SLIM-CBU-DALI

User Manual

Made in Italy



Default Fixture ID: 25618

FEATURES

- CONVERTER CASAMBI-to-DALI and CASAMBI-to-0/1÷10V
- Controls DALI or 0/1-10V devices from CASAMBI Mesh Network or mobile app
- Input voltage: 230 Vac @50/60 Hz
- Remote control: via Bluetooth Low Energy (BLE)
- Local control: Normally Open (N.O.) push-button
- Protocol converter from CASAMBI to DALI, provides Power Supply to the DALI bus
- Signal converter from CASAMBI to 0/1-10V
- Configuration and control via CASAMBI mobile application
- Extended Temperature Range
- 100% Functional Test - 5 years warranty

PRODUCT DESCRIPTION

SLIM-CBU-DALI is a CASAMBI Bluetooth Unit (CBU) designed to function as protocol converter from CASAMBI to DALI (Digital Addressable Lighting Interface) networks or signal converter from CASAMBI to 0/1-10V analog signal. The CBU receives the command from CASAMBI Mesh network or mobile app (both sent over BLE) and converts it into a DALI (DT6 and DT8) digital command (with integrated DALI Power Supply to feed the DALI bus) or 0-10V or 1-10V analog command, depending to the fixture selected.
The operating mode can be managed via CASAMBI mobile app (refer to §*Profiles Overview: Fixtures* for DALI or Analog conversion profiles).

The device operates on Mains voltage 230 Vac @50/60 Hz power supply and features built-in protections for internal logic, including overvoltage and input-fuse protections.

Through the CASAMBI mobile application and smartphone/tablet equipped with Bluetooth technology, it is possible to configure multiple values. CASAMBI mobile application can be downloaded free of charge from the Apple APP Store and Google Play Store.

⇢ For the most up-to-date manual, please visit our website www.dalcnet.com or scan the QR code on the product.
⇢ For the correct functioning of the CASAMBI mobile app, please visit the forum on the CASAMBI website: https://support.CASAMBI.com/support/home

PRODUCT CODE

CODE	POWER SUPPLY	LOCAL CONTROL	REMOTE CONTROL	OUTPUT	CONFIG.
SLIM-CBU-DALI	230 Vac @50/60 Hz	N° 1 N.O. Pushbutton	CASAMBI Mesh or Mobile app (BLE)	DALI (DT6/DT8) or 0-10V, 1-10V signal	CASAMBI Mobile app

Table 1: Product code

PROTECTIONS AND DETECTION

The following table shows the types of ingress and egress protection/detection present on the device.

ACRONYM	DESCRIPTION	TERMINAL	PRESENT
OVP	Over Voltage Protection [1]	AC IN	✓
IFP	Input Fuse Protection [1]	AC IN	✓

Table 2: Protection and Detection features

REFERENCE STANDARDS

STANDARD	TITLE
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547	Equipment for general lighting purposes – EMC immunity requirement
EN 61347-1	Lamp Controlgear – Part 1: General and safety requirement
IN 61347-2-11	Lamp Control gear – Part 2-11: Particular requirement for miscellaneous electronic circuits used with luminaires
IEC 62386-101 ED2	Digital addressable lighting interface – Part 101: General requirements – System components
IEC 62386-103 ED2	Digital addressable lighting interface – Part 103: General requirements – Control devices

Table 3: Reference standards

[1] Protections refer to the control logic of the board.

TECHNICAL SPECIFICATIONS

Description	Acronym	Values			Units of Measure	Note
		Min	Typ	Max		
POWER SUPPLY INPUT (AC IN terminal)						
Nominal Supply Voltage	V_{IN}		230		Vac	-
Supply Voltage range	V_{IN-RNG}	100	÷	240	Vac	-
Mains frequency	f_{MAINS}	50	or	60	Hz	-
Rated power absorption (max) [2]	$P_{ABS-max}$	-	-	3	W	@230 Vac
Standby power absorption	P_{STBY}		< 0.5		W	-
BUS OUTPUT (DALI terminal)						
Bus Power Supply (DALI) [3]	PS_{DALI}		Internal Power Source		-	Provides Power Supply to the DALI bus
Bus current rated (DALI) [2]	$I_{BUS-max}$	-	-	125	mA	≤ 35 °C, refer to Figure 8
Bus current range (DALI) [2]	$I_{BUS-RNG}$	30	÷	250	mA	-
Bus Output voltage (DALI)	$V_{OUT-BUS}$		14		V	-
DALI Device Type	DT_{DALI}	DT6	or	DT8	-	Depends on Fixture selected
ANALOG OUTPUT (OUT 0/1-10V terminal)						
0-10V current Sink/Source (max)	I_{0-10V_SINK}	-	-	10	mA	-
1-10V current Sink/Source (max)	I_{1-10V_SINK}	-	-	10	mA	-
BLUETOOTH (CASAMBI BLE SoC module)						
Operating Frequencies [4]	f_{OP}	2402	÷	2480	MHz	For CASAMBI BLE SoC
Maximum Emitted Power [4]	P_{BT-max}	-	-	8	dBm	Over Bluetooth transmission
Bluetooth version	BT_{VER}		BLE 4.0/5.0, BT mesh		-	Bluetooth Low Energy (BLE)
Communication protocol	CP		CASAMBI		-	-
ENVIRONMENTAL						
Storage Temperature	T_{STOCK}	-40	÷	+60	°C	Minimum values defined by design
Working Ambient temperature [2]	T_A	-25	÷	+60	°C	Minimum values defined by design
Max Temperature @T_c point	T_C	-	-	+70	°C	-
Connector Type	C_{TYPE}		Push-in terminals		-	-
Wiring Section	WS_{SOLID}	0.5	÷	1.5	mm^2	-
	WS_{STRAND}	20	÷	16	AWG	
Strip length	WS_{STRIP}		10		mm	-
Protection class	IP_{CODE}		IP20		-	-
Enclosure Material	M_{CASE}		PC/ABS		-	Polycarbonate/ABS
Enclosure Fixing	F_{CASE}		Screw fixing slots		-	-
Packaging unit (pieces/units)	UP		1		pcs	-
Dimensions	-	L	A	P		-
	MD	136	29	21	mm	Enclosure
	PD	147	34	29	mm	Packaging
Weight	W		62		g	Packaging included

Table 4: Technical specifications

T_C POINT POSITIONING

The following figure shows the position of the maximum temperature point (*Tc point*, highlighted in red) reached by the electronics inside the enclosure, located on the front (Top) side.



Figure 1: Position of the T_c point

[2] Depends on ventilation conditions, refer to §Thermal Characterization section.
[3] SLIM-CBU-DALI has an integrated DALI power supply. Before connecting the SLIM-CBU-DALI to a DALI line, please make sure that no other DALI power Supply is powering the bus.
[4] The parameters are derived from the configuration of the Casambi module.

INSTALLATION

WARNING! *Installation and maintenance must always be carried out in the absence of voltage.*
Before proceeding with the connection of the device to the power supply, make sure that the voltage of the power source is disconnected from the system.

The device should only be connected and installed by qualified personnel. All applicable regulations, legislation, standards, and building codes must be adhered to. Incorrect installation of the device may cause irreparable damage to the device and connected loads.

Like any other product with WiFi or Bluetooth control, be sure not to install the product inside a metal case or placed near large metal structures. The metal will significantly obstruct the radio signal, which is crucial for the proper functioning of the device.

Following paragraphs show the wiring diagrams and Bus connections. It is recommended to follow these steps to install the product safely.

1. Safety first: ensure the Mains Supply is disconnected before starting the installation.
2. Accessing the terminals: remove the cable gland caps by pressing the side tabs and lifting them until they are completely removed.
3. Electrical connections: connect the electrical wires to the terminals of the device following the next instructions.
    a. Local control wiring: wire a N.O. push-button to the "PUSH" terminal block with the symbol . Make sure not to connect any live parts to the PUSH terminals.
    b. 0/1-10V Analog Output wiring: connect the 0/1-10V Analog signal to the "OUT 0/1-10V" terminal block, wiring the positive wire of the controlled device to the "+" terminal and the common wire to the "-" terminal.
    c. DALI bus wiring: connect the DA data bus signals to the "DA" terminals on the "DALI" terminal block.
    d. Power supply wiring: connect the 230 Vac @ 50 Hz Mains voltage to the "AC IN" terminal block respecting the Live (L) and Neutral (N) convention to terminals "L" and "N" respectively.
4. Check the connections: verify that all connections are tightly secured and that there are no exposed copper filaments.
5. Secure the cables: insert the cable gland caps, pressing them until the cables are secured to the case.
6. Final check: reconnect the Mains voltage and power ON the device. Perform a test to ensure that the device is functioning correctly and that all connections are secure, then follow the pairing instructions provided on the CASAMBI mobile app.

