

### SPECIFICATION SHEET

JOB NAME:

LOCATION:

QUOTE/REF#:



### SPECIFICATIONS

- Input Voltage:** 12V-24V DC
- Total Output of Current:** Max 4 x 4A (per channel)
- Output power:** max 192W(12V), max 288W(24V)
- Output Channel:** 4
- Working Temp.:** -20-60 °C
- Required:** 12V DC or 24V DC LED Power Supply
- Dimensions:** 6.49 in. L x 2.95 in. W x 1.57 in. H  
164.8 mm L x 74.93 mm W x 39.9 mm H
- Warranty:** 2 Year Limited
- Installation Note:** Connect signal wire first, then load wire and last connect the power wire. Please make sure that a short circuit cannot occur between the wires before turning on the power. In the absence of receiving DMX signal, our DMX02 decoder will act as a Color controller as described previously with 9 different modes. To switch from and to DMX mode just use switch number 10 (OFF = DMX, ON = Color Controller). To set the address code of the module to follow instructions in the instruction sheet.

### DESCRIPTION

The DMX decoder with XLR provides a necessary interface between our LED DMX Controller, or lighting control software, and color-changing LED lighting, allowing for full control of color and other variables in your LED light. This tool translates digital DMX signals from an LED color controller of DMX software into an analog signal that commands LED fixtures.

### KEY FEATURES

- Advanced Micro Control
- Energy Efficient
- Easy Installation
- Rugged Metal Housing

### APPLICATIONS

- Trade Show & Exhibit Lighting
- Retail Display Lighting
- Architectural Lighting
- Hotels, Casinos, and Clubs
- Custom Lighting Shows
- Stage Lighting

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#### INSTRUCTIONS

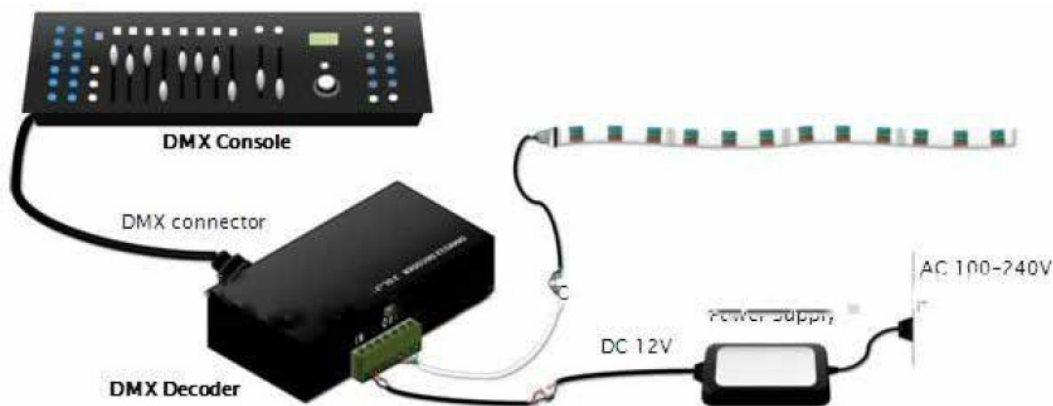
This DMX decoder features one output each for the Red, Green, Blue, and common positive channels of an RGB LED strip light or light bar; positive and negative inputs for a 5V-24V DC power supply; one input and one output data port each of the RJ45 DMX-512 type, and XLR type input/output ports, all for connection to lighting control software or to one of our DMX Controllers. This XLR DMX Decoder also includes a DIP switch for assigning the binary value of the DMX-512 signal for receiving data and for choosing from 256 levels of brightness.

#### SIMPLE INSTALLATION:

The LED DMX Decoder DMX02 offers 2 8-pin RJ45 DMX-512 data ports and 2 XLR type input/output ports for easy connection of the decoder with the DMX console of your system. Moreover, it includes a DIP switch for assigning the binary value of the DMX-512 signal for receiving data. The connection to our Lightshop RGB strips and the Power Supply is easily done through terminal blocks.

#### CONTROLLER AND DMX DECODER (2 IN 1):

With this fantastic accessory you will be able to fully control our strips from your centralized DMX console (the decoder converts DMX-512 control signals to PWM controller signals for driving our Core Strips). But in absence of DMX signal you can use DMX02 as a complete RGB controller, with built-in testing and standalone features.



#### DMX ADDRESS CODE SETTINGS:

In order to set the DMX address code if the Decoder the product has a switch panel, which uses Binary numerical code switches to set the DMX address.

