


**Order Code** DGLMIFU01

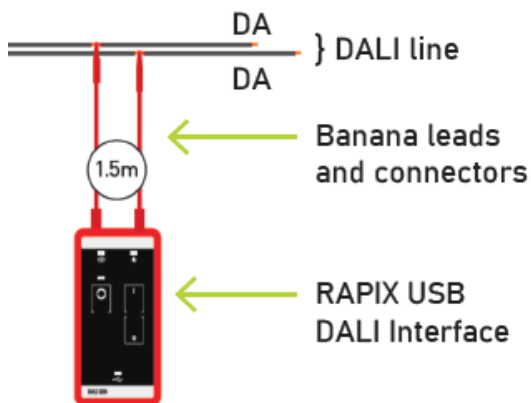
**Overview**

Enables an installer to use RAPIX software for fast and easy programming and changing of DALI Short Addresses in DALI Lighting and Emergency Control Gear, as well as DALI-2 switches, sensors and input units. The RAPIX Addressing software allows this can be carried out from a PC or via a Wi-Fi connected smart phone / tablet.

The device also allows a quick and easy method to test basic communication of a DALI line without connecting to a PC.

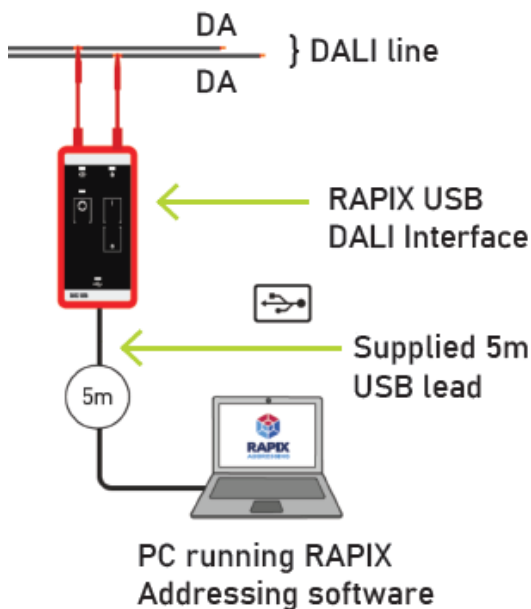
**Features**

- Works together with the RAPIX Addressing PC software to allow simple and fast DALI Short Address assignment from a mobile device or from a PC.
- Allows assignment and change of DALI Short Addresses for DALI and DALI-2 drivers, relays, dimmers and Emergency Control Gear. Also allows address assignment for DALI-2 switches, sensors and other input units.
- Allows fast and easy connectivity and basic operation testing for units on a DALI line without even connecting to a PC.
- Includes buttons to allow manual control of all units on a DALI line during the commissioning process.
- Buttons on the device allow all units on a DALI line to be manually toggled ON and OFF, faded UP and DOWN (if the control gear allows) and cycled ON / OFF.
- Connects directly to a DALI line via the supplied banana plug connectors.
- Connects directly to a PC via the supplied USB lead.
- Separate LED indicators for DALI communications, DALI line power, USB connectivity, DALI device cycle.
- Also supported by RAPIX Integrator for more complex single-line DALI setup.
- Rugged, hand-held device housed in a protective silicon case.
- Designed and manufactured in Australia.
- Complies with DALI standards IEC 62386-101 and IEC 62386-102.
- DALI-2 Certified.

**Connecting the device to a DALI Line**


*Functions which require a connection to a DALI line only (PC connection not required)*

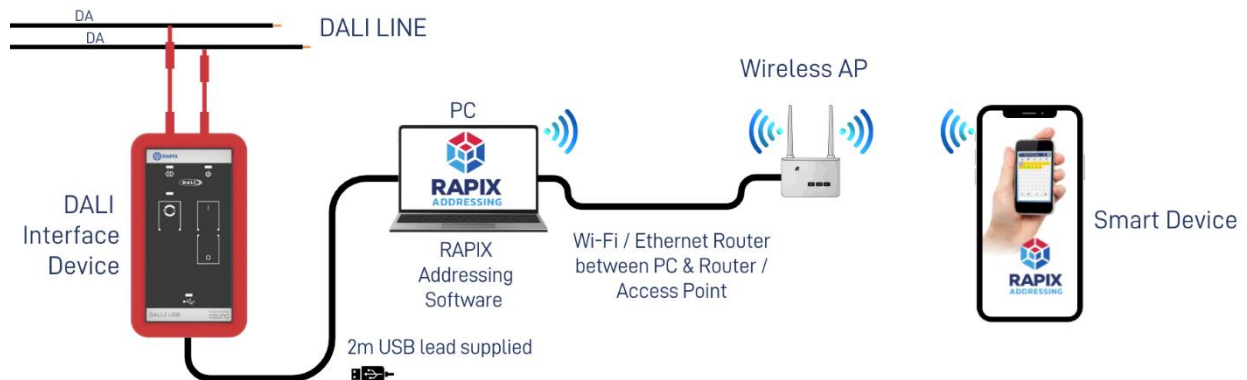
- Manually switch ON / OFF all DALI Lighting Control Gear connected to a DALI line.
- Manually fade UP / DOWN all DALI Lighting Control Gear connected to a DALI line.
- Cycle ON / OFF the following every 2 seconds:
  - Lighting Control Gear, including Emergency Control Gear with appropriate indicators;
  - Lighting Control Devices with appropriate indicators.



