THE LIGHTING
CONTROL COMPANY

DALC
NET

Analog▶   DALI 2   DMX RDM✓   CASAMBI

DALC NET

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Advanced solution for the lighting control

Dalcnet is a dynamic and fast-growing Italian company specialized in crafting top-tier integrated lighting solutions. From the headquarters in Italy, every step of the production process is meticulously overseen, from design and development to manufacturing.

The extensive product line caters to professional lighting control, with a particular emphasis on low-voltage dimmers, including constant voltage and constant current options, as well as a wide selection of converters and phase-cut AC dimmers
The commitment to keeping production in-house grants unparalleled flexibility and premium quality products.

This empowers the possibility for the company to effortlessly accommodate custom OEM projects while maintaining the superior quality standards that have become our hallmark over the years due to the reliability and longevity of the devices.

The current range allows to cover the majority of applications and needs of many different lighting scenarios working through **the most popular protocols like Dali, DMX, CASAMBI, MODBUS.** Thanks to the expertise gained over the year in protocol integration, the offer is further enriched by an extensive range of gateways, facilitating seamless integration of diverse technologies within projects.

2012
A new light
is born

2014 International sales network

2015 The joint venture with Digimax

2016 Partnership with DiiA & Casambi

2021 Dalcnet part of the Digimax group

2020 New headquarter

2018 100k devices sold

2022 New fully automated production line

2024 new products

WHY CHOOSE US

Made in Italy design, development and production

High quality products and long-term **reliability**

Continuous research **& development** activities

Compatibility with the most common protocols

Large **stock** of products

Technical **assistance** and **post-sales** support

Development of **customized** solutions

Ease of **use** of devices

INDEX

Analog ▶

Push button, 0-10, 1-10, potentiometer

MINI-1CV

- Single channel
- Input: 12-48 V
- Output: 12 A
- Configurable PWM frequency from 300 Hz to 4kHz
- Push button input
- LightApp configuration
- Size: 46x46x25mm

SETTINGS AVAILABLE ON LIGHTAPP

- Dimming Curve
- Min/max level
- PWM frequency
- Fade time
- Dimming speed
- Static scenes
- Dynamic scenes
- Switch/sensor behavior
- And others

LINE-5CV

- Five channels
- Input: 12-48 V
- Output: 5 x 5 A (Total max 12 A)
- Configurable PWM frequency from 300 Hz to 4kHz
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 186x29x22 mm

NEW PRODUCT

Analog

NEW PRODUCT

LINE-4CC

- Four channels
- Input: 12-48 V
- Output: 4 x max 900mA
- Constant current level configurable on LightApp
- Configurable PWM frequency from 300 Hz to 3,4kHz
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 186x29x22 mm

SETTINGS AVAILABLE ON LIGHTAPP

- Dimming Curve
- Min/max level
- PWM frequency
- Fade time
- Dimming speed
- Static scenes
- Dynamic scenes
- Switch/sensor behavior
- And others

DLD1248-1CV

- DIN-Rail Single Channel
- Input: 12-48 V
- Output: max 8 A
- PWM frequency 300/600/1200 Hz
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x36x62mm

NEW PRODUCT

MICRO-1CV

- Super compact single channel
- Input: 12-48 V
- Output: 150 W, -6,25 A
- Synch input/output
- Push button input
- Size: 72x21x15mm

Λnalog▶

DALI 2

Digital Addressable Lighting Interface

MINI-1CV-DALI

- Single Channel
- Input: 12-48 V
- Output: max 10 A
- Configurable PWM frequency from 300 Hz to 4kHz
- DALI2.0
- Push button input
- LightApp configuration
- Short circuit protection
- Size: 46x46x25mm

LIGHT APP

SETTINGS
AVAILABLE
ON LIGHTAPP

- Address
- Dimming Curve
- Min/max level
- Power-on Level
- System failure level
- Fade rate – Fade time
- Groups
- Scenes
- Animations
- And others

NEW PRODUCT

MINI-1AC-DALI

- AC phase-cut dimmer
- Push button input
- Maximum power 300 W (LED)
- DALI2.0
- LightApp configuration
- Overload-Short Circuit protection
- Size: 46x46x25mm

DALI 2

SLIM-1CC-DALI

NEW PRODUCT

- Single Channel
- Input: 12-48 V
- Output current: up to 1,6 A
- Hybrid dimming
- DALI2.0
- Push button input
- LightApp configuration
- Size: 136x29x22mm