Note: the installer is responsible for verifying the installation.

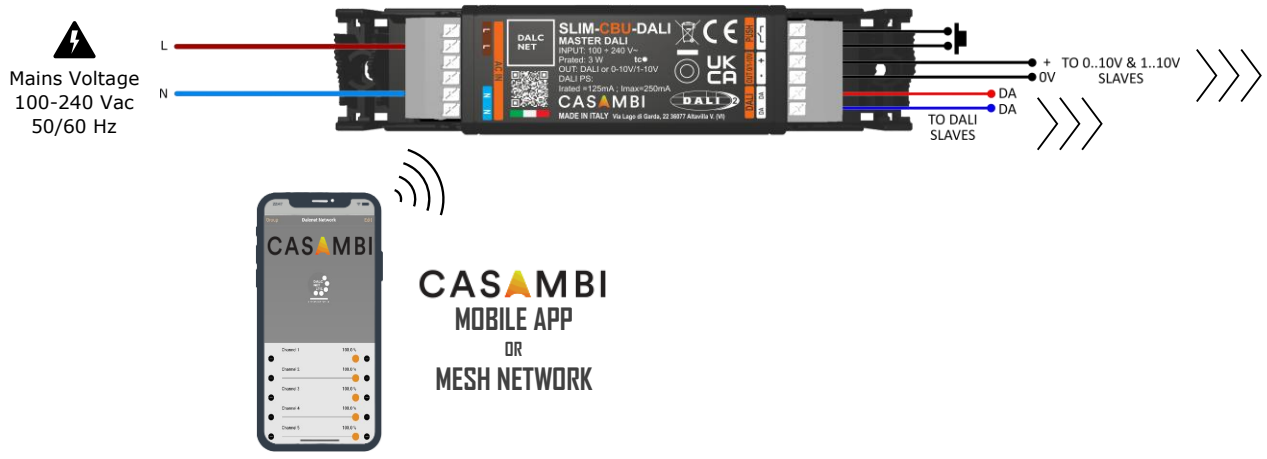


Figure 2: General wiring diagram

LOCAL CONTROL WIRING

SLIM-CBU-DALI can be controlled via Local Command with a Normally Open (N.O.) pushbutton or voltage-free dry contact. No other voltage signals shall be applied to these contacts.

To connect the SLIM-CBU-DALI to local control, simply connect the pushbutton to the INPUT terminal. The following image shows the indicated wiring diagram for short distances (<10 m).



Figure 3: Local Control wiring diagram

0/1-10V Analog Output wiring

SLIM-CBU-DALI can control one or more 0/1-10V slave devices (as long as they are all of the same type, 0-10V or 1-10V) via the Analog Output "OUT 0/1-10V" terminal block by means loading the proper Fixture (refer to profile ID 29126 in Table 6).

To connect the SLIM-CBU-DALI to a 0-10V or 1-10V slave device, simply connect the analog signal 0-10V o 1-10V from the slaves to the "OUT 0/1-10V" terminal block, wiring the positive wire of the controlled device to the "+" terminal and the common wire to the "-" terminal. The following image shows the indicated wiring diagram for short distances (< 25 m).



Figure 4: 0/1-10V Output wiring diagram

BUS wiring: DALI network

SLIM-CBU-DALI can be connected via DALI digital bus by a simple two-wire cable (untwisted and unshielded). The control can be conducted by a DALI Master, providing commands to the devices in the DALI network and the supply to the network itself with the integrated power supply.

Before connecting the SLIM-CBU-DALI to a DALI line, please make sure that no other DALI Power Supply is powering the bus. To connect SLIM-CBU-DALI to the DALI network, simply connect the bus cables to the "DA" terminals of the "DALI" terminal block: as different topologies are possible, it is not necessary to observe the polarity of the "DA+" and "DA-" signals of the bus when connecting.

DALI Cabling Topologies

The DALI protocol supports several cabling topologies, i.e. Bus-wiring, shown as an example in Figure 5.

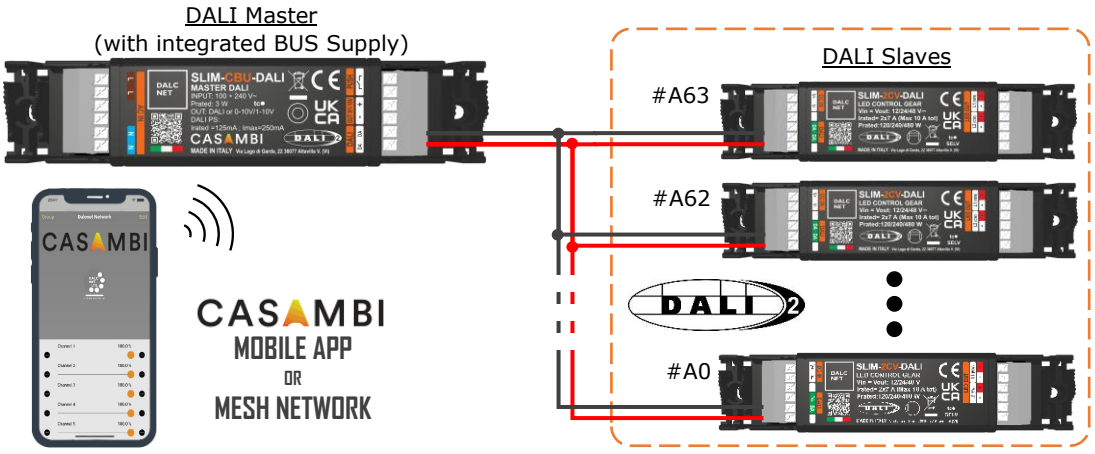


Figure 5: Cabling Topology, Bus-wiring

The DALI-2 protocol supports up to 64 Control Gear slave devices connected with different wiring topologies shown in Figure 6: Bus-wiring, Star-wiring, Tree-wiring, or Line-wiring. Other topologies are excluded.

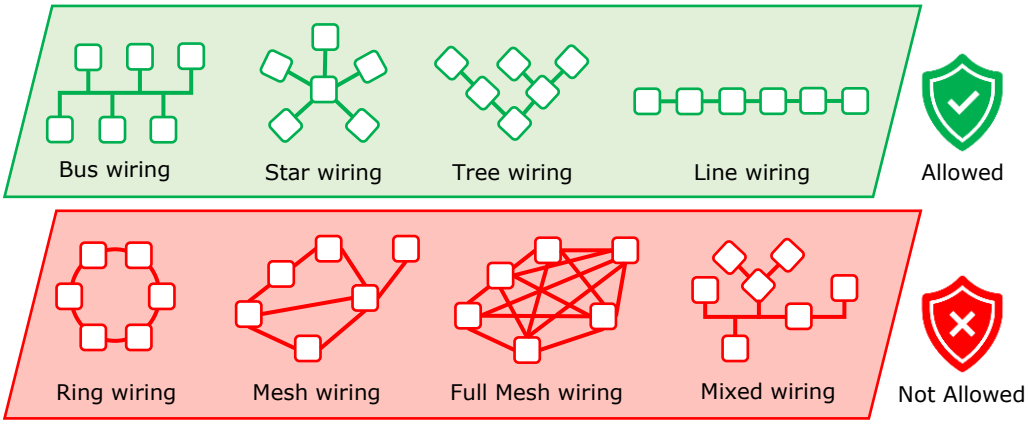


Figure 6: DALI wiring Topologies

POWER SUPPLY WIRING

SLIM-CBU-DALI can be powered by 230 Vac @50/60 Hz Mains voltage supply. Once bus and pushbutton are wired, connect the Mains voltage supply respecting the polarity conventions to the Live (L) and Neutral (N) labels of the AC IN terminal.



Figure 7: Power Supply wiring Diagram

LOCAL CONTROL: PUSHBUTTON

SLIM-CBU-DALI has one terminal for N.O. pushbutton or dry contact input, through which different operating parameters can be managed. Each action on the pushbutton activates a specific function for the type of control selected via CASAMBI mobile app.

CASAMBI mobile app provides up to 7 operating modes that can be associated with the button press, listed below:

1. *Controls a Luminaire*: the pushbutton takes over ON/OFF control and luminaire brightness functions.
2. *Controls an Element*: the pushbutton takes over ON/OFF functions dedicated to a device element inside the CASAMBI network and to adjust the element value.
3. *Control a Group*: the button takes on function dedicated to control a group of LED modules and their brightness.
4. *Control scene*: the button takes over brightness adjustment and ON/OFF of the programmed scenario.
5. *Control all Luminaires*: the button takes over ON/OFF control and brightness functions of all luminaires.
6. *Cycles scenes*: the button takes over brightness adjustment and selection through the programmed scenario list.
7. *Active/Standby*: the button takes over brightness adjustment and selection between two programmed scenes.

