Sunlite Intelligent Usb Dmx Interface

Technical datasheet

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www.nicolaudie.com Version 1.0

SPECIFICATIONS

Package Interface, cdrom, usb cable
OS Requirement Mac OSx 10.6/10.7/10.8 - Windows XP/VISTA/SEVEN/8 32/64 bits and USB 2.0
Colors Blue, Orange, Gray, Green, Marine, White, Red
Connections XLR3, mini USB, 1 HE10
Power Power From 5V to 5.5V DC (AC/DC adapter in option, ref: POWER1 EU)
Certifications EC, EMC, ROHS, ETL, UL (some are in progress)
Interface 79x92x43 mm 90g
Package 140x135x50 mm 290g
Use Environment IP20 Temperature 0ºC to 50ºC
Buttons 2 buttons to change scene (previous/next) + 1 button to change dimmer

DMX Live control and Stand Alone controller
- USB connection
- 512 DMX512 channels universe in live mode (computer)
- 256 DMX512 channels universe in stand alone
- 8 dry contact trigger ports via HE10 connector
- stand alone mode with 1 area and 20 scenes

Internal HE10
- Direct access to DMX, dimmer, ports, previous and next triggers
- DMX Chip SP485ECP-L
- Internal HE10 mounting point
- PORTS 1-8
- 1 DMX1 ground
- 2 DMX1 data-
- 3 DMX1 data+

External HE10
- GND VIN 5-5.5V
- Previous
- GND GND
- Dimmer
- GND
- Unused
- DMX LED 5-8
- USB LED 9-10

CAUTION: DO NOT SHORT THE USB

External HE10
- P1 PORT 1
- P2 PORT 2
- P3 PORT 3
- P4 PORT 4
- P5 PORT 5
- P6 PORT 6
- P7 PORT 7
- P8 PORT 8

CAUTION: DO NOT SHORT THE USB
**LIVE USE WITH COMPUTER**

![Diagram of live use with computer]

**STAND ALONE USE**

![Diagram of stand alone use]

**SOFTWARE**

**TOOLS.EXE** to set parameters

![Diagram of software interface]

**Nicolaudie software**

- Easy Stand Alone software (PC)
- ESA2 software (PC & Mac)

**TOOLS TABS**

- **Interface**: Displays the serial number and firmware version
- **Stand Alone**: Set the interface to stand alone mode
- **Firmware**: Write the latest firmware
- **Test**: Test DMX outputs and ports
- **Parameters**: Adjust special parameters
- **Dmx Timing**: Adjust DMX output signal

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