

# AXPL98DH1

## Pluggable Addressable DALI Output, 8 Input LCM - Two Part Fixing

### Key Features

- Software programmable (accommodates building tenant changes)
- Compatible with occupancy & absence sensing, daylight sensing and timed override for energy conservation and carbon reduction
- Low profile (61mm) for use in restricted ceiling voids
- A single DALI Bus provided to nine output sockets
- Four RJ11 inputs for connection of occupancy, absence, daylight and combined sensors
- Four sockets to accept terminal connections (for wall switches)
- Emergency lighting testing with optional feedback
- Multiple scene setting
- 2 part fixing type (base plate ordered separately)
- 1 part fix option also available

### Overview

The Greengate Pluggable DALI LCM offers all the benefits of the Greengate Pluggable LCM and distributes a fully addressable DALI Bus across 9 outputs providing:

- Ballast detection
- Lamp error signal
- Sub-addressing capability
- Broadcast addressing capability
- Full digital control over the lighting range including off
- Fade processing support
- Ballast "Persistent Memory" programming

Where connection is to a DALI emergency ballast using the extended DALI emergency protocol, monitoring of lamp failure, battery failure and ballast failure is also available.

In addition these units have 8 sensor inputs as standard.

A single fix version is also available which is ideal for use in structured wiring applications whilst this two part module may be used in conventional wiring applications.

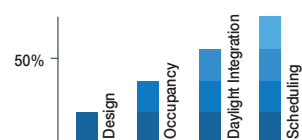
Each LCM is software upgradeable, no additional cards or equipment need be purchased.



### Code Compliance

- Improves BREEAM & LEED scoring for building sustainability.
- Contributes to energy reduction targets under Climate Change Levy (CCL) and Carbon Reduction Commitment (CRC).
- Qualifies for Enhanced Capital Allowance (ECA) applications.
- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

### Achievable Energy Savings



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## Suitable For

Cellular office  
Open plan office  
School classroom  
Lecture theatre  
Retail complex  
Public library  
Sports hall  
Airport terminal  
Hospital wards  
Factory production area  
Workshops  
Corridor & staircases  
Foyer & atriums  
Plant room  
Storeroom  
Consulting room  
Meeting room

## Additional Features

Internal LED Indicators  
For ease of maintenance, showing network status and power supply status

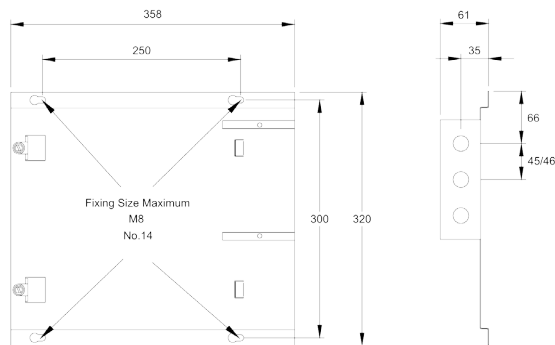
Reduced Inrush  
Two second delay time between individual outputs at power-up

Program Port  
For software upgrade or introduction of bespoke program

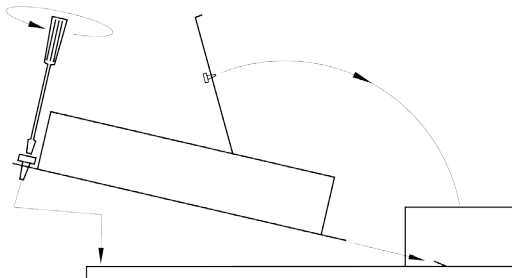
Outputs  
Nine outputs distributing a common DALI bus.

Emergency Test  
This unit is designed for use with DALI EM PRO emergency ballasts. Please contact Cooper Controls for compatibility with other types of emergency ballast.

## Dimensions



1/2 Turn Fixing



## Technical Information

Construction: Folded galvanised steel enclosure

Dimensions: 358 x 320 x 61mm (L x W x H)

Fixing:

Dual Fix for conventional wiring situations, utilizes a separate base unit for power and bus wiring. Lid introduced as a second fix item - 4 x 8 mm diameter at centres 250 x 300mm (L x W)

Also available as a Single fix option, (AXPL98DM1) installed as part of pre-fabricated wiring system utilising 'T' pieces

Weight: 2.5Kg

Temperature: 0 to 45°C (non condensing) IP20

Supply: 230V~AC 50Hz single phase

Max output per LCM: 16A

Max output: 4A per channel, 5A per group

Channel groups: 1-3, 4-6, 7-9

Max emergency: 5A

Max LCM input load: 40 mA

## Contact your local Eaton office

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