

# SLESA-U9

## Sunlite Easy Stand Alone USB-DMX controller



### Overview

The most cost-effective version of our standalone DMX interfaces for applications where simplicity and reliability are very important.

Able to control 256 channels ( \*now upgradable to 512) in a single zone, allowing for the playback of dynamic and highly detailed scenes. DMX output via a 3 pin XLR socket. Scenes are triggered via push buttons or dry contacts.

Perfect for integrators or manufacturers as it can be supplied with or without an XLR socket.

<https://www.cqiled.com/en/product/slesa-u9.html>

### Key Features

- USB connection
- 256 DMX512 channels universe in stand alone \*
- 256 DMX512 channels universe in live mode \*
- Upgradable to 512 channels online using SUT
- 8 dry contact trigger ports via HE10 connector
- Stand alone mode with 1 area and 20 scenes
- Buttons for changing scenes and dimmer
- OEM customization

### \* SUT (Sunlite Upgrade Technology)

The interface is compatible with SUT (Smart Upgrade Technology). If you need more DMX channels or compatibility with different software, SUT allows for an easy upgrade. You can also purchase licences for any other Nicolaudie Group software. Free 30 days trials available on most upgrades. Find out more at [store.nicolaudie.com](http://store.nicolaudie.com)

### Technical Data

<b>Input Power</b>	5-5.5V DC 0.6A
<b>Output Protocol</b>	DMX512 256 channels Standalone * 256 channels Live *
<b>Programmability</b>	PC, Mac
<b>Available Colors</b>	Blue, Orange, Gray, Green, Marine, White, Red
<b>Connections</b>	Mini USB, XLR3, HE10
<b>Memory</b>	internal flash
<b>Environment</b>	IP20. 0°C - 50°C
<b>Buttons</b>	2 buttons to change scene + 1 button to change area
<b>Dimensions</b>	79x92x43mm 120g Complete Package 140x135x50mm 340g
<b>OS Requirements</b>	Mac OS X 10.13.6+ Windows 10/11
<b>Standards</b>	EC, EMC, ROHS

### Optional Accessories

**POWER1\_EU/UK/US** 5V ACDC power supply with EU/UK/US plug

# CONNECTIVITY

## Live Use with a Computer



## Standalone Use



### PORTS SETUP

Connect any of the port pins with the ground pin to trigger a volt free dry contact port. Ports can be combined in binary to have up to 255 triggers.

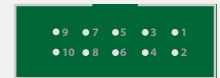


### EXTERNAL HE10



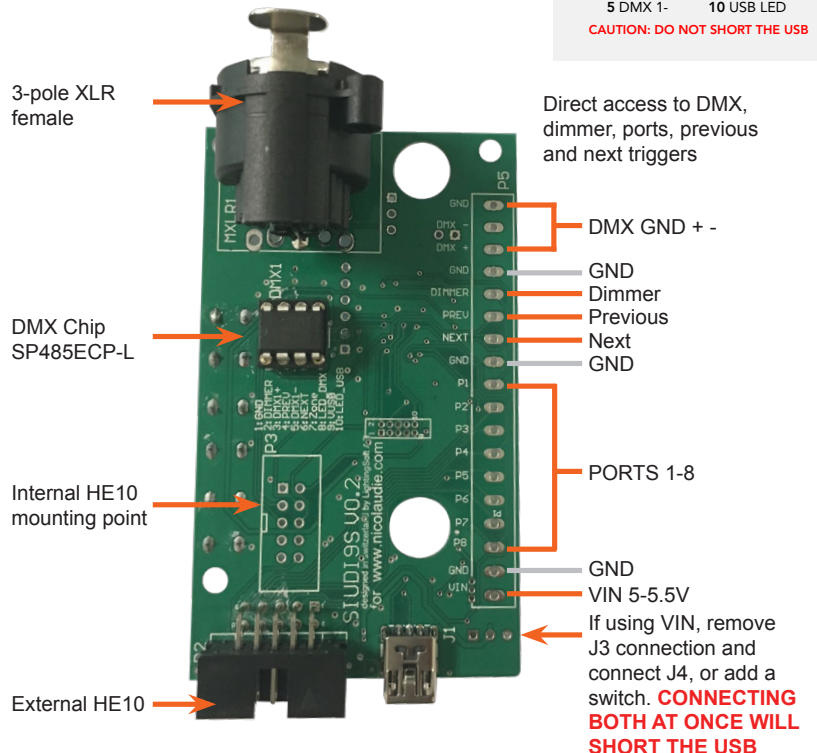
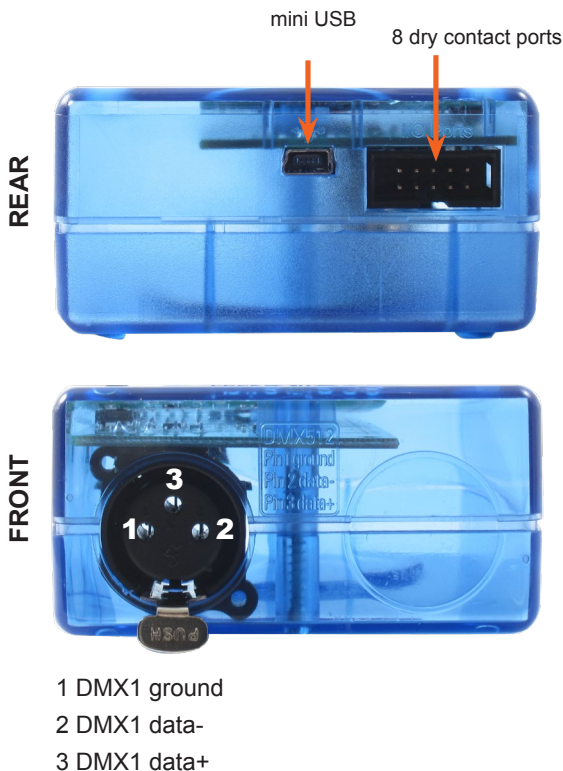
- |                  |                   |
|------------------|-------------------|
| <b>P1</b> PORT 1 | <b>P6</b> PORT 6  |
| <b>P2</b> PORT 2 | <b>P7</b> PORT 7  |
| <b>P3</b> PORT 3 | <b>P8</b> PORT 8  |
| <b>P4</b> PORT 4 | <b>GND</b> Ground |
| <b>P5</b> PORT 5 |                   |

