and date setup'.
2. Use **SET -** and **SET +** buttons to change values up/down.
3. Once desired value for a parameter (i.e. DAY) has been set, press **CLOCK SET** button to move to next parameter.

Once all required parameters have been set, the controller will save them to the internal memory with an audible beep and message on the display.

The controller will then return to the main display page.

SET THE TIMER(S)

There are 4 timer(s) in the controller, you can use 1, 2, 3, or 4 of them.

1. To set timer(s) press **TIMER SET** button, to enter 'timer setup'.

The first page displayed will show T1-T4, these are the 4 available timers.

2. Use **SET -** and **SET +** buttons to toggle the timers between "1" and "0".
("1" = timer is ACTIVE, "0" = timer is INACTIVE)

To move between 4 timers, press the **TIMER SET** button.

3. Once you have completed setting the timers to active/inactive, press **TIMER SET** button to take you to the setting page for timer 1.
4. Use **SET -** and **SET +** buttons to adjust the hour and minute values for timer *on* and timer *off*. Move along the values by pressing the **TIMER SET** button.
5. Once all values of timer 1 are set, press **TIMER SET** button to progress to timer 2 page. Continue setting the values for all timers...

The final **TIMER SET** press of timer 4 will then sound an audible beep and give a saved to memory message. You will then be returned back to the main page.

NOTE: Even if you set the hour/minute for timers, they will **not activate unless they were set to “1” (activated) in the first page.*

SETTING THE DIM LEVEL

1. Use **DIM +** and **DIM -** buttons to set the dim value for when the controller is activated (timer turns on, or override is pressed).

The % dim level is displayed in the top right of the screen.

Note: DIM Level is a master level and controls the DIM % for all timers and override settings.

OVERRIDE

Pressing the **OVERRIDE** button allows you to turn the lights ON or OFF when no timer is activated. This can be used to check the lights operation or for cleaning etc.

The override will be cancelled when a timer event takes place.

CAUTIONS

- △ Please take note of the ingress protection rating when deciding location.
- △ Always allow sufficient slack not to overstretch the cables. Do NOT bend cables beyond their specified bend radius.
- △ Make sure all connections made are tight with no loose strands and with an appropriate IP rating.
- △ Do NOT hot-plug – isolate all power before adding or removing products.
- △ Do NOT reverse polarity.
- △ Always allow sufficient slack on the supply cable to remove the control system from its position for any further maintenance.
- △ Make sure the supply cable is not in contact with any sharp objects; do NOT leave the cable or any connector exposed to rain/moisture for any period.

DISCLAIMER

- △ All images are representative and may not be the actual product supplied, depending on the ordering options.
- △ The product should be installed by a certified electrician and follow local regulations.
- △ Take extreme care when working with mains voltages.
- △ There are no user-serviceable parts inside this unit. Do NOT attempt any repairs yourself. Doing so voids your manufacturer's warranty.
- △ Do NOT allow the product to operate in ambient temperatures above the maximum ambient stated on the datasheet. Doing so will void any warranty.
- △ Do NOT use aggressive cleaning agents! Any warranty will not cover any chemical damage to the seals.