Following table resumes the Pushbutton functionality of all operating modes.

ACTION / FUNCTION	QUICK PRESS	LONG PRESS (> 1s)
Controls a Luminaire	Turns ON/OFF the selected Luminaire	Brightness adjustment (Dimming)
Controls an Element	Turns ON/OFF of the selected device element	Element value adjustment
Controls a Group	Turns ON/OFF the Group of devices	Brightness adjustment (Dimming)
Control Scene	Turns ON/OFF the Scene	Brightness adjustment (Dimming)
Control all Luminaires	Turns ON/OFF all the Luminaires	Brightness adjustment (Dimming)
Cycles Scenes	Scrolls through the list of scenes	Brightness adjustment of current scene (Dimming)
Active / Standby	Switches between two programmed scenes	Brightness adjustment of current scene (Dimming)

Table 5: Pushbutton functionality

For all other functions consult the documentation of the CASAMBI mobile app at: https://support.CASAMBI.com/support/home

DALI PROTOCOL

DALI (Digital Addressable Lighting Interface) is a protocol developed by the DALI Alliance (DIIA) to allow the management, configuration and programming of LED lighting systems in digital mode: through a two-way communication process between devices and control units, it is possible to execute ON, OFF or dimmer commands, report faults or information of various kinds.
Based on a Master/Slave architecture, the DALI standard allows both single digital control of devices and programming in groups and/or broadcast.
In its second version, DALI-2 allows first full compatibility with the earlier protocol, and secondly brings numerous improvements compared to DALI-1:

1. Addition of lighting control devices: e.g. buttons, sensors, and LED drivers that were not included in the earlier version. In addition, to obtain DALI-2 certification, the new protocol requires the execution of functional and compliance tests by DIIA.
2. Introduction of the Multi Master architecture: with the regulation of the various lighting control devices, it is possible to send commands and signals to the DALI-2 bus from multiple sources, easing independent, immediate, and simultaneous data communication.
3. Development of functional and application standards: new extensions have been drawn up for DALI-2 devices, e.g. for emergency lighting or colour control, creating a new product standard for smart lighting and IoT systems called D4i.

THERMAL CHARACTERIZATION

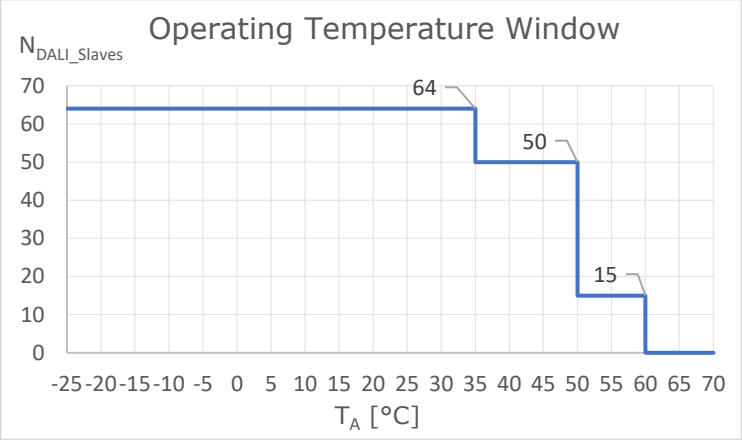


Figure 8: Operating Temperature Window

Figure 8 shows the maximum number of DALI Slaves that can be controlled by the SLIM-CBU-DALI as a function of the operating temperature[5] (or ambient temperature, T_A) of the operation, summarized below:

- T_A = (-25 ÷ +35) °C ⇢ $N_{DALI_Slaves} \leq 64$
- T_A = (+35 ÷ +50) °C ⇢ $N_{DALI_Slaves} \leq 50$
- T_A = (+50 ÷ +60) °C ⇢ $N_{DALI_Slaves} \leq 15$

These maximum values can only be applied under suitable ventilation conditions.

DIMMING CURVES

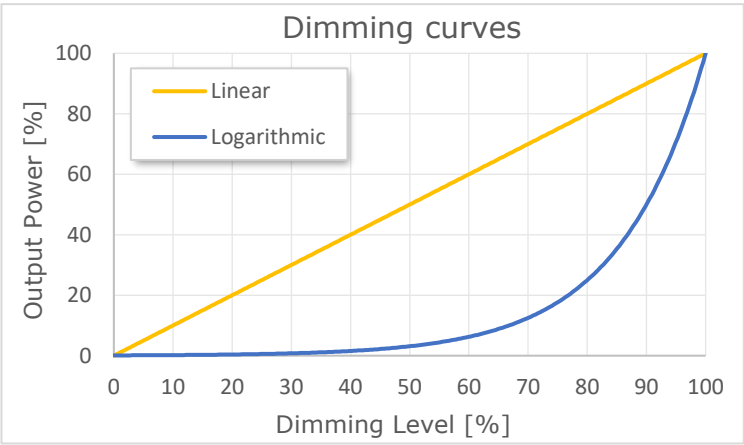


Figure 9: Normalized Dimming curve

Figure 9 shows the dimming curves supported by the SLIM-CBU-DALI dimmer. Curve selection depends to the Fixture selected (see §Profiles Overview: Fixtures section of this manual).

[5] If the product is installed inside an electrical panel and/or junction box, T_A refers to the temperature inside the panel/box.

MECHANICAL DIMENSIONS

The following figure details the mechanical measurements and overall dimensions [mm] of the outer casing.

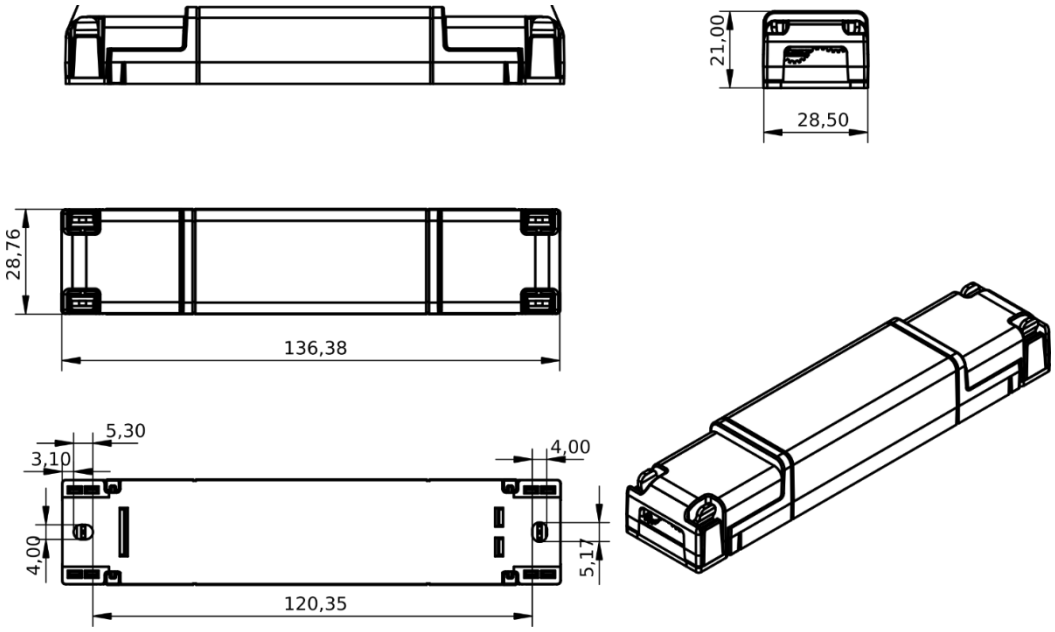


Figure 10: Mechanical dimensions

TECHNICAL NOTES

INSTALLATION

WARNING! Installation and maintenance should always be performed in the absence of AC voltage.
Before proceeding with the installation, adjustment, and connection of the device to the Mains supply, make sure that the Mains voltage is disconnected and/or isolated from the system.

The device should only be connected and installed by qualified personnel. All applicable regulations, legislation, standards, and building codes in force in the respective countries must be adhered to. Incorrect installation of the device may cause irreparable damage to the device and connected loads.

Maintenance must only be carried out by qualified personnel in compliance with current regulations.

The product must be installed inside an electrical panel and/or junction box that is protected against surges/overvoltage and not shielded.

The product is suitable for use in dry places, away from sources of moisture. Installation and use must take place in a dry environment.

Keep 230 Vac (LV) circuits and non-SELV circuits separate from SELV safety ultra-low voltage circuits and any product connections.