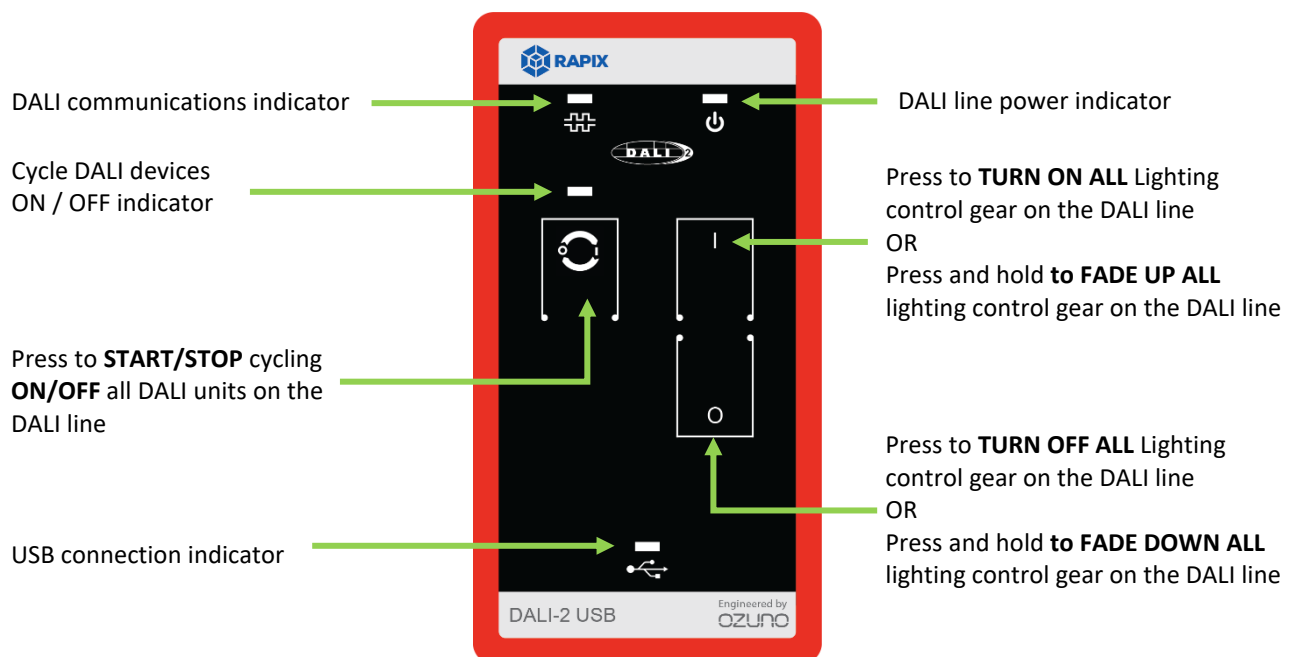
*Functions which require a connection to both a PC and a DALI line (PC running RAPIX Addressing software)*

- Switch ON / OFF all DALI Lighting Control Gear.
- Switch ON / OFF specific DALI Lighting Control Gear.
- Cycle ON / OFF the following every 2 seconds:
  - All DALI Lighting Control Gear, including Emergency Control Gear with appropriate indicators;
  - Lighting Control Devices with appropriate indicators.
- Cycle ON / OFF specific DALI units every 2 seconds, including:
  - Lighting Control Gear, including Emergency Control Gear with appropriate indicators;
  - Lighting Control Devices with appropriate indicators.
- Identify all DALI Emergency Control Gear.
- Identify specific DALI Emergency Control Gear.
- Find the Short Addresses of DALI Lighting Control Gear and DALI Emergency Control Gear.
- Program / re-program the DALI Short Addresses of DALI Lighting Control Gear and DALI Emergency Control Gear.
- Test that DALI Lighting Control Gear and DALI Emergency Control Gear is functioning correctly.
- Identification and Short Address assignment for DALI-2 switches, sensor and input units.
- Programming and configuration for RAPIX eHub and RAPIX sensors.