LIGHT APP

SETTINGS AVAILABLE ON LIGHTAPP

- Address
- Dimming Curve
- Min/max level
- Power-on Level
- System failure level
- Group
- Scene
- Fade rate – Fade time
- And others

LINE-5CV-DALI

NEW PRODUCT

- Five Channel
- Input: 12-48 V
- Output: max 12 A
- Configurable PWM frequency from 300 Hz to 4kHz
- DALI2.0
- DT8 RGBWA and DT6 profiles
- Short circuit protection
- LightApp configuration
- Size: 186x29x22 mm

DLD1248-1CV-DALI

- DIN-Rail Single Channel
- Input: 12-48 V
- Output: max 8 A
- PWM frequency 300/600/1200 Hz
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x36x62mm

DLD1248-4CV-DALI

- DIN-Rail Four Channels
- Input: 12-48 V
- Output: 5A x channel (max 20A TOTAL)
- PWM frequency 300/600/1200 Hz
- Profiles: 4W, Dim-to-warm, TW, 2x TW, RGB, RGBW, MRGB+, MRGBW+, Smart HSV
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x72x62mm

DLD1248-4CC-DALI

- DIN-Rail Four Channels
- Input: 12-48 V
- Output: 250 mA - 700 mA (50 mA step)
- PWM frequency 300/600/1200 Hz
- Profiles: 4W, Dim-to-warm, TW, 2x TW, RGB, RGBW, MRGB+,MRGBW+ Smart HSV
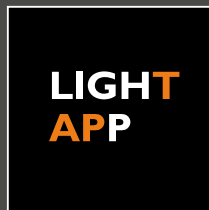- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x72x62mm

Digital MultipleX lighting control

LINE-5CV-DMX

- Five independent channels
- Input: 12-48 V
- Output: 5 x 5 A (Total max 12 A)
- DMX-RDM Personalities : Independent channels, macrodimmer, TW, Dim-to-warm , SMART HSV RGB/ RGBW, MASTER RGB+ / RGBW+
- PWM frequency 4 kHz
- Screwless cable cover
- Size: 186x29x22 mm

LIGHT APP

SETTINGS AVAILABLE ON LIGHTAPP AND RDM

- DMX Address
- Constant current level
- Dimming Curve
- PWM frequency
- Min/max level
- Power-on Level
- Operating hours and power cycles
- DMX Personality:
    - Independent channels
    - Macro channel
    - Smart HSV RGB-RBGW-RGBTW
    - Tunable White
    - Dim-to-warm
    - MRGB+ - MRGBW+

LINE-4CC-DMX

- Four independent Channels
- Input: 12-48 V
- Output current: from 150mA to 900mA
- PWM frequency 3,4kHz
- DMX-RDM
- LightApp configuration
- Size: 186x29x22 mm

NEW PRODUCT

NEW PRODUCT

DMX RDM

DLD1248-1CV-DMX

- DIN-Rail Single Channel
- Input: 12-48 V
- Output: max 8 A
- PWM frequency 300/600/1200 Hz
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x36x62mm

DLD1248-4CV-DMX

- DIN-Rail Four Channels
- Input: 12-48 V
- Output: 5A x channel (max 20A TOTAL)
- PWM frequency 300/600/1200 Hz
- Profiles: 4W, Dim-to-warm, TW, 2x TW, RGB, RGBW, MRGB+, MRGBW+, Smart HSV
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x72x62mm

DLD1248-4CC-DMX

- DIN-Rail Four Channels
- Input: 12-48 V
- Output: 250 mA - 700 mA (50 mA step)
- PWM frequency 300/600/1200 Hz
- Profiles: 4W, Dim-to-warm, TW, 2x TW, RGB, RGBW, MRGB+,MRGBW+, Smart HSV
- Local Command N.O. push button / 0-10V / 1-10V / Potentiometer
- Size: 92x72x62mm

AIR-BRIDGE-DMX

- AC input
- DMX input/output
- Transmitter/receiver on the same device
- Configuration with jumpers and bluetooth app
- Lumenradio CRMX integrated technology
- Capable to trasmit a complete DMX universe
- IP67

SPLITTER
4CH-LE-DMX

- DIN-rail 4 way DMX splitter
- Input: 12-48 V
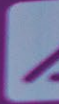- DMX capabilities
- Size: 92x72x62mm

SPLITTER
4CH-RDM-LE-DMX

- DIN-rail 4 way DMX-RDM splitter
- Input: 12-48 V
- DMX-RDM capabilities
- Size: 92x72x62mm