The product must be installed in a vertical or horizontal position, i.e. with the faceplate/label/top cover facing up or vertically. No other positions are allowed. The bottom position, i.e. with the faceplate/label/top cover facing downwards, is not allowed.

During installation, it is recommended to reserve adequate space around the device to facilitate its accessibility in case of future maintenance or updates (e.g. via smartphone).

Use in thermally harsh environments may limit the output power of the product.

For devices embedded within luminaires, the T_A ambient temperature range is a guideline to be carefully observed for the optimal operating environment. However, the integration of the device within the luminaire must always ensure proper thermal management (e.g. correct mounting of the device, proper ventilation, etc.) so that the temperature at the T_C point does not exceed its maximum limit under any circumstances. Proper operation and durability are only guaranteed if the maximum temperature of the T_C point is not exceeded under the conditions of use.

POWER SUPPLY AND CONTROLS

The device must be powered only with Mains voltage supply with limited current at constant voltage, short circuit protection and power suitably sized according to the specifications indicated in the product data sheet. No other types of power supplies are allowed.

The external supply must be protected. The product must be protected by a properly sized Miniature Circuit Breaker (MCB) with overcurrent protection.

Connecting to an unsuitable power supply may cause the device to operate outside of the specified design limits, voiding its warranty.

In the case of power suppli equipped with earth terminals, it is mandatory to connect ALL the protection earth points (PE= Protection Earth) to a state-of-the-art and certified earthing system.

The power cables of the device must be correctly sized with reference to the connected load and must be isolated from any wiring or equal to non-SELV voltage. Use double-insulated cables.

The manufacturer recommends ensuring a cumulative leakage current of less than 3.5 mA on the control circuit.

It is strictly forbidden to connect, for any reason, directly or indirectly, any type of Voltage supply to the terminals of the BUS.

The length and type of bus connection cables must comply with the specifications of the respective protocols and current regulations. They must be isolated from any wiring or non-SELV live parts. It is recommended to use double-insulated cables.

All control devices and signals connected to the buses must be of the SELV type (the connected devices must be SELV or in any case provide a SELV signal).

It is strictly forbidden to provide, for any reason, directly or indirectly, any type of Voltage supply to the PUSH terminals.

All devices and control signals connected to local commands with the symbol must not supply any type of voltage.

The length of the connection cables between the local control (N.O. button or dry contact) and the product must be less than 10m. The cables must be sized correctly. Depending on the connection used, they must be isolated from any wiring or non-SELV voltage parts. It is recommended to use double-insulated cables, if deemed appropriate, also shielded.

The length of the cables connecting the analog synch commands (0-10V, 1-10V or other) to the product must be less than 25m. The cables must be properly dimensioned and must be insulated from any non-SELV wiring or voltage. It is recommended to use double insulated cables, if deemed appropriate also shielded.

BLUETOOTH LOW ENERGY (BLE) WARNINGS AND MOBILE APP NOTES

The BLE antenna is located inside the device.

BLE typically has a range of about 10 to 50 meters, depending on the environment and obstacles. Ensure your devices are within this range for reliable communication.

Walls, floors, and other physical barriers can significantly reduce the effective range and signal strength of BLE devices. Position devices to minimize these obstacles.

Other electronic devices, especially those operating on the 2.4 GHz frequency (like Wi-Fi routers), can interfere with BLE signals. Keep BLE devices away from such sources of interference.

Ensure that all devices in your BLE network are compatible with each other and support the same BLE version. Incompatibilities can lead to communication issues.

BLE is designed for low power consumption, but the battery life of your control devices (smartphone or tablet) can still be affected by factors like transmission frequency and data volume. Monitor and manage power settings to optimize battery life.

BLE technology works optimally with non-metallic materials. Therefore, it is not recommended to surround the device by metal objects or reflective surfaces when using BLE communication.

For reliable communication, make sure that the top surface is not covered or that it is free of metal objects, wiring, or other electronic devices. Any impediments could affect the quality of communication.

To guarantee the best performances and the full use of functions, make sure to download on your device the last release of CASAMBI mobile app.

Whenever CASAMBI mobile app requires an upgrade of the profile installed in the product, follow the instruction to do it. This allows you to stay always up to date and benefit of new functions released.

Functionality test are done on all devices to ensure the right working. In case the device is still paired to "Dalcnet network", you are asked to unpair it by following the instructions on CASAMBI mobile app and in §Unpair device from CASAMBI Network section.

LEGAL NOTES

TERMS OF USE

Digimax Srl (hereinafter referred to as "the Company") reserves the right to make changes to this device, in whole or in part, without prior notice to the customer. Such changes may affect technical aspects, functionality, design, or any other element of the device. The company is not required to notify you of such changes and that your continued use of the device will constitute your acceptance of the changes.

The company is committed to ensuring that any changes do not compromise the essential functionality of the device and that they comply with applicable laws and regulations. In the event of substantial changes, the company undertakes to provide clear and timely information on the same.

The customer is advised to periodically consult the www.dalcnet.com website or other official sources to check for any updates or changes to the device.

SYMBOLS

CE	All products are manufactured in compliance with European Regulations, as reported in the Declaration of Conformity.
	Integrated electronic ballast with double or reinforced insulation, designed to be used as a component of an end product.
UKCA	All products are manufactured in compliance with UK Regulations and conform to UK safety, health, and environmental requirements for products sold in the UK, as reported in the UK Conformity Assessed.
	At the end of its useful life, the product described in this data sheet is classified as waste from electronic equipment and cannot be disposed of as unsorted municipal solid waste. **Warning!** Improper disposal of the product may cause serious harm to the environment and human health. For proper disposal, inquire about the collection and treatment methods provided by the local authorities.

CASAMBI

CASAMBI is the official application through which it is possible to configure, in addition to the functions of the SLIM-CBU-DALI, also all the different CASAMBI products equipped with BLE technology.

CASAMBI mobile app can be downloaded free of charge from the Apple App Store and Google Play Store.

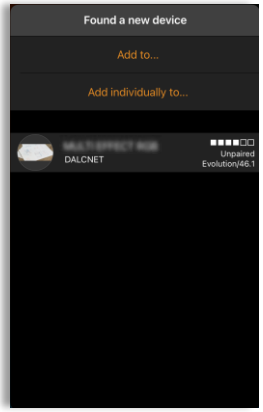
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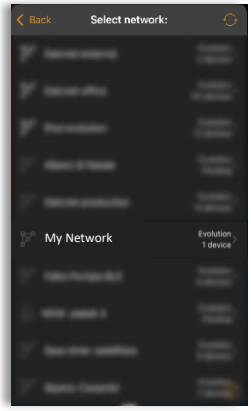
DEVICE SETTINGS

PAIR DEVICE TO CASAMBI NETWORK

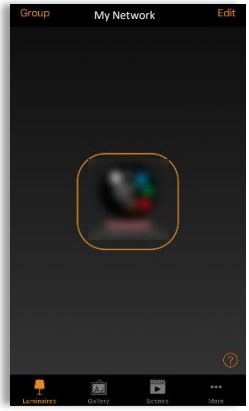
The first time you turn ON a SLIM-CBU-DALI device, it will appear in the "Found a new device" section with the default profile preloaded. Perform the following procedure to Pair the device to a CASAMBI Network.



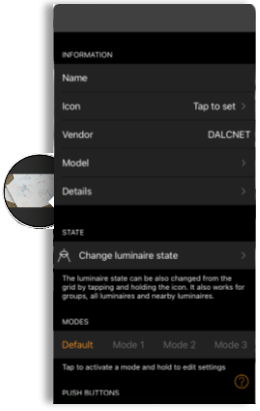
1. Open the CASAMBI mobile app and Power ON the device. The device to be paired will appear.
2. Select *Add to…* to open the list of available networks.



3. Select the network to pair the device with.



4. Once the device has been inserted in the Network, the default profile will be loaded.



5. Double tap on the profile icon to show the device configuration.

UNPAIR DEVICE FROM CASAMBI NETWORK

If SLIM-CBU-DALI is already connected to a known network and/or you wish to associate it with a new network, you need to unpair the device from the current Network first: please tap the device icon from *Nearby Devices* section, select *Unpair*, and confirm. The unpair process will be started. After the unpairing, the device can be paired to a new Network by following the instructions on above section.

To unpair a device already connected to an unknown Network (for which you don't have the credentials), please follow these steps:

1. Tap the device icon from *Nearby Devices* section, select *Unpair*, and confirm.
2. During the unpair process, turn OFF the Power Supply connected to the SLIM-CBU-DALI.
3. Wait 1-2 seconds, then turn the Power Supply ON again.
4. On *Nearby Devices* section the device will be shown as unpaired.

