

Ultra thin wall mountad Glass panel and DMX lighting controller

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 :

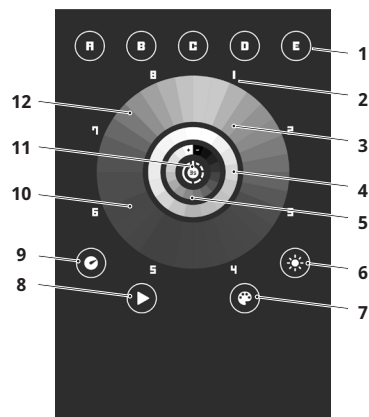
- 512 or 1024 channels DMX output
- 512 (1 zone), 1024 (5 zones with zone combinations)
- Fine Control wheel for RGB Colours, CCT, Speed, Dimmer, Saturation
- Play Scene, Colour, Speed, Dimmer, Zones or Pages
- Internal memory (8MB) + Micro SD card slot
- 4 Contacts on 3-5V DC
- Real Time Clock and calendar triggering for each scene
- USB-C (5V. DC, 0.1A), RJ45 (Contacts, Master/Slave)
- 7 Pin Terminal Block (DMX1, DMX2, DC Power)
- Power input: 9~24V DC, 0.1A / Output: 5V DC
- Housing: ABS, glass (panel)
- Dimensions mm : H: 144 (5.67) / W: 97 (3.82) / D: 10 (0.39)
- Operating Temperatures: -40 to +85 C° / -40 to 185 F°

• International Warranty: 5 years

Device options :

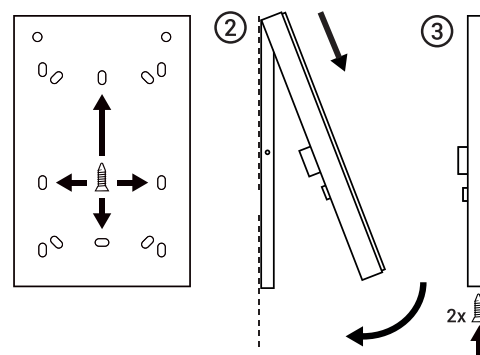
- Fine wheel control for RGB Colours, CCT, Speed, Dimmer
- Scenes, up to 8 per Zone / Page
- Pages, up to 5 with 8 scenes per page (TOUCH 512)
- Scene Recovery if power cut off / Default start scene
- Clock schedule setup per hour, day, week, month, year and repeat year
- Fade time between scenes
- Standby panel display animations
- Auto blackout LED panel after 4s
- 16-bit and fine DMX channel management
- Master/Slave synchronization, connect up to 32 devices

Panel Operation

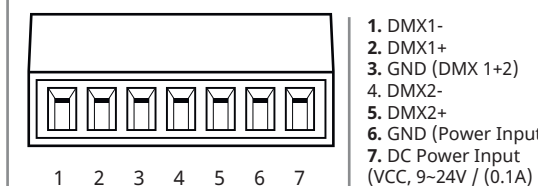


- 1. Page selection (TOUCH 512)**
Tap to select zones/Pages individually. **Zone selection (TOUCH 1024)** Hold 2s to combine Zones
- 2. Scenes #**
Pick 1-8 (8 scenes per Zone or Page, scene mode selected)
- 3. Colour wheel**
Pick RGB-AW colour in the wheel for the selected zone (Colour mode selected)
- 4. Colour temperature**
Cool to warm white representation for the selected zone (CCT mode selected)
- 5. Dimmer intensity**
Light intensity (+/-) Representation (Dimmer mode selected)
- 6. Dimmer or saturation mode activation**
Dial the wheel to adjust brightness for selected zone (Active for 5s)
Hold 2s to enter saturation mode.
- 7. Colour or CCT mode activation**
Dial the wheel to pick RGB-Amber-White colour.
Hold 2s to enter cool/warm white mode
- 8. Scene mode activation**
Use the wheel to start or stop a scene
- 9. Speed mode Activation**
Use the wheel to change the current scene speed (Active for 5s)
- 10. Scene speed**
Dial the wheel to adjust scene playback speed (+/-) (Speed mode selected)
- 11. On / Off**
Tap to cancel wheel settings (Hold 3s for standby or wake-up)
- 12. Tactile wheel picker and dial**
Adjust colour temperature, intensity (+/-) speed (+/-) and scenes

TOUCH mounting

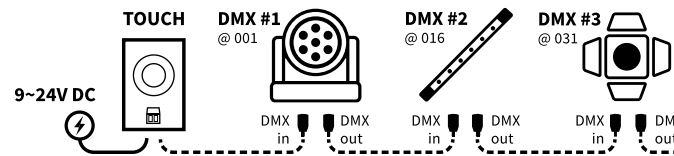


7 Pin Terminal Pinout

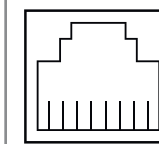


1. DMX1-
2. DMX1+
3. GND (DMX 1+2)
4. DMX2-
5. DMX2+
6. GND (Power Input)
7. DC Power Input (VCC, 9~24V / (0.1A))

DMX Wiring - Standalone Mode



RJ45 Pinout (not for LAN, network not available)



8 7 6 5 4 3 2 1

1. GND
2. 5V DC Output - For triggers
- 3-6. TRIG A, B, C, D - Dry Contact pins
7. M/S DATA - Master/Slave Data
8. M/S CLK - Master/Slave Clock

Contact's wiring

Contact	TRIG A / T1	TRIG B / T2	TRIG C / T3	TRIG D / T4
Binary value	01	02	04	08

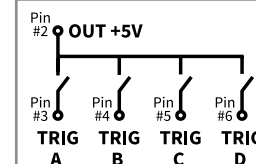
Trigger Options :

- **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 activate on 5V DC pin of the PCB.

Special trigger commands : Stop, pause, blackout, scene +/-, dimmer +/-, speed +/-, colour +/-, CCT +/-, zones +/-, zone A-B-C-D-E-global

4 contacts wiring



Programming the device and DMX Playback - Stand Alone mode

- Download and install the free lighting control software and USB drivers.
- Connect your device to your computer via 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.
- Save the programmed scenes and sequences into the internal memory.
- Close the software. Your panel is now ready to operate in standalone mode.

LED signal correspondence

LEDs OFF	Not powered / No USB
Main LED ON	Powered / Stand Alone
Main LED blink normal	USB software connection
Main LED fast blink	µSD detection
Main LED slow blink	Stand Alone with µSD
Zone LED sequence	In bootloader mode, waiting to load a new firmware

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!