DINA-DR2

Vanpee

DIN rail mounted DMX lighting controller

Overview

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

Designed for DIN rail mouting, the DINA-DR2 is the perfect solution for mid-range lighting installations. Delivered with 1024 DMX channels, the controller can be ugraded 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
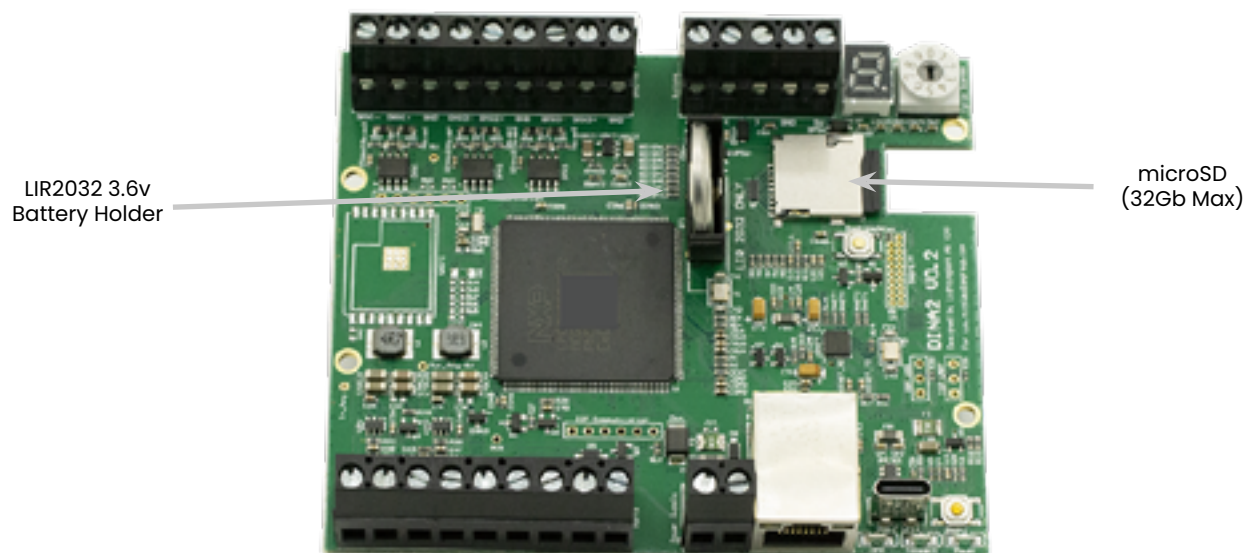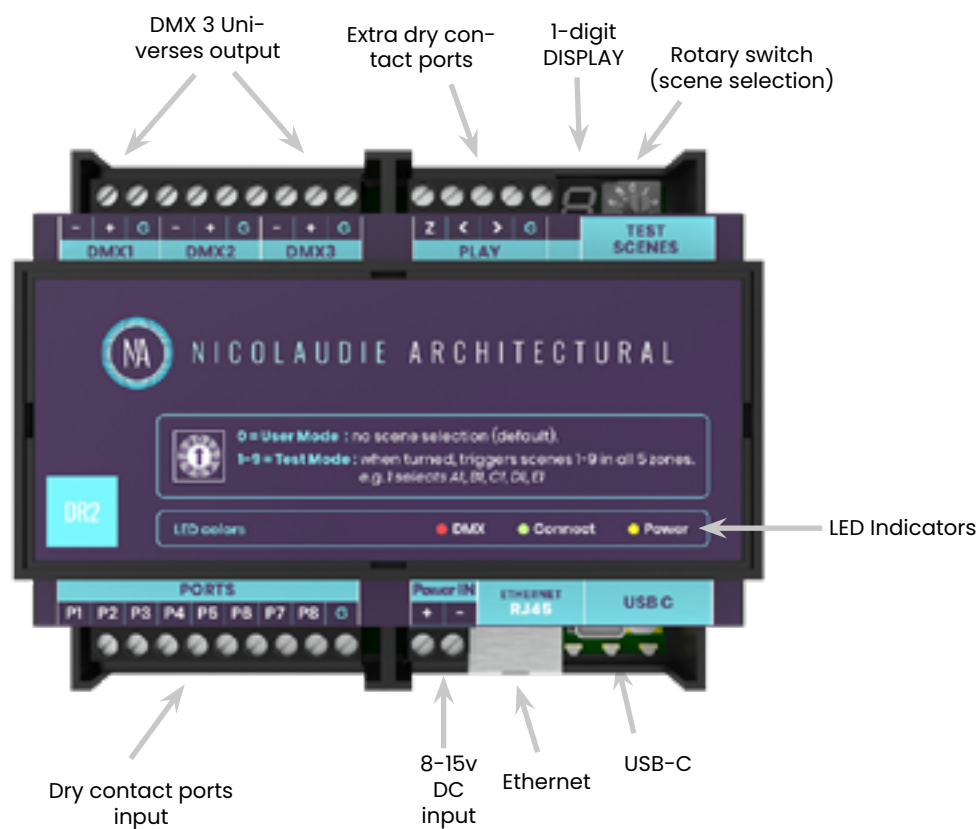- SUT Technology allows the device to be used with other software via an online upgrade

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 Scew 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 +50ºC
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

DMX 3 Uni-
verses output

Extra dry con-
tact ports

1-digit
DISPLAY

Rotary switch
(scene selection)

LED Indicators

Dry contact ports
input

8-15v
DC
input

Ethernet

USB-C

LIR2032 3.6v
Battery Holder

microSD
(32Gb Max)

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 pro-gramming 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.