Note: if the power supply is switched OFF and ON again quickly, unpair may not be done properly. Repeat the unpair sequence by allowing 1 or 2 more seconds to elapse between the moment you turn OFF and re-turn ON the Power Supply.

Another method to unpair the device from an unknown Network can be performed using a N.O. push-button connected to the "INPUT" terminal of the SLIM-CBU-DALI, following the next steps:

1. Tap the device icon from *Nearby Devices* section, select *Unpair*, and confirm.
2. During the unpair process, quick press the N.O. push-button.
3. After a while, on *Nearby Devices* section the device will be shown as unpaired.

CHANGE PROFILE ON PAIRED DEVICE

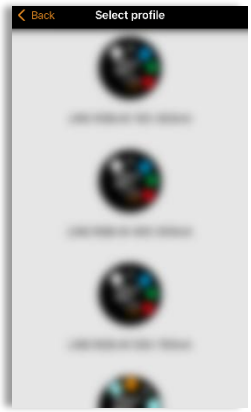
Once the technical data of the controlled device have been verified, it is possible to configure the parameters for the selected profile by loading the Fixture on the controller. To change the Fixture on the SLIM-CBU-DALI, follow these steps.



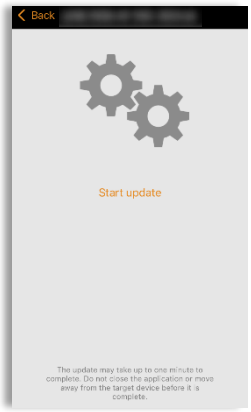
1. Power ON the device and open the CASAMBI mobile app.
2. Select *Nearby Devices*.



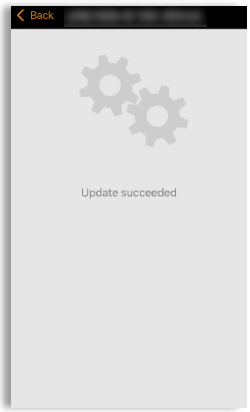
3. Tap on device's icon, then tap on *Unpair*.
4. Second tap on device's icon, then tap on *Change profile*.



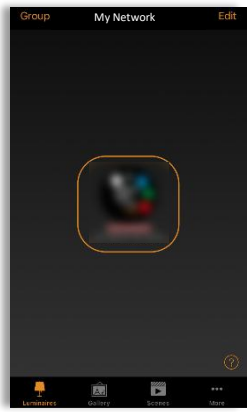
5. Select the desired profile (refer to Table 6).



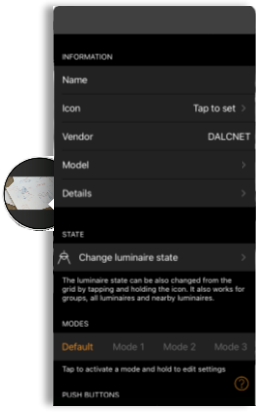
6. Tap *Start Update*.



7. Wait for the profile to load correctly.
8. Back to *Nearby Devices* and select *Add to 'Network name'* to pair on the previous Network.



9. Once the device has been added to the Network, go back to *Luminaires*[6] sheet and double tap on the profile icon to show the device configuration.



10. Hold tap on profile icon to show the profile settings.



11. Inside, the profile settings can be customized by the provided sliders and buttons.

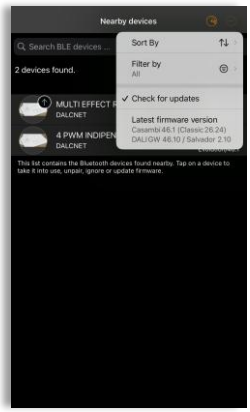
[6] For profiles linked to other operation types (e.g. Timers, Switches, Sensors, or Gateways), profile settings are available from the *More* section.

FIRMWARE UPDATE ON PAIRED DEVICE

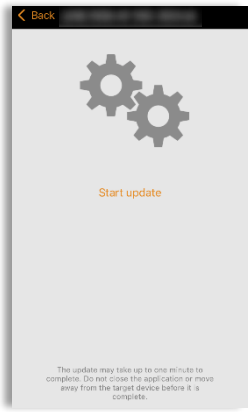
From CASAMBI mobile app it is possible to update the device's firmware. To check and load any update to the SLIM-CBU-DALI, follow these steps.



1. Power ON the device and open the CASAMBI mobile app.
2. Select *Nearby Devices*, *More* sheet, then tap the Meatball menu ⋯ and *Check for updates*.



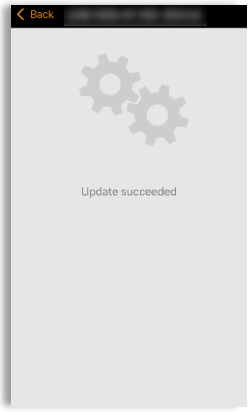
3. After checking for updates, if an update is available a small upward arrow will appear on device icon. Tap on device icon, then select *Update vendor firmware*.



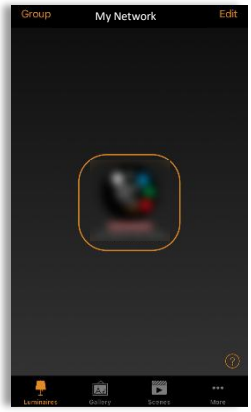
4. Tap *Start Update* on the next page. The transfer of the new Firmware will start.



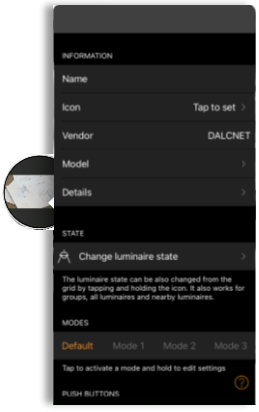
5. Please wait for the update, it may take up to three minutes or so.



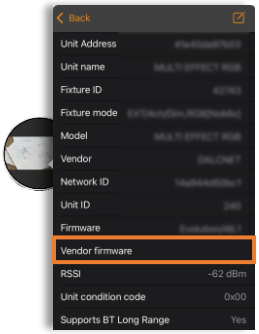
6. After the update and verification are successful, return to *Luminaires*[6] sheet. Previous profile will be loaded.



7. Double tap on the profile icon to show the device configuration settings.



8. Tap on *Details* to show the device info.



9. The firmware version can be viewed under *Vendor Firmware* item.

PROFILES OVERVIEW: FIXTURES

SLIM-CBU-DALI supports the following fixtures (customizable by CASAMBI mobile app).

PROFILE NAME	PROFILE ID	DESCRIPTION
DALI2 BROADCAST [7]	**25618 (Default)**	**DALI broadcast dimmer** DALI dimming curve: logarithmic. Set the power-on level to the maximum level (100% - 254). No addressing required.
0/1-10V 1CH	29126	**One channel Analog dimmer** Analog output to control 0-10V or 1-10V devices
W AUTOMATIC	30407	**One-channel DALI dimmer** - Dimmer 1: address A0 DALI dimming curve: logarithmic. Sets the Power-ON level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
WWWW AUTOMATIC	30408	**Four-channels DALI dimmer** - Dimmer 1: address A0 - Dimmer 2: address A1 - Dimmer 3: address A2 - Dimmer 4: address A3 DALI dimming curve: logarithmic. Sets the Power-ON level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
TW AUTOMATIC 2700-6000K	30409	**Two-channels Tunable White dimmer** - Dimmer 1: address A0 - Warm White - Dimmer 2: address A1 - Cold White DALI dimming curve: linear. Sets the power level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
RGB AUTOMATIC	30410	**Three-channels RGB dimmer** - Dimmer 1: address A0 – Red - Dimmer 2: address A1 - Green - Dimmer 3: address A2 - Blue DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
RGB+W AUTOMATIC	30411	**Four-channels RGB+W dimmer** - Dimmer 1: address A0 - Red - Dimmer 2: address A1 - Green - Dimmer 3: address A2 - Blue - Dimmer 4: address A3 - White DALI dimming curve: linear. Sets the Power-ON level at maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
RGB+TW AUTOMATIC	30412	**Five-channels RGB+TW dimmer** - Dimmer 1: address A0 - Red - Dimmer 2: address A1 - Green - Dimmer 3: address A2 - Blue - Dimmer 4: address A3 - Warm White - Dimmer 5: address A4 - Cold White DALI dimming curve: linear. Sets the Power-ON level at maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
WWWW GROUP	30416	**Four DALI groups, dimmer function** - Dimmer 1: group G0 - Dimmer 2: group G1 - Dimmer 3: group G2

[7] The SLIM-CBU-DALI is certified as DALI2 only with the profile: **25618** – DALI2 BROADCAST

