

### Description



The UBi Test and Power is a patented Australian invention and is a DALI connect/disconnect, test and distribution device. The Ubi provides distribution of DALI via 5 parallel DALI connections which may be individually connected and disconnected as required, for example during commissioning.

The UBi also provides a visual warning of unsafe voltages e.g. 240VAC mains voltage.

The 4mm banana sockets provide a quick, easy, and safer means of connecting to a DALI line.

A test button on the keypad provides an easy Min/Max DALI output that is used to test DALI communication.

**Please note that the UBi Test Functionality is disabled by default and will return to disabled on power cycle. To enable, long press the test button for 4 seconds. Please see functionality below.**

### Functionality

The UBi has a test button on the front which allows for a 10-minute Min/Max test. The device will send out DALI Broadcast RECALL MAX and RECALL MIN until the timer has expired, or the button has been pressed a second time. A mimic LED on the device will also flash at the same rate.

The test functionality can be enabled by holding in the test button for 4 seconds. To exit this mode, hold the test button in for another 4 seconds, or power cycle the device.

Pressing the test button during disable mode will quickly double flash the LED but will not send out DALI.

Default operation is test functionality disabled.

### Physical

The case is made from UL94V0 flammability rated material and suits standard DIN rail mounting. The UBi is 37mm (w) x 110mm (h) x 63mm (d).

## DALI Line Power Supply

The UBi comes in two versions: Powered, and non-Powered. The UBi Power provides DALI power of 20.5V and 245mA. Both versions require 24Vdc in.

## Warnings

- DO NOT connect onto any DALI line when the overvoltage indicator is lit.
- DO NOT rely on the indicator – always check voltage on the line by use of suitable test tool, such as Fluke meter and Control Freak ADDICT, with mains-rated leads and connectors, such as the Control Freak 600VAC Universal Lead set, via the 4mm banana sockets provided on the front of the UBi.
- ALWAYS treat DALI as having mains voltage potential. Even though DALI operates on SELV DC, it can accidentally have mains voltages present.

## Compliance

The UBi is safety certified and immune to mains voltages.

The UBi complies with  
AS/NZS 61347.2.1  
EN 55015 + A1  
EN61547+A1.

EMC: C Tick and CE.

## Wiring

It is recommended for convenience that you terminate DALI cabling from the DALI controller into one of the 2-way DALI terminals and separately terminate the DALI cabling out to the DALI devices using one or more of the remaining 2-way terminals.

Each 2-way DA terminal has a positive and a negative and these are in parallel with the other 2-way terminals.

Note that DALI does have polarity, however, is not polarity-sensitive.

## CAD



Creative Lighting can provide CAD blocks and drawings for the UBi and our other products on request.

## Warranty

Refer to the Creative Lighting Warranty Statement

## Other Products

Creative Lighting is now celebrating its 32nd year with products that are used and installed around the world including:

[SLAMMO](#) led dimmers for DALI DMX512 DSI and RDM

[DIDIO](#) Scene & Group Controllers, Sequencers, Interfaces: DMX-DALI, SCI-DALI, SCI-DMX

[LIDA](#) DALI AC controllers for Contactors/relays, Fans and HID loads

[ADDICT](#) tools for DALI, DMX and RDM with optional wireless for up to 900m indoors or 22km outdoors

[UBi & UBi Power](#) DALI Test, Power & Distribution devices

[DALI to 0:10V](#) translators

[DMX512 Splitter](#) Repeaters Standard DIN mount, 1 in 4 out

[Universal Lead sets](#) 600VAC + rated, suits standard multi-meters, ADDICT and UBi products