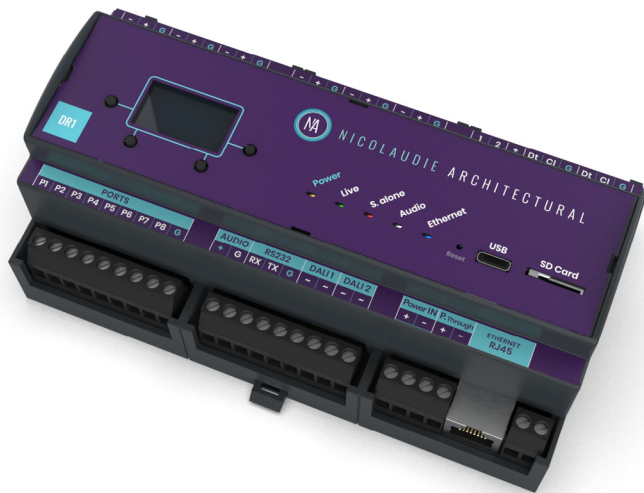# DINA-DR1

Easy Stand Alone USB & WiFi - DMX controller

Overview

The DINA-DR1 is a lighting controller for the most ambitious of projects, outputting 6 DMX universes (3072 channels) in 20 zones. Trigger lighting scenes using calendar triggers and conditional rules with our New Stand Alone engine, using contact ports, RS232 or over Ethernet. In 2021 new features will be unlocked such as direct support for LED Pixel tape, DALI and remote management.

The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using software from our website.

http://www.nicolaudie.com/dina.htm

Key Features

- DMX / eDMX / LED Pixel Stand Alone controller
- Up to 6 x DMX512 universes (3072 channels)
- RDM compatable
- USB & Ethernet connectivity for programming/control
- Stand Alone mode with 2000 scenes
- Play scenes in 20 areas / zones
- 16MB flash memory
- microSD slot
- 8 dry contact trigger ports
- Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps
- SUT Technology allows the device to be used with other Nicolaudie Group software via an online upgrade

