

LEDrive 4 DR Constant Current DMX/RDM Current Feedback

Data Sheet



Product Overview

LEDrive 4 DR LED Driver is a DIN Rail stand alone or DMX, RGB controller for constant current led's. This unit is controlled via RDM which allows you to choose from a variety of pre-programmed lighting scenes and static lighting states, unit addressing for control from any DMX lighting desk.

RDM compliant device "ANSI/ESTA E1.20 Entertainment Technology - Remote Device Management over USITT DMX512"

RDM or Remote Device Management is a protocol enhancement to DMX512 that allows Bi-directional communications between light fixtures and lighting consoles or RDM specific software over a standard DMX line.

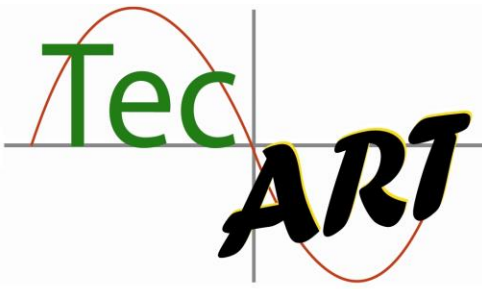
LEDrive 4 DR LED Driver can be supplied with an external 10 - 48VDC power supply.

Custom LED Solutions

Lighting Control Systems

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Features

- DMX-512 Input And Output
- External Power Supply 12 - 48 VDC
- Terminal Strip Output and Input Connector
- 2 Main indication LEDs
- Operating modes:
 - 1 Pre-programmed lighting scenes
Choose from a number of pre-programmed scenes via RDM
 - 2 Control of the 4 channels via DMX

Technical Data

Input voltage	12 - 48VDC
Power supply	External
Total driver power	Up to 216W
Dimension	105mm (L) 85mm (W) 60mm (H)
Mounting method	Desktop
DMX working mode	4-channels
Control input	Terminal block
Output channels	4 ch
Color grades	256 level (each color) total 16,770,000 colors
Driving capacity	350mA/700mA per channel
Temperature	0 – 40 degree Celsius

RDM Features

LEDdrive 4 DR is RDM compliant with the following functions:

- **Discovery** : Locates all RDM compliant devices on the DMX line.
- **Identifier** : Fixtures connected to driver will flash to show location.
- **Remote Addressing** : Allows you to set the DMX address remotely without the need to set dip switches.
- **Auto Mode** : Control 4DR POWER also has 2 inbuilt programs which are selectable via RDM with adjustable speed and fade times.
- **Current Feedback** : Allows user to monitor the current of each output for diagnostic purposes.