

## DALI WALL PLATE CONTROLLER

Programmable multi-function DALI Controller



### General Information

- Available in both black and white.
- Configurable start addresses from 00 to 64.
- Intuitive high fidelity touch interface.
- LED intensity and selection indicators.
- DALI bus powered.
- This device will require an external DC power supply (not included) for normal operation.

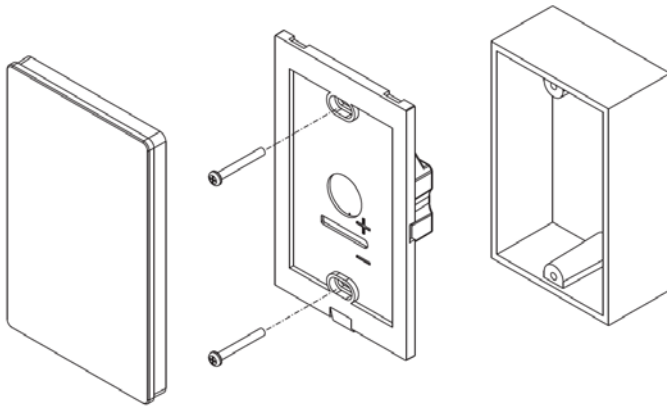
### Features

- Full compliance to the DALI protocol.
- Control of 4 independent zones, each comprising of 4 channels.
- Dimming control. Each zone can be set to be 4 DALI addresses or 4 groups.
- A maximum of 3 scenes can be saved.
- Suitable for Single colour LED's.
- IP20 Rated

### Technical Specifications

Item	Value
<b>Input Voltage</b>	12-24VDC
<b>Current Draw</b>	200mA
<b>Max Channel footprint</b>	16
<b>Supported Protocols</b>	DALI
<b>DALI</b>	IEC 60929 and IEC 62386
<b>Control Resolution</b>	8 Levels with intermediate fading.
<b>Zones</b>	4
<b>Max Channels per zone</b>	4
<b>Human Interface</b>	High Fidelity Touch Panel
<b>Connectors</b>	Screw terminals
<b>Environment</b>	Ambient: 20 C to +30 C Humidity: 0-50% non-condensing
<b>IP Rating</b>	IP20

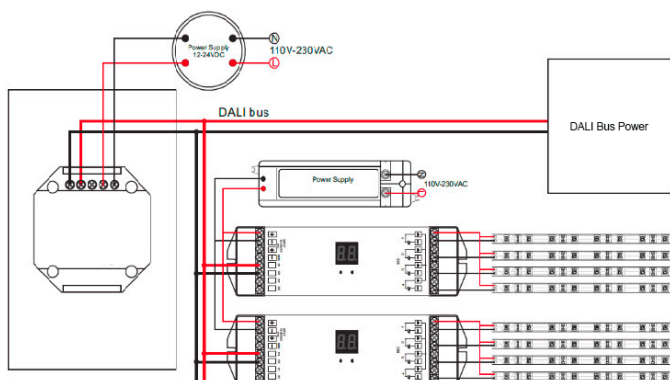
## Installation



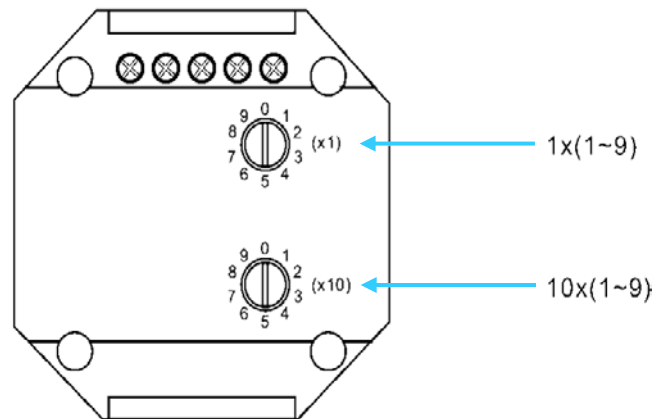
Designed to be installed within an installation grade junction box with an bolt spacing of **82.5mm** centre to centre.

