

# 8 CHANNEL HARDWIRED LCM

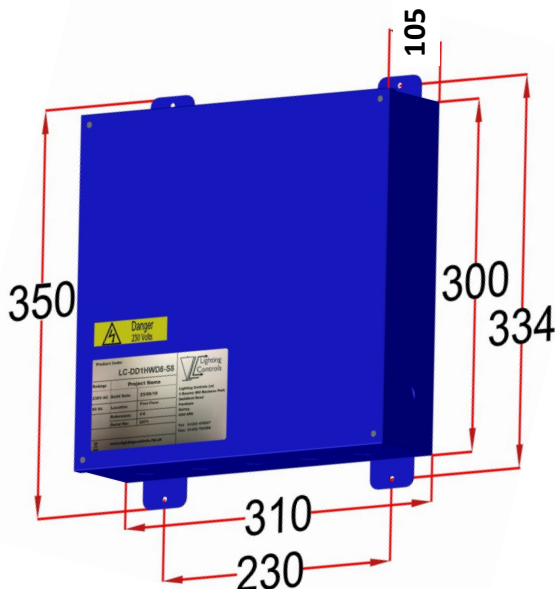


Our ecoLUX Hard Wired LCM controls up to 8 channels, all of which can be programmed for: DALI Broadcast, DSI, 0-10, 1-10 or switching. It also has an integral emergency test relay. The enclosure has been designed in powder coated steel so it can be installed into a riser and can be supplied with a key switch for emergency and override testing. Each Channel is capable of being programmed to control up to 5 DALI/ DSI, 1-10volt or HF switching ballasts or drivers. A normally closed relay is provided for the testing of emergency Luminaires. 10 CAN PIR's and/or scene plates can be connected to the LCM with 8 inputs provided for connection of 8 push to make or 4 x 2way off switches. All connections are via hardwired terminals.

**Part Numbers:**  
**LC-DD1HWD8-S8**



ECOLUX DATASHEET



- 8 channels with each channel rated for 10A load
- Configurable 0-10V or DALI control outputs
- 2 hardwired CAN connections
- 3 x RJ12 for CAN PIRs and Scene Set Plates
- 10-pin hardwired connector for 8 volt-free inputs
- CAN booster ready
- Option to be supplied with a key switch
- The LCM is not powered from the bus and requires a permanent mains supply from the relevant lighting circuit
- Terminal wiring for single mains supply and outputs
- 2 core CAN bus connection

## Network Isolation

This LCM has two isolated networks. The field wiring CAN bus which networks the LCMs is isolated from the peripheral bus which connects PIRs and scene plates. Should a wiring problem occur on one LCM peripheral, it will not affect other LCMs. Should field wiring become compromised then LCMs will stand alone and continue to function.

Max no. of Scene Plates/ PIRs	10
Inputs	8 clean contact
Field comms	CAN BUS, 2 internal screw terminals
Local comms	CAN BUS 3 x RJ12 pre terminated
Luminaire connection	Hard Wired
Configuration memory (removable)	256K (non-volatile)

Supply voltage	90-240 V AC 50Hz
Power consumption	Off load - 1.2 watts All channels on - 4 watts
Internal fuse	1AT
Load (total)	10A
Load per channel	6A
Case material	Powder Coated Steel
Operating temperature	-10 to +50°C
Max Humidity	90% RH non-condensing

**IMPORTANT:** Information contained in this datasheet is subject to change at any time without notice. Installation guides are available on our website ([www.lightingcontrols.ltd.uk](http://www.lightingcontrols.ltd.uk)) or call us on 01252 470 027.