

Quick start Guide - CLUB SPI

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!

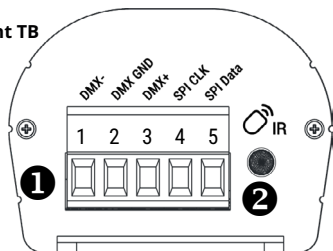
Features

Hardware features:

- Number of DMX-RDM Outputs : Up to 512 channels
- SPI Outputs (Data + Clock) : 1x 1020 Px. RGB / 3072 Ch.
- Standalone Mode
- DMX to SPI converter: 3072 channels, 170 RGB or 128 RGBW pixels
- Converter Options: Pixel Grouping, Start DMX address, Pixel repeating
- 16-bit and fine DMX channel management
- Internal Memory : Yes (32 MB)
- Memory Capacity : max steps 8 000 for 7U. (1 DMX + 6 SPI

- Infra-red Receiver : Yes, (IR remote control for triggers include)
- 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, 0,3 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

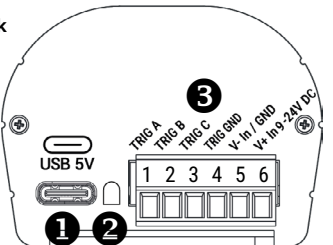
Front TB



Front of TB version

- 1 Terminal Block connector with screw
1: DMX -
2: DMX GROUND
3: DMX +
4: SPI Clock
5: SPI Data
- 2 Infrared Receiver LED, (Remote unit is included)

Back



Back

- 1 USB-C Connector (5V DC input)
- 2 USB Signal LED
- 3 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 ; 0,3 A

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
R Fast Flash	SPI Driver Mode, DMX-IN to SPI converter mode

Trigger Options :

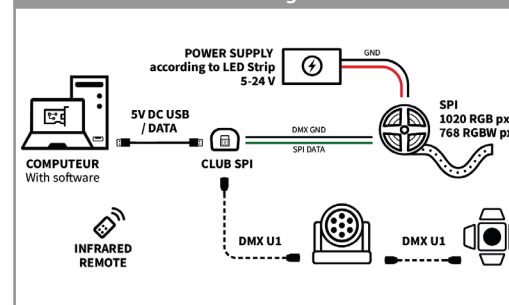
- **On** : Starts scene if not playing
- **On / Off** : Starts or stops scene with each contact action.
- **Auto Release** : Scene plays when contact is active, scene stops when contact is inactive.

- **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 activated on Ground pin of the PCB.

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

SPI & DMX Wiring - Live mode



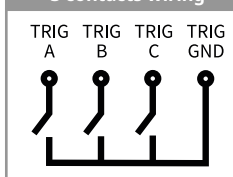
Starting instructions and Stand Alone

- Download and install the free lighting control software and USB drivers.
- Connect your device to your computer with the included USB-C cable.
- Start the software (your interface will be detected automatically).
- Configure the software according your DMX lighting fixture setting.
- Program scenes and sequences using the lighting control software.
- Play your show in Live Board mode to confirm.
- In the standalone mode, save the programmed scenes and sequences into the internal memory.
- Close the software. Your device is now ready to operate in standalone mode.

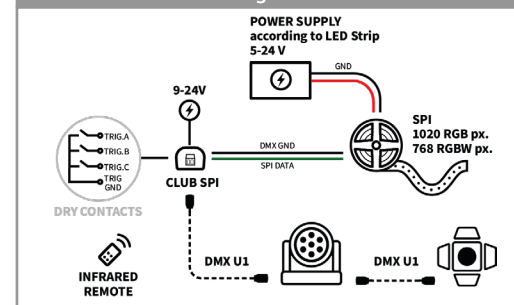
Contact's wiring

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

3 contacts wiring



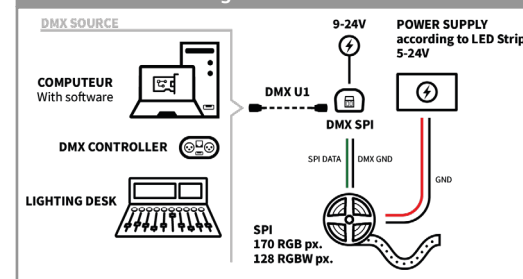
SPI & DMX Wiring - Standalone mode



LED Driver mode

- Start the DEVICETOOL located in the software directory.
- Connect you device and open it.
- In the MODE tab, select DMX-SPI and apply.
- Close the device, Red LED flash fast and the device is in LED driver converter mode.

Wiring - DMX SPI Mode



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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