SLESA-U9

- Standalone DMX-RDM Controller
- Input: 5-5.5V DC
- DMX universe: 1 (256 channels)

- Standalone mode: 1 area, 20 scenses
- Connections: mini-USB, XLR3, HE10
- Dimensions: 92x79x43 mm

SLESA-U10

- Standalone DMX-RDM Controller
- Input: 5-5.5V DC
- DMX universe: 1 (512 channels)
- Standalone mode: 1 area, 99 scenses

- Built-in WIFI connection
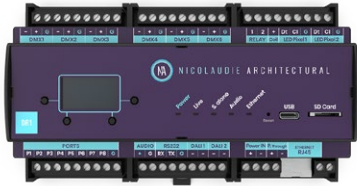- Connections: USB-C, 2x XLR3, 2x HE10
- Dimensions: 92x79x43 mm

SLESA-U11

- Live & Standalone DMX-RDM Controller
- Input: 5-5.5V DC
- 10 buttons keyboard
- DMX universe: 2 (1024 channels)

- Standalone mode: 5 areas, 99 scenses
- Built-in WIFI connection
- Connections: 4x RJ45 + Ethernet
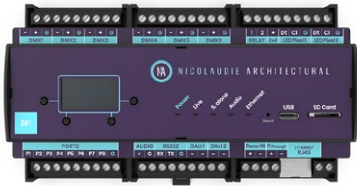- Dimensions: 160x90x45 mm

STICK-DE3

- Live & Standalone DMX-RDM Controller
- Input: 5-15V DC
- DMX universe: 2 (1024 channels)

- Standalone mode: 10 areas, 500 scenses
- Connections: 4x RJ45 + Ethernet
- Dimensions: 146x106x11 mm

DINA-DR1

- Standalone DMX-RDM Controller
- Input: 8-15 V DC
- DMX universe: 6 (3072 channels)
- Standalone mode: 20 areas, 2000 scenses
- iOS / Android remote control
- Connections: USB-C, Ethernet, Terminal blocks
- Dimensions: 91x160x62 mm

DINA-DR1 LITE

- Standalone DMX-RDM Controller
- Input: 8-15 V DC
- DMX universe: 2 (1024 channels)
- Standalone mode: 20 areas, 2000 scenses
- iOS / Android remote control
- Connections: USB-C, Ethernet, Terminal blocks
- Dimensions: 91x160x62 mm

DINA-DR2

- Live & Standalone DMX-RDM Controller
- Input: 8-15 V DC
- DMX universe: 2 (1024 channels)
- Standalone mode: 5 area, 99 scenses
- iOS / Android remote control
- Connections: USB-C, Ethernet, Terminal blocks
- Dimensions: 91x106x59 mm

DINA-DR2 LITE

- Live & Standalone DMX-RDM Controller
- Input: 8-15 V DC
- DMX universe: 1 (512 channels)
- Standalone mode: 5 areas, 99 scenses
- iOS / Android remote control
- Connections: : USB-C, Ethernet, Terminal blocks
  Dimensions: 91x106x59 mm

DINA-DR MICRO

- Standalone DMX-RDM Controller
- Input: 5 V DC
- DMX universe: 1 (60 channels)
- Standalone mode: 1 area, 10 scenses
- Connections: USB,
- Terminal block
- Dimensions: 29x52x24 mm

CASAMBI

Wireless lighting control
for the modern world

MINI-1CV-CASAMBI

- Single channel
- Input: 12-48 V
- Output: max 12 A
- PWM frequency 4 kHz
- Bluetooth 5.0 – Long range mode
- Configurable Push button input
- Size: 46x46x25mm

SLIM-1CC-CASAMBI

- Single channel
- Input: 12-48 V
- Output current: up to 1,6 A
- PWM frequency 3,4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 136x29x22mm

SLIM-1CC-LV-CASAMBI

- Single channel
- Input: 12-48 V
- Output current: up to 1,6 A
- Two-axis LENSVECTOR control
- PWM frequency 3,4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 136x29x22mm

SLIM-2CV-CASAMBI

- Two channels
- Input: 12-48 V
- Output: 2 x 5 A (Total max 10 A)
- Profiles:Tunable white , Dim-to-warm , Indipendent channels
- PWM frequency 4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 136x29x22mm

NEW PRODUCT

SLIM-2CC-CASAMBI

- Two channels
- Input: 12-48 V
- Output: Max 1,6 A total
- Profiles:Tunable white , Dim-to-warm , Indipendent channels
- PWM frequency 3,4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 136x29x22mm

