

Quick start Guide - CLUB DALI

This quick start guide contains important informations on the safe operation of the product. Read and follow the safety advice and instructions given. Retain the quick start guide for future reference. If you pass the product on to others please include this quick start guide.

Safety instruction

Intended use:

This device is intended to control lighting devices and effects via computer using appropriate software. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

General handling:

- Never use force when handling the product
- Never immerse the product in water
- Just wipe it with a clean dry cloth.
- Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents

Never use the product:

- In direct sunlight
- In conditions of extreme temperature or humidity
- In extremely dusty or dirty areas
- At locations where the unit can become wet
- Near magnetic fields



Choking hazard!

Danger for children:

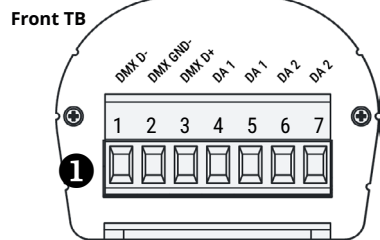
Ensure that plastic bags, packaging... are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts from the product. They could swallow the pieces and choke!

Features

Hardware features:

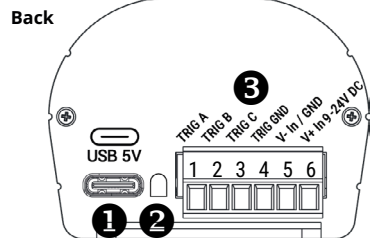
- Number of DMX-RDM Outputs : Up to 512 channels
- DALI Outputs : Up to 64 IDs, 16 groups, 16 Scenes
- Standalone Mode
- 16-bit and fine DMX channel management
- Internal Memory : Yes (8 MB)
- Memory Capacity : max steps 15 000
- Dry Contact Triggers : Yes (3 smart contacts port with 7 actions max)

- Default start scene when power up and recovery
- Power input : 5V via USB-C or 9-24V DC from connector, 0,2 A
- Housing : Strong Aluminum
- Dimensions : H : 103 (4.06 in) / W : 50mm(1.96in) / D : 37,5mm (1.47in)
- Operating Temperature : -40 to +85 C° / -40 to 185 F°
- International Warranty : 3 years



Front of TB version

- Terminal Block connector with screw
 - 1: DMX Data -
 - 2: DMX GROUND
 - 3: DMX Data +
 - 4: DALI 1
 - 5: DALI 1
 - 6: DALI 2
 - 7: DALI 2



Back

- USB-C Connector (5V DC input)
- USB Signal LED
- Terminal Block Connector with screws
 - 1 to 3 : Trigger A, B, C
 - 4 : Trigger Ground
 - 5 : V- input / Ground
 - 6 : V+ Input 9-24V DC ; 0,2A

USB Signal LED operating states: G=Green; R = Red; Y= Yellow

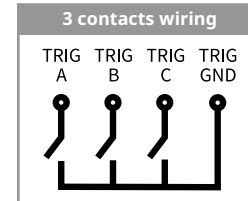
G Off + R Off	Interface not connected
G On + R Off	Interface powered (USB / External), no scene stored
Alternating G On, R On	Bootloader Mode active
G Fast Flash + R Off	Active USB communication (Live)
G slow Flash + R Off	Stand-alone mode active with stored scenes
G+R Fast Flash	Blacklist active

Trigger Options :

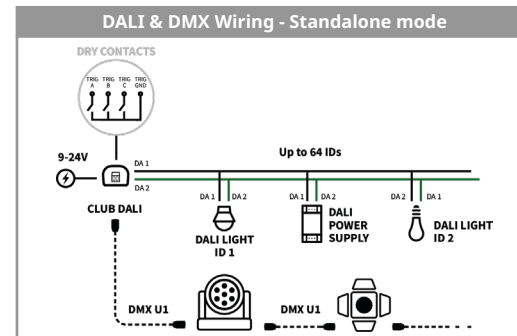
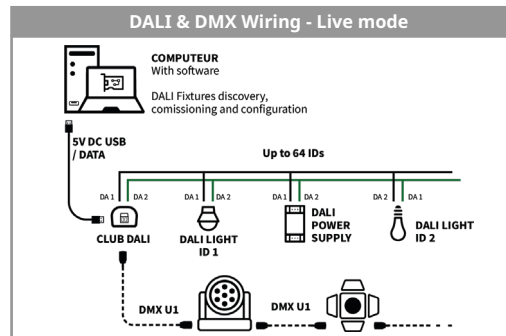
- **On** : Starts scene if not playing
- **On / Off** : Starts or stops scene with each contact action.
- **Auto Release** : Scene plays when contact is active, scene stops when contact is inactive.
- **Restart** : Scene restarts with each contact action.
- **If something plays** : Start the scene only when a scene is playing.
- **If nothing plays** : Start the scene only when nothing is playing.

Trigger actions are acted on Ground pin of the PCB.

Contact's wiring	
Contact	Binary value
TRIG A / T1	01
TRIG B / T2	02
TRIG C / T3	04



Trigger commands : Stop, pause, black out, scene +/-, dimmer +/-, speed +/-, colour +/-, CCT +/-



Starting instructions and Stand Alone

1. Installation & Connection

- Download and install the free lighting control software and USB drivers.
- Connect the CLUB DALI to your computer using the USB-C cable.
- Launch the software (the interface is detected automatically)

2. Fixture Setup (DMX & DALI)

- Configure the software according to your DMX and DALI lighting fixtures.
- For DALI:
 - Run DALI Discovery to detect all devices on the DALI line.
 - Assign a unique ID to each device (commissioning).
 - Create groups if needed.
- For DMX:
 - Patch your DMX fixtures and verify channel mapping.

3. Programming Scenes & Sequences

- Create scenes for both DMX and DALI fixtures (levels, colors, DT6/DT8, scenes).
- Build sequences with DMX Steps and cues or with DALI commands.
- Test scenes first from directly from the software.

4. Stand-Alone Playback

- Select the Stand Alone mode of the software
- Check and save all programmed scenes into the device's internal memory.
- Close the software: your interface is now ready for stand-alone operation, playing back both DMX and DALI data without a computer.

Caution: Check the contents of the package and the condition of the interface after unpacking! Contact your supplier if something is missing or is damaged. Do not use the device if it appears to be damaged!

Technical support, Free Software and Application :

Technical support : <https://chromateq.com/contact/>
Software download : <https://chromateq.com/dmx-software-downloads/>

System Requirements:

- Windows ©, Mac OS ©, Linux © (32/64 bits)
- 2Ghz CPU (2 cores), 8 Gb RAM
- 2Gb RAM graphic card (for 3D only)
- 600 Mb disk, 1920x1080 screen resolution
- 1 USB & Ethernet Port (for Art-Net & sACN)

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