PROFILE NAME	PROFILE ID	DESCRIPTION
		- Dimmer 4: group G3 DALI dimming curve: logarithmic. Sets the Power-ON level to the maximum level (100% - 254). The address must be assigned using a DALI Master device.
TW GROUP 2700-6000K	30417	**Two DALI groups, Tunable White dimmer function** - Dimmer 1: group G0 - Warm White group - Dimmer 2: group G1 - Cold White group DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address must be assigned using a DALI Master device.
RGB GROUP	30418	**Three DALI groups, RGB dimmer function** - Dimmer 1: group G0 - Red group - Dimmer 2: group G1 - Green group - Dimmer 3: group G2 - Blue group DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address must be assigned using a DALI Master device.
RGB+W GROUP	30419	**Four DALI groups, RGB+W dimmer function** - Dimmer 1: group G0 - Red group - Dimmer 2: group G1 - Green group - Dimmer 3: group G2 - Blue group - Dimmer 4: group G3 - White group DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address must be assigned using a DALI Master device.
RGB+TW GROUP	30420	**Five DALI groups, RGB+TW dimmer function** - Dimmer 1: group G0 - Red group - Dimmer 2: group G1 - Green group - Dimmer 3: group G2 - Blue group - Dimmer 4: group G3 - Warm White group - Dimmer 5: group G4 - Cold White group DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address must be assigned using a DALI Master device.
8xW GROUP	30421	**Eight DALI groups, dimmer function** - Dimmer 1: group G0 - Dimmer 2: group G1 - Dimmer 3: group G2 - Dimmer 4: group G3 - Dimmer 5: group G4 - Dimmer 6: group G5 - Dimmer 7: group G6 - Dimmer 8: group G7 DALI dimming curve: logarithmic. Sets the Power-ON level at maximum level (100% - 254). The address must be assigned using a DALI Master device.
DALI DT8 BC TW	30425	**Tunable White (TW) DT8 Broadcast Dimmer** Sends DALI DT8 BROADCAST commands for devices that support the "Colour Temperature (Tc)" colour-type: Dim Level and Colour Temperature (2700 ÷ 6500)K. DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). No addressing required.
DALI DT8 BC RGB	30426	**RGB DT8 Broadcast Dimmer** Send DALI DT8 BROADCAST commands for devices that support the "RGBWAF" colour-type: Dim Level and RGBWAF. DALI dimming curve: linear. Sets the Power-ON level at maximum level (100% - 254).

PROFILE NAME	PROFILE ID	DESCRIPTION
		No addressing required.
DALI DT8 BC RGB+W	30427	**RGB+W DT8 Broadcast Dimmer** Send DALI DT8 BROADCAST commands for devices that support the "RGBWAF" colour-type: Dim Level and RGBWAF. DALI dimming curve: linear. Sets the Power-ON level at maximum level (100% - 254). No addressing is required.
DALI DT8 XY	30429	**Multi-channel (XY) DT8 Dimmer** Sends DALI DT8 commands for devices that support the "XY" colour-type function: Dim Level and XY values. DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
DALI DT8 XY-TW	30430	**Multi-channel (XY) and Tunable White (TW) DT8 Dimmer** Sends DALI DT8 commands for devices that support the "XY" and "Tc" colour-type functions: Dim Level, XY values and Colour Temperature (2700 ÷ 6500)K. DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). The address is automatically assigned to the unaddressed devices.
DALI DT8 BC TW 2200-4000K	36750	**Tunable White (TW, 2200K ÷ 4000K) DT8 Broadcast Dimmer** Sends DALI DT8 BROADCAST commands for devices that support the "Colour Temperature Correction" function: Dim Level and Colour Temperature (2200 ÷ 4000)K. DALI dimming curve: linear. Sets the Power-ON level to the maximum level (100% - 254). No addressing required.
DALI GATEWAY	50488	**DALI to CASAMBI dimmer (Slave mode)** CASAMBI devices control from DALI network.
DALI GATEWAY [SCENE CONTROL]	51225	**DALI to CASAMBI Gateway with Scene Control** Controls CASAMBI devices from a DALI network and activates CASAMBI button actions, scenes or animations through DALI GO TO SCENE commands.

Table 6: Profile list

PROFILE SETTINGS AND MAPPING

Each Profile can be configured on CASAMBI mobile application (refer to §Change Profile on Paired device section) and other parameters depending on the selected fixture.
The "AUTOMATIC" fixtures automatically detect the unaddressed devices connected to the DALI BUS and address them.

DALI2 BROADCAST: DALI BROADCAST DIMMER

Use this profile to control devices in Broadcast mode on DALI network.

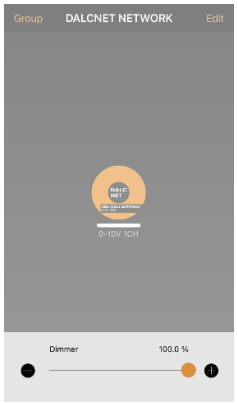


Dimmer: sets the overall light brightness from 0% (0) to 100% (254) of DALI broadcasted devices.

Address	Function	Level
BC	DIMMER (ALL)	0…254

0/1-10V 1CH: ANALOG DIMMER

The "0/1-10V 1CH" profile allows you to adjust the "OUT 0/1-10V" output to control 0-10V or 1-10V devices.

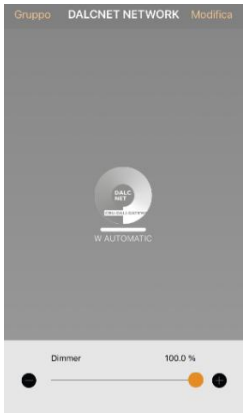


Dimmer: sets the brightness value from 0% (0/1V) to 100% (10V) of "OUT 0/1-10V" output.

Output	Function	Level
OUT 0/1-10V	DIMMER	0…10V 1…10V

W AUTOMATIC: 1 CHANNEL

The "W AUTOMATIC" profile allows you to adjust the DALI level of one DT6 device.



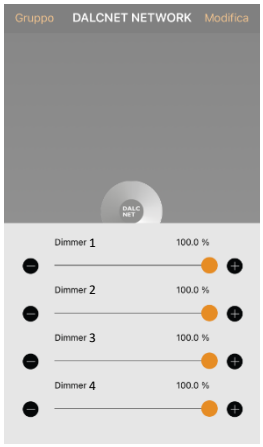
Dimmer: sets the brightness value from 0% (0) to 100% (254) of DALI address A0.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	DIMMER	0…254

WWWW AUTOMATIC: 4 CHANNELS

The "WWWW AUTOMATIC" profile allows you to adjust the DALI level of up to four DT6 independent channels.



Dimmer 1: sets the brightness value from 0% (0) to 100% (254) of DALI address A0.

Dimmer 2: sets the brightness value from 0% (0) to 100% (254) of DALI address A1.

Dimmer 3: sets the brightness value from 0% (0) to 100% (254) of DALI address A2.

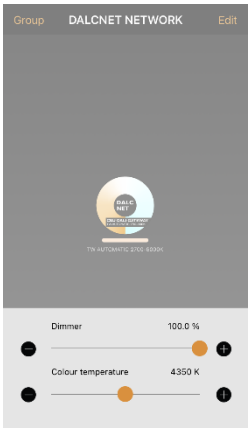
Dimmer 4: sets the brightness value from 0% (0) to 100% (254) of DALI address A3.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	DIMMER 1	0...254
A1	DIMMER 2	0...254
A2	DIMMER 3	0...254
A3	DIMMER 4	0...254

TW AUTOMATIC 2700-6000K: TUNABLE WHITE

With the "Tunable White" profile, the Warm White and Cold White values are mapped on two DALI addresses of the DT6 device.



Dimmer: sets the overall brightness value from 0% (0) to 100% (254).

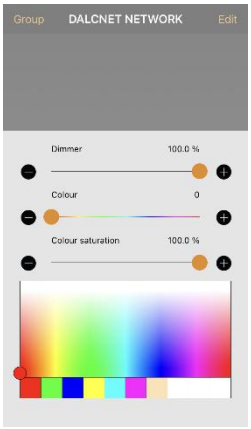
Colour temperature: sets the Colour Temperature value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DALI addresses A0 and A1.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	WARM WHITE DIMMER	0...254
A1	COLD WHITE DIMMER	0...254

RGB AUTOMATIC

Through the "RGB AUTOMATIC" profile it is possible to adjust the intensity of the primary colours Red-Green-Blue through three DALI addresses on the DT6 device.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DALI addresses A0 to A2.

Colour saturation: sets the saturation of the selected colour.

