NATECH LEDTHINKX©
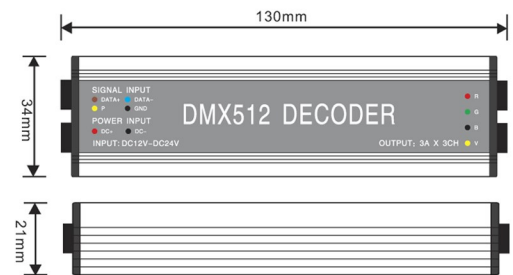
NTDMX512WP-3C-12-24

Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

The waterproof decoder is designed with advanced microchip Technology to convert the universal standard DMX512/1900 Signal. Constant voltage PWM allows users to choose 1-3 Output channel, 256 levels of brigtness.

1. Input standard DMX512 protocol (DMX address set at factory)

2. Input voltage DC12-24V

3. 3 output channels, 256 scale PWM

4. Autorun mode when no DMX signal input

5. Max output 4A each channel

6. Power loss memory function.

Dimension

	NTDMX512WP-3C-12-24
Input voltage	**DC12V ~ 24VDC**
Max load current	**4A/CH x 3**
Output	**144W/288W (12V/24V)**
Output Scale level	**256 levels**
Input signal	**DMX512/1990**
DMX512 connector	**Waterproof x LR-3R**
Dimension	**L125xW52xH40mm**

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Safety warning

Please don't install this controller in lightening, intense magnetic and high-voltage fields.
1. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection
2. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
3. Check if the voltage and power adapter suit the controller
(please select DC12-24V power supply with constant voltage)
4. Don't connect cables with power on; make sure a correct connection and no short circuit checked with instrument before power on.
5. Please don't open controller cover and operate if problems occur.
The manual is only suitable for this model; any update is subject to change without prior notice.

Installation and usage

Picture of the terminals

Input port (DMX signal)
3 wires

(12-24VDC power input port)
2 wires

Output port (R, G, B, anode)
4 wires

Label for the decoder

SIGNAL INPUT
DATA+   DATA-
P   GND
POWER INPUT
DC+   DC-
INPUT: DC12V-DC24V

DMX512 DECODER

R
G
B
V

OUTPUT:4A X 3CH

P is for address writing (need to use with encoder or factory preset)