

Data Sheet

LEDrive 4X High Current Constant Voltage Flicker Free (56 KHz) DMX/RDM



Product Overview

LEDrive 4X LED Driver is a High Current Flicker Free (56 KHz) Desk Top stand alone or DMX, RGBW controller for constant voltage led's. This unit can be addressed via RDM or an address switch, which also allows you to choose from a variety of pre-programmed lighting sequences.

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

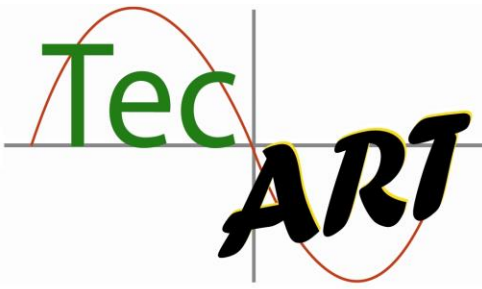
RDM or Remote Device Management is a protocol enhancement to DMX512 that allows Bi-directional communications between light fixtures and lighting consoles or RDM specific software over a standard DMX line.

LEDrive 4X LED Driver can be supplied with an external 10 - 36VDC power supply.

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Features

- DMX-512 Input and Output
- Flicker free (56 KHz)
- External Power Supply 10 - 36 VDC
- Terminal Strip Output and Input Connector
- Main indication LED
- Operating modes:
 - 1 Pre-programmed lighting sequences
Choose from a number of pre-programmed sequences via RDM or address switch
 - 2 Control of the 4 channels via DMX (1 RGBW Output)

Technical Data

Input voltage	10 - 36VDC
Power supply	External
Dimension	130mm (L) 100mm (W) 45mm (H)
Mounting method	Desktop
DMX working mode	R/G/B/W 4-channels
DMX signal input	RJ45
DMX signal output	RJ45
Output channels	4ch
Color grades	256 level (each color) total 16,770,000 colours
Addressing	Dip switches and RDM
Driving capacity	5 amps per channel
Temperature	0 – 40 degree Celsius

RDM Features

LEDdrive 4X 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** : LEDdrive 4X also has 2 inbuilt programs which are selectable via RDM with adjustable speed and fade times.