### Internal HE10



- |                   |                   |
|-------------------|-------------------|
| <b>1</b> GND      | <b>6</b> NEXT     |
| <b>2</b> DIMMER   | <b>7</b> UNUSED   |
| <b>3</b> DMX 1+   | <b>8</b> DMX LED  |
| <b>4</b> PREVIOUS | <b>9</b> USB 5V*  |
| <b>5</b> DMX 1-   | <b>10</b> USB LED |

**CAUTION: DO NOT SHORT THE USB**



## Nicolaudie Software

To program your controller download ESA2 or ESA Pro 2 from <https://www.cqiled.com/en/download-dmxsoft.html> Use HardwareManager to manage your controller and update firmware.

To buy upgrades, software and apps, go to : [store.nicolaudie.com](http://store.nicolaudie.com)

# Troubleshooting

## The controller is not detected by the computer

- Be sure that the latest software version is installed from our website [nicolaudie.com/download](http://nicolaudie.com/download)
- Connect by USB and open the Hardware Manager (found in the software directory). If it is detected here, try to update the firmware. If it is not detected, try the method below.

### Bootloader Mode

Sometimes the firmware update may fail and the device may not be recognized by the computer. Starting the controller in 'Bootloader' mode forces to the controller to start in a simpler mode and in some cases allows the controller to be detected and the firmware to be written. To force a firmware update in Bootloader Mode :

1. Power off and disconnect your interface from all cables.
2. Use a crosshead screw driver to remove two screws on the bottom. One may be hidden under the circular label.
2. Remove the bottom case and carefully remove circuit board (PCB).
4. Open HardwareManager on your computer.
5. Look for the word 'BootLoader' on the PCB. You will see 2 rectangular solder pads (see 4, image below).

To trigger Bootloader mode

- a) use an electro-conductive object (e.g. flat head screw driver) to temporarily connect the two solder points.
  - b) At the same time, connect the USB cable to your computer.
6. Your device should appear in HardwareManager with the suffix `_BL`
  4. Update the firmware and restart the device in standard mode.

## The lights are not responding

- Check the DMX +, - and GND are connected correctly
- Check that the driver or lighting fixture is in DMX mode
- Be sure that the DMX address has been set correctly
- Check there are no more than 32 devices in the chain
- Check that the red DMX LED is flickering. There's one by each XLR
- Connect with the computer and open Hardware Manager (found in the software directory). Open the DMX Input/Output tab and move the faders. If your fixtures respond here, it is possibly a problem with the show file

## What do the LED's on the controller signify

- Red (1) : Flickering indicates DMX activity
- Yellow (2) : The device is receiving power
- Green (3) : USB activity