### Connecting a mobile phone or tablet (Smart Device)



### Controls & Indicators



### Specifications

| Parameter                             | Specification                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DALI Line Capacity                    | 1 line                                                                                                                                                                                                                                                     |
| DALI Line Operating Voltage (nominal) | 18 V dc (nominal) supplied by an external DALI power supply                                                                                                                                                                                                |
| DALI Line Current Draw (nominal)      | 3 mA                                                                                                                                                                                                                                                       |
| Electrical Isolation                  | 5 kV ac USB to DALI                                                                                                                                                                                                                                        |
| Start-up Time                         | < 1 second                                                                                                                                                                                                                                                 |
| Banana Plug Accessories               | <i>Electrical Test Equipment Safety Ratings</i><br>Test Leads 1000 V Cat III<br>Pin-tip Probes 600 V Cat II<br>Alligator Clips 300 V Cat II<br>Test Hooks 600 V Cat II<br><i>Mechanical</i><br>Plug & Socket Connector Size 4 mm<br>Test Lead Length 1.5 m |
| Ingress Protection                    | IP40                                                                                                                                                                                                                                                       |
| Materials                             | Enclosure – Flame retardant ABS UL 94V-0<br>Sleeve – Silicon Rubber                                                                                                                                                                                        |
| Weight                                | 250 grams (excl. cables)                                                                                                                                                                                                                                   |
| Operating Temp. Range                 | 0 - 50° C                                                                                                                                                                                                                                                  |
| Operating Humidity Range              | 0% to 95% RH non condensing                                                                                                                                                                                                                                |



IP40



### Standards & Compliance

#### EMC and Electrical Safety Frameworks and Standards

AS/NZ CISPR 22, AS/NZS CISPR 22-A  
 AS/NZS 60950-1:2011

#### DALI Standards and Compliance

IEC 62386-101 Ed 2 (DALI-2)  
 IEC 62386-103 (DALI-2 Control Devices)

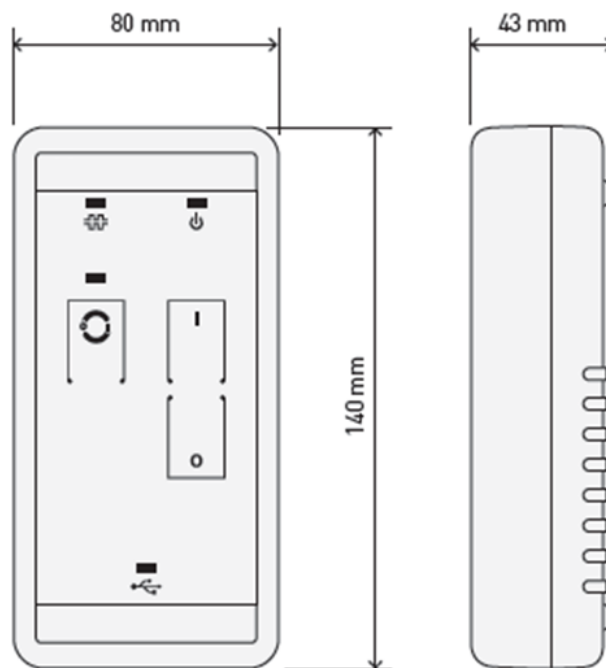
#### EC Council Directives

2014/35/EU Low Voltage  
 2014/30/EU Electromagnetic Compatibility (EMC)  
 2015/863 Restriction of Hazardous Substances (RoHS) in Electrical and Electronic Equipment

**Important Notes**

This product can work with PC-based software, and optionally for efficient DALI commissioning the WiFi capabilities of that software ("Go Modile") can be used in conjunction with a WiFi access point.

However, this product does not contain any wireless capabilities, ie no WiFi, Bluetooth, NFC, Zigbee, Thread, etc.

**Dimensions****Contact Information**

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**Manufacturer Information**

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This product includes a **TWO-YEAR WARRANTY** against manufacturing defects.

**RAPIX** is a trademark of Ozuno Holdings Pty Ltd.

**DALI** and **DALI-2** are trademarks of the Digital Illumination Interface Alliance.

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