- This product should be installed and serviced by a qualified person.
- Do not expose this unit to direct sunlight or water. If installed outdoors, ensure it is mounted within a waterproof enclosure.
- Never connect any cables whilst the power is on and always assure correct connections before switching on to avoid short circuits and irreversible damage.
- Ensure the output voltage of any power supplies used comply with the working voltage of the unit.
- This product should be installed and serviced by a qualified person.
- Always be sure to mount this unit in an area with proper ventilation to avoid overheating.

## Wiring Schematic



## Introduction to Addressing



Set the starting address "X" on rear using the rotary encoders to a value between 0 and 63 using both the (10x) and (1x).

e.g. '3' (on the 10x rotator) & '6' (on the 1x rotator) = **36**

Once set;

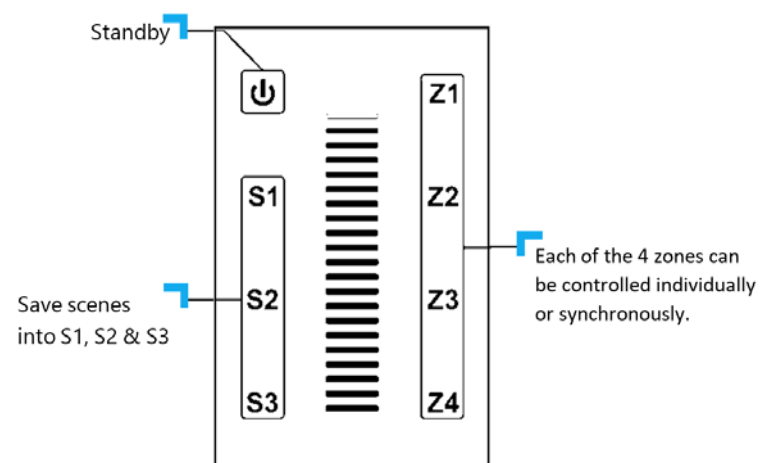
Z1 will control DALI address "X"

Z2 will control DALI address "X"+1

Z3 will control DALI address "X"+2

Z4 will control DALI address "X"+3

## Panel Layout



## Saving a State

After wiring the unit as depicted in the wiring schematic, power it on using the standby icon. Use the slider to create your desired aesthetic using any of the zones.

To do this touch Zone button Z1/Z2/Z3/Z4 separately over 2 seconds. When the blue backlight is illuminated, it signifies the zone is active. When the backlight is amber it signifies that the zone is OFF.

To save the look to either S1/S2/S3's memory, touch the desired State button for 2 seconds, the LED will flash once this has been saved.

Z1  
Z2  
Z3  
Z4

## Recalling States

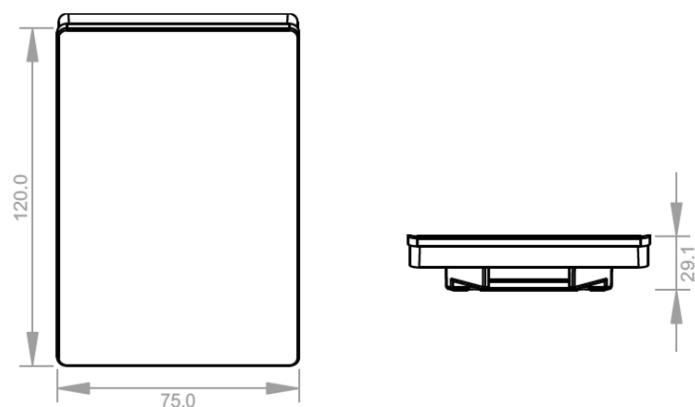
To recall any of your saved states, simply touch the corresponding state button. The controller will then fade between each of these states over a duration of 2 seconds.

The Standby button will fade all values to 0 over a duration of 2 seconds.

⏻  
S1  
S2  
S3

## Dimensions

Item	Value
<b>Weight</b>	0.170Kg
<b>Height</b>	120.0mm
<b>Width</b>	75.0mm
<b>Depth</b>	29.1mm
<b>Depth</b> (Excluding front plate)	19.1mm



Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice. For the latest version of this manual contact your local ENTTEC vendor.

## Ordering Information

ENTTEC DALI WALL PLATE CONTROLLER and related products can be ordered from our website or through your ENTTEC dealer using the following part numbers.

Item	Value
79337	DALI WALL PLATE CONTROLLER



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