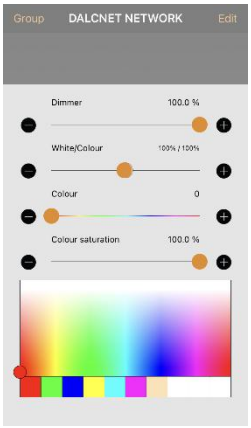
Colour Map: allow to set the colour and the saturation directly from the map.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	RED DIMMER	0...254
A1	GREEN DIMMER	0...254
A2	BLUE DIMMER	0...254

RGB+W AUTOMATIC

The "RGB+W AUTOMATIC" profile allows the intensity of the Red-Green-Blue primary colours to be adjusted through three DALI addresses and in addition the White light adjustment on a dedicated DALI address on the DT6 device.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

White/Colour: sets the mixing value between colour and white light.

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DALI addresses A0 to A2.

Colour saturation: sets the saturation of the selected colour.

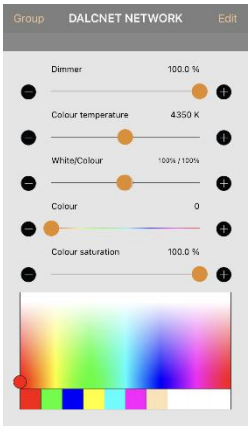
Colour Map: allow to set the colour and the saturation directly from the map.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	RED DIMMER	0...254
A1	GREEN DIMMER	0...254
A2	BLUE DIMMER	0...254
A3	WHITE DIMMER	0...254

RGB+TW AUTOMATIC

The "RGB+TW AUTOMATIC" profile allows the intensity of the Red-Green-Blue primary colours to be adjusted through three DALI addresses and in addition the Warm White and Cold White light adjustment on dedicated DALI addresses on the DT6 device.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour temperature: sets the Colour Temperature value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DALI addresses A3 and A4.

White/Colour: sets the mixing value between colour and white light.

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DALI addresses A0 to A2.

Colour saturation: sets the saturation of the selected colour.

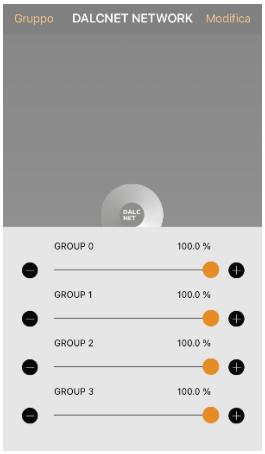
Colour Map: allow to set the colour and the saturation directly from the map.

The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function	Level
A0	RED DIMMER	0...254
A1	GREEN DIMMER	0...254
A2	BLUE DIMMER	0...254
A3	WARM WHITE DIMMER	0...254
A4	COLD WHITE DIMMER	0...254

WWWW GROUP: 4 GROUPS

The "WWWW GROUP" profile allows you to adjust the DALI level of up to four DALI groups, sending group commands.



Group 0: sets the brightness value 0% (0) to 100% (254) of DALI group G0.

Group 1: sets the brightness value 0% (0) to 100% (254) of DALI group G1.

Group 2: sets the brightness value 0% (0) to 100% (254) of DALI group G2.

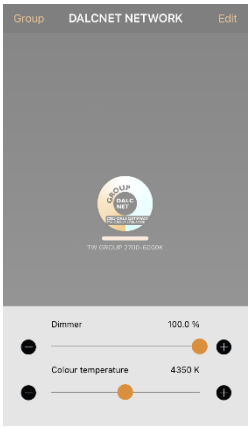
Group 3: sets the brightness value 0% (0) to 100% (254) of DALI group G3.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	GROUP DIMMER 0	0...254
G1	GROUP DIMMER 1	0...254
G2	GROUP DIMMER 2	0...254
G3	GROUP DIMMER 3	0...254

TW GROUP: TUNABLE WHITE GROUP

With the "TW GROUP" profile, the Warm White and Cold White values are mapped on two DALI groups.



Dimmer: sets the overall brightness value from 0% (0) to 100% (254) of DALI groups G0 and G1.

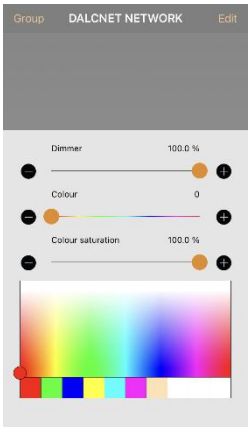
Colour temperature: sets the Colour Temperature value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DALI groups G0 and G1.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	WARM WHITE GROUP DIMMER	0...254
G1	COLD WHITE GROUP DIMMER	0...254

RGB GROUP

Through the "RGB GROUP" profile it is possible to adjust the intensity of the primary colours Red-Green-Blue through three DALI groups.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DALI groups G0 to G2.

Colour saturation: sets the saturation of the selected colour.

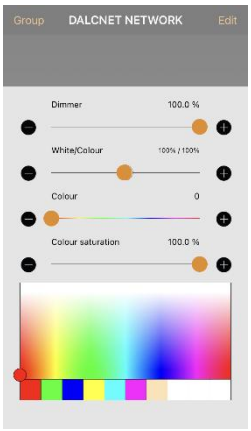
Colour Map: allow to set the colour and the saturation directly from the map.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	RED GROUP DIMMER	0...254
G1	GREEN GROUP DIMMER	0...254
G2	BLUE GROUP DIMMER	0...254

RGB+W GROUP

The "RGB+W GROUP" profile allows to adjust the intensity of the Red-Green-Blue primary colours through three DALI groups and in addition to adjust the White light on a dedicated DALI group.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

White/Colour: sets the mixing value between colour groups G0 to G2 and white group G3.

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DALI groups G0 to G2.

Colour saturation: sets the saturation of the selected colour.

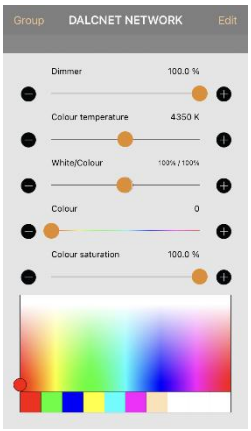
Colour Map: allow to set the colour and the saturation directly from the map.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	RED GROUP DIMMER	0...254
G1	GREEN GROUP DIMMER	0...254
G2	BLUE GROUP DIMMER	0...254
G3	WHITE GROUP DIMMER	0...254

RGB+TW GROUP

The "RGB+TW GROUP" profile allows the intensity of the Red-Green-Blue primary colours to be adjusted through three DALI groups and in addition the Warm White and Cold White light adjustment on two dedicated DALI groups.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour temperature: sets the Colour Temperature value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DALI groups G3 and G4.

White/Colour: sets the mixing value between colour groups G0 to G2 and white groups G3 to G4.

Colour: customize the colour of RGB loads, mixing the Red, Green, and Blue values on DALI groups G0 to G2.

Colour saturation: sets the saturation of the selected colour.

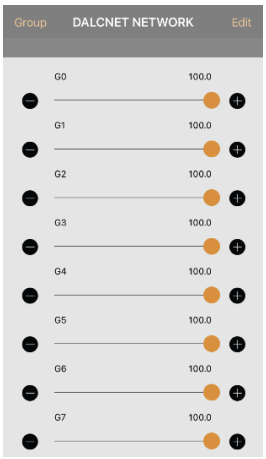
Colour Map: allow to set the colour and the saturation directly from the map.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	RED GROUP DIMMER	0...254
G1	GREEN GROUP DIMMER	0...254
G2	BLUE GROUP DIMMER	0...254
G3	WARM WHITE GROUP DIMMER	0...254
G4	COLD WHITE GROUP DIMMER	0...254

8xW GROUP: 8 GROUPS

The "8xW GROUP" profile allows you to adjust the DALI level of up to eight DALI groups, sending group commands.



Group 0: sets the brightness value 0% (0) to 100% (254) of DALI group G0.

Group 1: sets the brightness value 0% (0) to 100% (254) of DALI group G1.

Group 2: sets the brightness value 0% (0) to 100% (254) of DALI group G2.

Group 3: sets the brightness value 0% (0) to 100% (254) of DALI group G3.

Group 4: sets the brightness value 0% (0) to 100% (254) of DALI group G4.

Group 5: sets the brightness value 0% (0) to 100% (254) of DALI group G5.

Group 6: sets the brightness value 0% (0) to 100% (254) of DALI group G6.

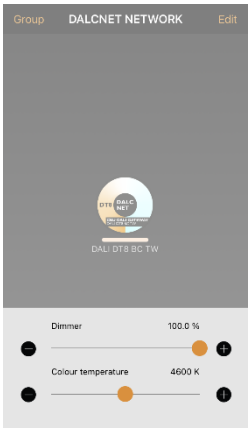
Group 7: sets the brightness value 0% (0) to 100% (254) of DALI group G7.

