

DINA-DR2



DIN rail mounted DMX lighting controller



Overview

The DINA-DR2 is built on the latest generation of lighting controllers.

Designed for DIN rail mounting, the DINA-DR2 is the perfect solution for mid-range lighting installations. Delivered with 1024 DMX channels, the controller can be upgraded to 1536 by adding a 3rd DMX universe.

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

Key Features

- DMX Stand Alone controller
- Up to 3 x DMX512 universes (1536 channels)
- RDM compatible
- USB & Ethernet connectivity for programming/control
- Stand Alone mode with 99 scenes
- Play scenes in 5 areas / zones
- microSD slot
- 8+3 dry contact trigger ports
- Test scenes rotary switch
- 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 software via an online upgrade

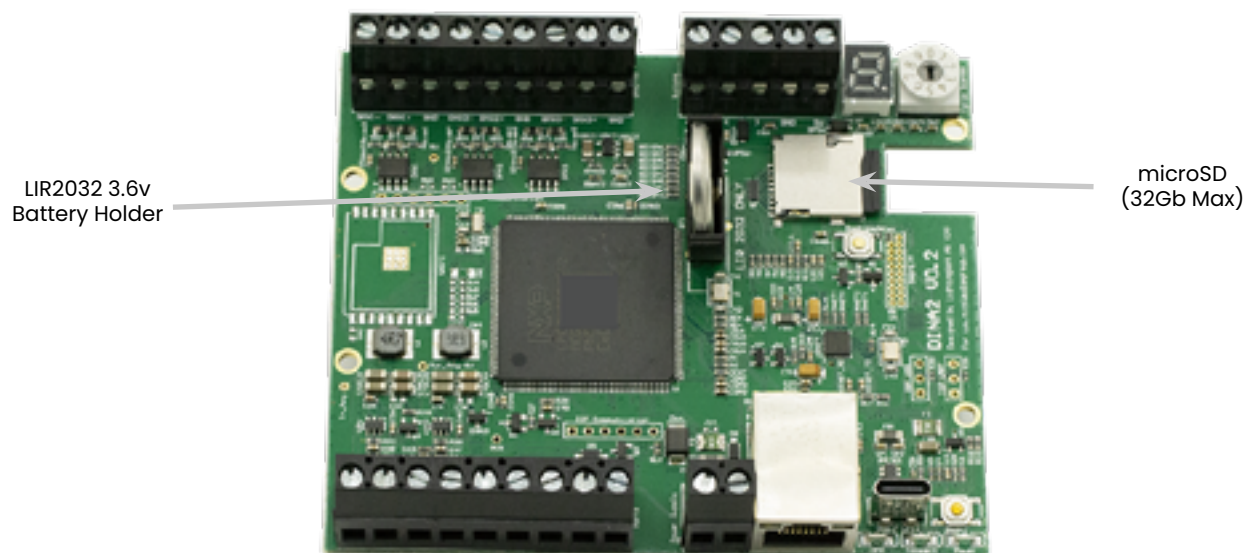
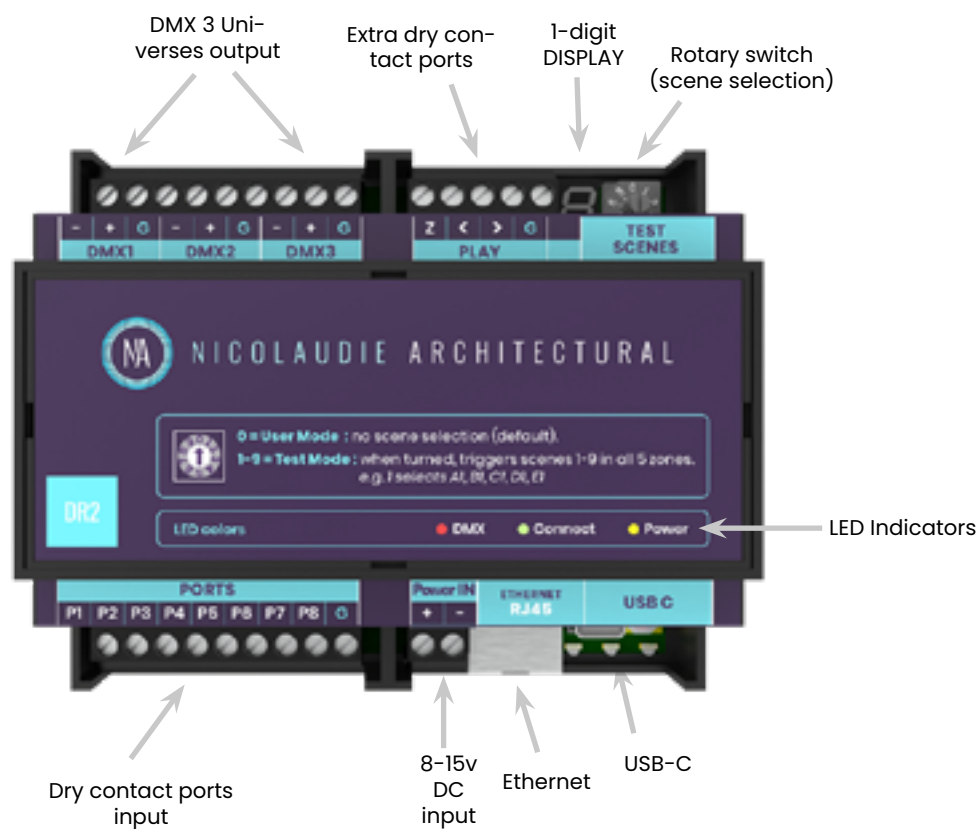
Optional Accessories

POWER 12V AC/DC power supply

Technical Data

Input Power	12v DC (8-15V range)
Output Protocol	DMX512 (x3)
Programmability	PC, Mac, Android, iOS
Connections	USB-C Ethernet Screw terminals for : - 3 DMX / RDM Universes - 8+3 Contact ports - 12v power-in Battery holder (CR2032) microSD slot
Memory	SD Card
Environment	IP20 / to 0 to +50°C
Buttons	Rotary switch
Dim / Weight	160 x 91 x 62 mm 317g
OS Requirements	Mac OS X 10.8-10.14 Windows 7/8/10
Standards	CE, ETL, Low voltage, EMC, and RoHS

Connections



Easy Stand Alone USB-DMX Interface		DINA-DR2	
Technical datasheet	Revision date 15 Jan 2021	www.vanpee.dk	V 0.1

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-DR2 can accept 8v-15v.
Be sure to not invert the + and the ground.

DMX: Connect the DMX cables from one of the 3 universes to the lighting receivers

3. Clip the DINA-DR2 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.

SETTING UP THE CONTROLLER

Programming the DINA-DR2

The controller can be programmed from a PC, Mac, iOS (Apple) or Android device using the software listed below. Refer to the corresponding software manual for more information. Firmware and settings can be updated using Hardware Manager (installed with PC/Mac programming software) or with Hardware Tools (Android / iOS, compatibility coming soon).

Windows / Mac Programming Software

ESA Pro 2 (Windows/Mac) - Multizone

ESA2 (Windows/Mac) - Single Zone

Hardware Manager (Windows/Mac)
For Firmware, time/date..

Apple iOS and Android Apps

Arcolis - Search for 'Arcolis' on the Google Play Store and iOS App Store

Hardware Tools (compatibility coming soon)
Search for 'Hardware Tools' on the iOS App Store. Android coming soon.