LINE-5CV-CASAMBI

- Five channels
- Input: 12-48 V
- Output: 5 x 5 A (Total max 12 A)
- Profiles: RGB, RGB+W, RGB+TW, RGB+2W, 2x TW
- PWM frequency 4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 186x29x22 mm

LINE-4CC-CASAMBI

- Four channels
- Input: 12-48 V
- Output: 4 x max 900mA
- Constant current level configurable from the Casambi fixture
- Profiles: 4 channels, RGB, RGB+W, 2 x Tunable white
- PWM frequency 4 kHz
- Bluetooth 5.0 – Long range mode
- 2 x Configurable Push Button Inputs
- Screwless cable cover
- Size: 186x29x22 mm

SLIM-CBU-DALI

- Input: 230 Vac
- Configurable Push Button Input
- 0-10V/1-10V output
- DALI output
- Integrated DALI PSU to control up to 15 devices
- Screwless cable cover
- Size: 136x29x22mm

CBU-DALI-GATEWAY

- Input: 12-48 V
- Configurable Push Button Input
- DALI2.0 certified
- Mulltiple profiles for controlling DALI networks
- DALI-to-Casambi gateway functionality
- Size: 92x36x62mm

CBU-MASTER-DALI IP

- Input: 230 vAC
- Output command: Dali with integrated PSU for 64 devices
- DALI2.0 certified
- Several profiles for managing DALI networks (DT6 – DT8)
- DALI devices control via Casambi APP
- IP66 protection grade – suitable for outdoor application
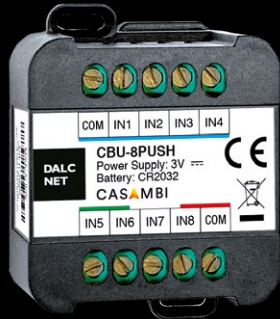- Size: 90x90x65mm

CASAMBI

CBU-MASTER-DMX IP

- Input: 230 VAC
- Output command: DMX
- Several profiles for managing 1x DMX universe (512 channels)
- DMX devices control via Casambi APP
- IP66 protection grade – suitable for outdoor application
- Size: 90x90x65mm

DGD-CMB-DMX

- Input: 12-48 V
- Configurable Push Button Input
- Mulltiple profiles for controlling DMX universe
- DMX-to-Casambi gateway functionality
- Size: 92x36x62mm

CBU-8PUSH

- Input: CR2032 battery
- 8x Configurable Push Button Inputs
- Possibility to control groups and animations
- Bluetooth 5.0 – Long range mode
- Size: 57x44x19

TIMER-CASAMBI

- Input: 12-48 V
- Push button input
- Backup timer up to 24h also for scenarios, circadian profiles, etc.
- Bluetooth 5.0 – Long range mode
- Size: 57x44x25

CASAMBI

GateWays

Gateways and signal converters

DGM02-1248

- Input: 12-48 V
- Multiple lighting BUS control
- (DALI – DMX – Modbus)
- Multiple ethernet protocols input
  (Telnet – Artnet – sACN – Modbus TCP)
- DALI2.0 certified
- Integrated DALI PSU
- DT8 command supported
- DALI commissioning capabilities
- Stand-alone web interface
- Size: 92x72x62 mm

DGD-**DMX**-DALI
DGD-**DALI**-DMX

- Input: 12-48 V
- Multiple lighting BUS control (DALI - DMX)
- DGD-DMX-DALI convert only the first 64 DMX channels in 64 DALI addresses
- The DGD-DALI-DMX convert all 64 DALI addresses in 64 DMX Channels
- Size: 92x36x62 mm

Dalcnet is pleased to accompany you on this journey through the world of lighting. With a wide range of innovative products and tailor-made lighting solutions, **Dalcnet** is committed to transforming environments and creating extraordinary lighting experiences.

From our dedication to quality and innovation to our focus on customer service, we are constantly striving to exceed our customers' expectations. With extensive experience in the industry and a passion for excellence, we are ready to meet the needs of designers, architects, installers, and individuals.

We take pride in offering cutting-edge products that not only illuminate spaces but also transform them into welcoming, functional, and aesthetically stunning environments. We are always ready to explore new challenges and collaborate with you to bring your boldest lighting projects to life.

Together, we can illuminate the future.
Thank you for choosing **Dalcnet** as your trusted partner in lighting.

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THE LIGHTING CONTROL COMPANY

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