Each Slave device must first be addressed and assigned to the group by a DALI Master.

Address	Function	Level
G0	GROUP DIMMER 0	0...254
G1	GROUP DIMMER 1	0...254
G2	GROUP DIMMER 2	0...254
G3	GROUP DIMMER 3	0...254
G4	GROUP DIMMER 4	0...254
G5	GROUP DIMMER 5	0...254
G6	GROUP DIMMER 6	0...254
G7	GROUP DIMMER 7	0...254

DALI DT8 BC TW: DT8 BROADCAST FOR 2700-6000K TUNABLE WHITE

The "DALI DT8 BC TW" profile allows you to adjust the brightness and the Colour Temperature (from 2700K to 6000K) of Tunable White DT8 devices sending broadcast commands.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

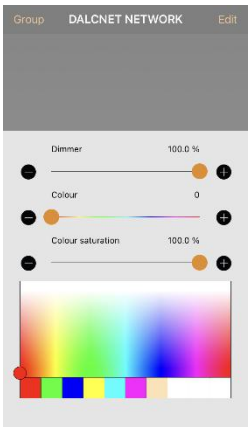
Colour temperature: sets the Colour Temperature Correction value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DT8 Tc value.

The fixture sends broadcast commands to devices compliant with Device Type DT8 (IEC 62386-209). No addressing is required.

Address	Function	Level
BC	DIMMER (ALL)	0...254
	TC (ALL)	0...254

DALI DT8 BC RGB: DT8 BROADCAST FOR RGB

The "DALI DT8 BC RGB" profile allows you to adjust the brightness and the RGB values of DT8 devices in broadcast mode.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DT8 RGBWAF value.

Colour saturation: sets the saturation of the selected colour.

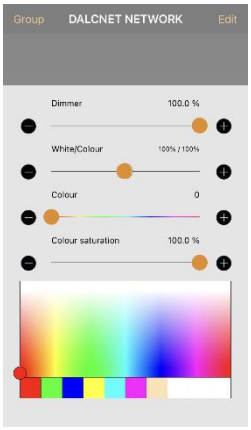
Colour Map: allow to set the colour and the saturation directly from the map.

The fixture sends broadcast commands to devices compliant with Device Type DT8 (IEC 62386-209). No addressing is required.

Address	Function		Level
BC	DIMMER (ALL)		0…254
	RGBWAF (ALL)	R	0…254
		G	0…254
		B	0…254
		W, A, F	Not used

DALI DT8 BC RGB+W: DT8 BROADCAST FOR RGB+W

The "DALI DT8 BC RGBW" profile allows to adjust the brightness, the RGB and the White values of DT8 devices in broadcast mode.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

White/Colour: sets the mixing value between colour and white light on DT8 RGBWAF value.

Colour: customize the colour of RGB load, mixing the Red, Green, and Blue values on DT8 RGBWAF value.

Colour saturation: sets the saturation of the selected colour.

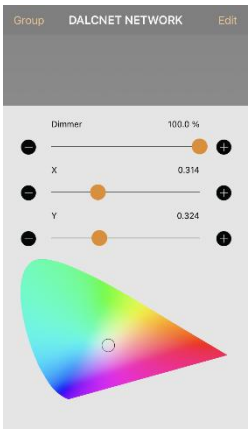
Colour Map: allow to set the colour and the saturation directly from the map.

The fixture sends broadcast commands to devices compliant with Device Type DT8 (IEC 62386-209). No addressing is required.

Address	Function		Level
BC	DIMMER (ALL)		0…254
	RGBWAF (ALL)	R	0…254
		G	0…254
		B	0…254
		W	0…254
		A, F	Not used

DALI DT8 XY: DT8 FOR XY

The "DALI DT8 XY" profile allows you to adjust the brightness and the XY chromaticity coordinates values of DT8 device.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

X: customize the X-coordinate of XY chromaticity, mixing the Red, Green, and Blue values on DT8 XY value.

Y: customize the Y-coordinate of XY chromaticity, mixing the Red, Green, and Blue values on DT8 XY value.

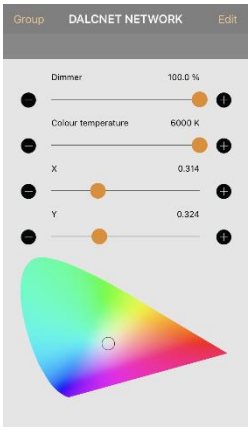
Chromaticity Map: allows to set the above XY chromaticity coordinates directly from the map.

The fixture sends commands to devices compliant with Device Type DT8 (IEC 62386-209). The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function		Level
A0	DIMMER		0…254
	XY	X	0…65279
		Y	

DALI DT8 XY-TW: DT8 FOR XY AND TUNABLE WHITE

The "DALI DT8 XY-TW" profile allows you to adjust the brightness, the Colour temperature and the XY chromaticity coordinates values of DT8 device.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour temperature: sets the Temperature Correction value (2700K ÷ 6000K), mixing the Warm White and Cool White values on DT8 Tc value.

X: customize the X-coordinate of XY chromaticity, mixing the Red, Green, and Blue values on DT8 XY value.

Y: customize the Y-coordinate of XY chromaticity, mixing the Red, Green, and Blue values on DT8 XY value.

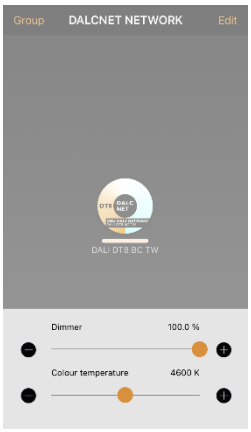
Chromaticity Map: allows to set the above XY chromaticity coordinates directly from the map.

The fixture sends commands to devices compliant with Device Type DT8 (IEC 62386-209). The address is automatically assigned to the unaddressed devices, when necessary.

Address	Function		Level
A0	DIMMER		0…254
	XY	X	0…65279
		Y	
	TC		0…254

DALI DT8 BC TW 2200-4000K: DT8 BROADCAST FOR 2200-4000K TUNABLE WHITE

The "DALI DT8 BC TW 2200-4000K" profile allows you to adjust the brightness and the Colour Temperature (from 2200K to 4000K) of Tunable White DT8 devices sending broadcast commands.



Dimmer: sets the overall brightness value 0% (0) to 100% (254).

Colour temperature: sets the Colour Temperature value (2200K ÷ 4000K), mixing the Warm White and Cool White values on DT8 CCT value.

The fixture sends broadcast commands to devices compliant with Device Type DT8 (IEC 62386-209). No addressing is required.

Address	Function	Level
BC	DIMMER (ALL)	0…254
	TC (ALL)	0…254

DALI GATEWAY: DALI TO CASAMBI DIMMER (SLAVE MODE)

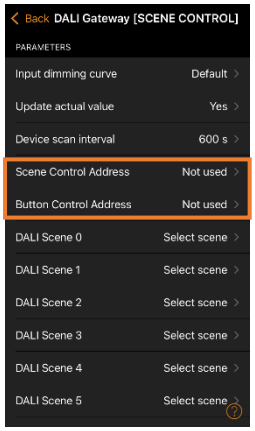
Use this profile to control CASAMBI devices from adjacent addresses on DALI network. Configuration from CASAMBI mobile application.

DALI GATEWAY [CONTROL SCENE]: DALI TO CASAMBI SCENE CONTROL

This profile allows CASAMBI scenes to be activated by "GO TO SCENE" DALI commands received from an external DALI controller. The profile supports:

- up to 8 CASAMBI Pushbutton actions (Scene 0 to 7), activated by "GO TO SCENE 0…7" DALI commands;
- up to 16 CASAMBI Scenes or Animations (DALI Scene 0 to 15), activated by "GO TO SCENE 0…15" DALI commands.

The following parameters define the DALI destination address used to activate each function:



Button Control Address: sets the destination address for CASAMBI button actions (Not used, Broadcast, G0 to G15).

Scene Control Address: sets the destination address for CASAMBI scenes and animations (Not used, Broadcast Casambi scenes, Broadcast Casambi+DALI, G0 to G15).

The address can be configured as a DALI group or Broadcast (CASAMBI scenes). The destination address of the received GO TO SCENE command must match the corresponding Control Address.

If only one of Button and Scene control is required, set the used Control Address to "Broadcast" and the not used Control Address to "Not used". If both Control Addresses are set to Broadcast, use button actions for "GO TO SCENE 0…7" and scenes or animations for "GO TO SCENE 8…15" to avoid overlapping commands.

Note: Pushbutton actions and scenes use the same GO TO SCENE command numbers. Configure the Button Control Address and Scene Control Address correctly to prevent the same command from activating more than one CASAMBI function.