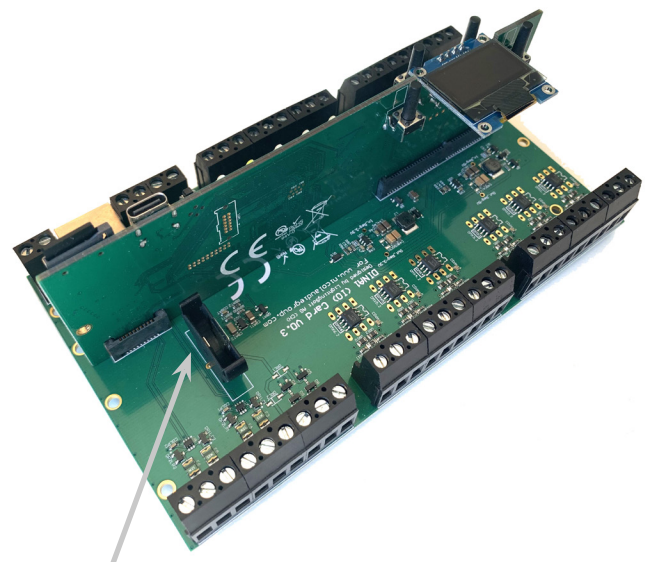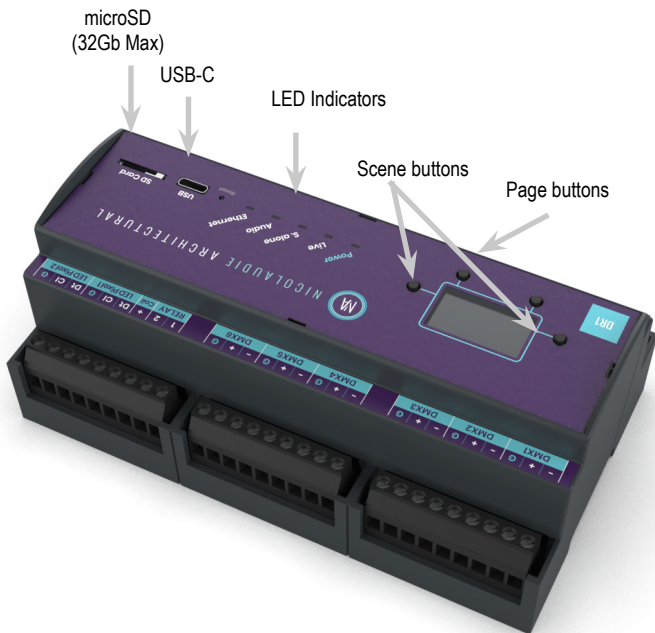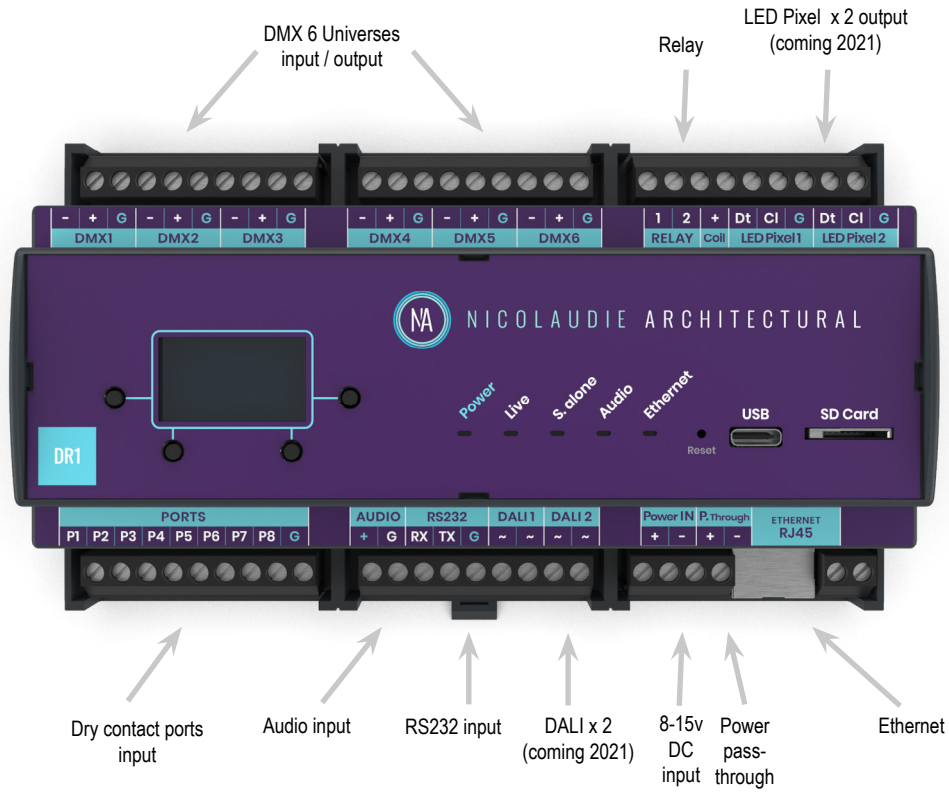**Note: feature compatibility depends on which application is being used with the controller**

Optional Accessories

POWER	12V AC/DC power supply

Technical Data

Input Power	12v DC (8-15V range)
Output Protocol	DMX512 (x6), eDMX, LED Pixel (SPIx2)
Programmability	PC, Mac, Android, iOS
Connections	USB-C Ethernet Scew terminals for - 6 DMX / RDM Universes - 2 DALI loops (2021) - LED Pixel (2021) - 8 Contact ports - Relay - 12v power-in & p.through - RS232 scene trigger - Audio in (sound to light) Battery holder (CR2032) microSD slot
Memory	16MB flash, SD Card
Environment	IP20
Buttons	2 scene, 2 page, 1 reset
Dim / Weight	160 x 91 x 62 mm 317g
OS Requirements	Mac OS X 10.8-10.14 Windows 7/8/10

Connections

DMX 6 Universes input / output

Relay

LED Pixel x 2 output (coming 2021)

Dry contact ports input

Audio input

RS232 input

DALI x 2 (coming 2021)

8-15v DC input

Power pass-through

Ethernet

microSD (32Gb Max)

USB-C

LED Indicators

Scene buttons

Page buttons

LIR2032 3.6v Battery Holder

EASY INSTALLATION

1. Mount a DIN Rail or DIN Rail Encloser against a wall

2. Connect the wires

POWER: Connect 12V DC ACDC supply. The DINA-DR1 can accept 8v-15v.
Be sure to not invert the + and the ground.

DMX: Connect the DMX cables from one of the 6 universes to the lighting receivers

3. Clip the DINA-DR1 onto the DIN RAIL

On the back of the interface housing is a channel designed to accept a
DIN Rail with a black plastic clip which secures the interface.

To mount: Slide the mounting teeth behind the top of the rail and then
rotate downwards to engage the clip.

To dismount: At the lower edge of the interface you will see a plastic
clip. Pull this down to release interface from the rail.