Installation Guide
EXJ–Box DMX

For Models:

EZJ–S–N–96–24DC–DMX

Quick Specs	
Input Voltage Range	120 to 277VAC ± 10%
Input Frequency	50 / 60Hz
Output Voltage	24VDC
Dimming Method(s)	DMX512
Operating Temperature	–25ºC to 50ºC (–4ºF to 185ºF)
Enclosure	Indoor, Dry Locations
Certifications	Class 2, UL Listed & Recognized Components

⚠ BEFORE YOU BEGIN:

This driver is to be installed in accordance with Article 450 of the National Electric Code (NEC). The driver must be installed in a well–ventilated area, free from explosive gases and vapors. Proper operation requires for free flow of air. Since this driver is hardwired, it should only be installed by a qualified electrician.

Precautions Before Installation

• Check the label and ensure the driver has proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagrams below.
• If the product has any visible damage, do not install it.

Mounting

Select a suitable location capable of supporting the weight of the EZJ–Box. Mount the unit using the four (4) keyholes inside the enclosure.

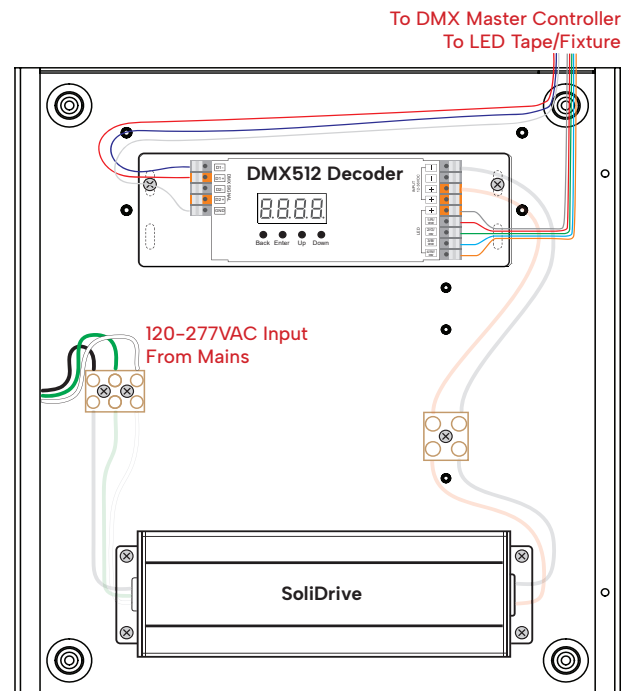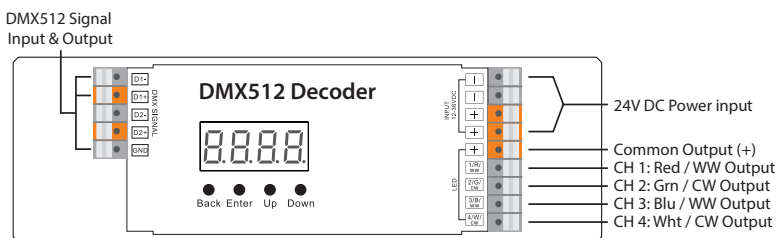### Input Connections/Grounding

With power turned off, route the input wires through the opening of a removed knockout on the enclosure using a wire strain relief. Make connections according to the following wiring diagrams. For all wire connections, use the supplied Wago wire connectors. The driver MUST be grounded in accordance with the NEC. Driver input wires colors are Line (black), Neutral (white) and Ground (green).

Output Connections

Bring the wires of each fixture through the opening of a removed knockout on the enclosure using a wire strain relief. Connect the DMX512 Master and The LED Tape/Fixture to the DMX Decoder according to the following wiring diagrams.
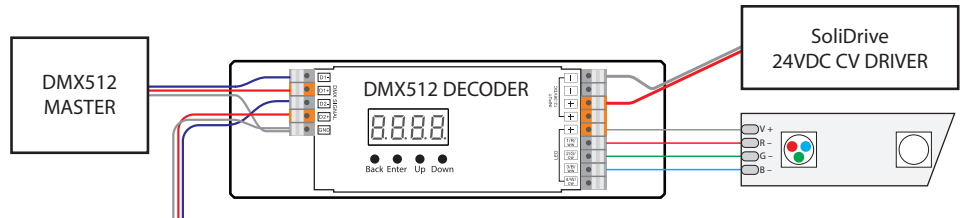
DMX Decoder

For detailed information on programming DMX decoder visit magnitudeinc.com

DMX512 Signal Input & Output

DMX512 Decoder
Back Enter Up Down

24V DC Power input
Common Output (+)
CH 1: Red / WW Output
CH 2: Grn / CW Output
CH 3: Blu / WW Output
CH 4: Wht / CW Output

To DMX Master Controller
To LED Tape/Fixture

DMX512 Decoder
Back Enter Up Down

120-277VAC Input From Mains
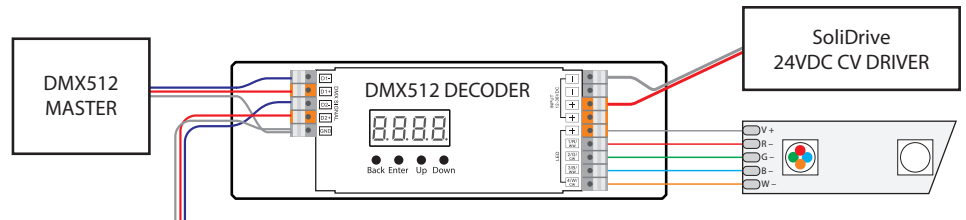
SoliDrive

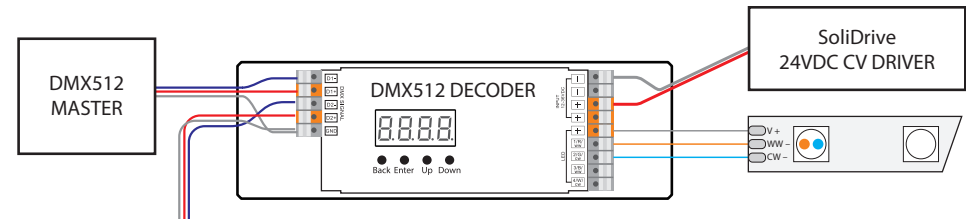**MAGNITUDE LIGHTING**

WIRING DIAGRAMS

RGB Wiring

RGB–W Wiring

3–Wire Tunable White Wiring

Static Color Wiring