

120V DC DMX DECODER

4 CHANNEL IP67 WITH JUNCTION BOX

120V DC output DMX 512 controller with out door rating housing and wiring junction box included.

- RDM enabled DMX controller
- Output for high voltage DC100~240V DC LED
- Standard DMX512 compliant control interface
- With digital display
- Total 4 channels LED output, common anode
- DMX address manually settable
- DMX channel quantity from 1CH~4CH settable
- Output PWM frequency from 500HZ ~ 35K HZ settable, but do not set it higher than 3KHz.
- Output dimming curve gamma value from 0.1 ~ 9.9 settable
- Waterproof grade: IP67
- Includes watertight junction box for cable connections



120-CTRL-4CH QUICK SPECS

INPUT VOLTAGE	100-240V AC
INPUT CURRENT	20.5A
OUTPUT VOLTAGE	100-240V DC
OUTPUT CURRENT	4x1.5A
MAX LOAD	660W@110V / 1320W@220V
INPUT WIRE	5" 18AWG
OUTPUT WIRE	5" 20AWG
DIMENSIONS	7-1/8"L x 2-7/8"W x 1-1/2"H
RATING	IP67 (Wet Location), RoHS Compliant
OPERATING TEMP	-4°F to 122°F (-20°C - +50°C)

120-CTRL-4CH ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION
120-CTRL-4CH	120V AC/DC 4 Channel Controller w/Junction Box

120-CTRL-4CH ACCESSORIES

ITEM NUMBER	DESCRIPTION
DEC-DMX-IP67-JUMP10	10 meter male/female IP67 signal jumper cable
REC-DMX-RF	Radio Frequency Receiver (Use w/120-CTRL-4CH + RF Control)
DEC-DMX-JUMP15FT	15' Signal Linking Cable (Use w/120-CTRL-4CH)
RF-RGBW-3AAA	RGBW Handheld 3AAA Remote Control (Use with REC-DMX-RF)

PROJECT:

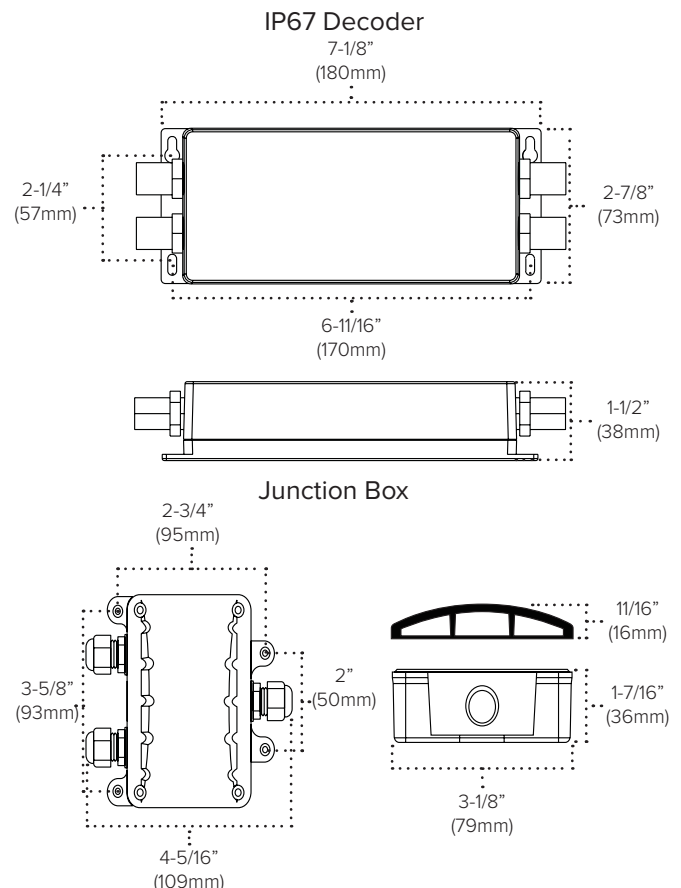
TYPE:

LOCATION:

CATALOG NUMBER:



120-CTRL-4CH QUICK DIMENSIONS



The diagram shows the wiring connections for the LED strip light. On the left, the DMX512 signal input is connected to D+ (blue), D- (red), and GND (black). On the right, the DMX512 signal output is connected to D+ (blue), D- (red), and GND (black). The power input is connected to AC100-240V. The power output is connected to Common Anode Output (+) and CH 1: R/WW output (-) (blue), CH 2: G/CW output (-) (red), CH 3: B/WW output (-) (green), and CH 4: W/CW output (-) (yellow).



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 2 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary. LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.