EuControls
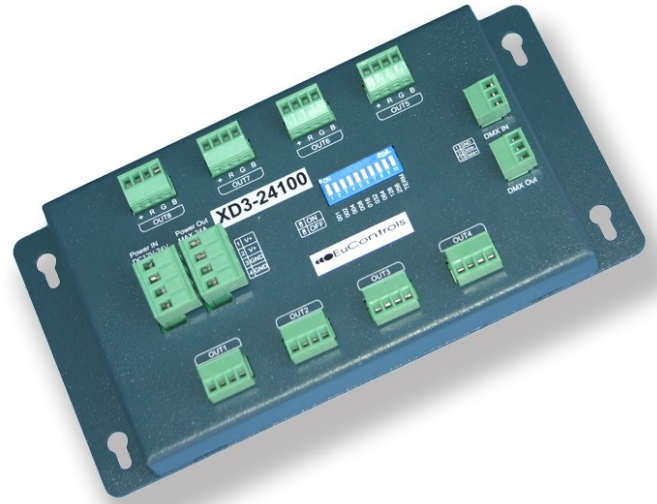## COLORS AND LIGHTS UNDER YOUR CONTROL

XD3-24100
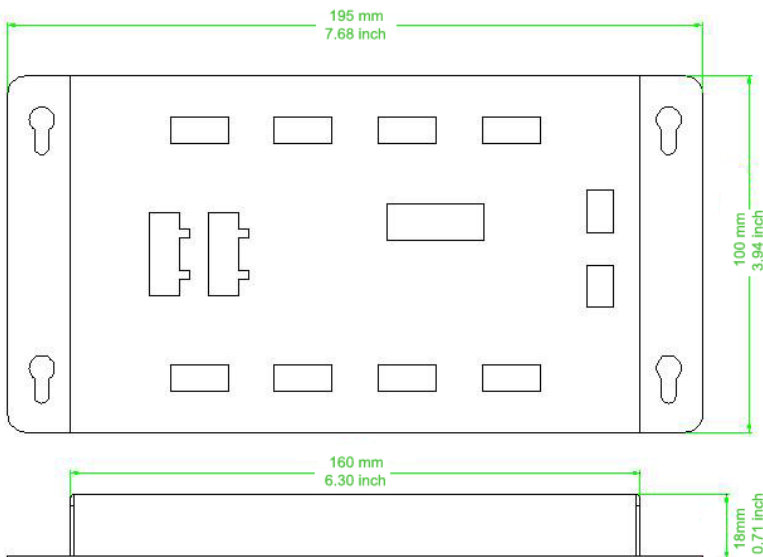### DMX Decoder/Driver

Product Features

- 24-channel output, 1A MAX each channel.
- 256 grey level changes and full-color control.
- Meets DMX512(1990) International Standard.
- Set DMX address with DIP Switches.
- Noise-proof performance.

Product Specifications

- Channels — 24
- Control Signal — DMX-512/1990 digital signal
- Input Voltage Range (Vin) — 0 to Vin, 1A Max/Channel
- Output Signal — 12 to 24VDC
- Power Consumption w/o Load — < 1W
- Output Power (Pout) — 12V: < 288W; 24V: < 576W
- Operating Temperature — 0-70℃
- Product Dimensions — (L)195 x (W)100 x (H)18 (mm); (L)7.68 x (W)3.94 x (H)0.71 (inch)
- Net Weight — 460grams

Dimensions
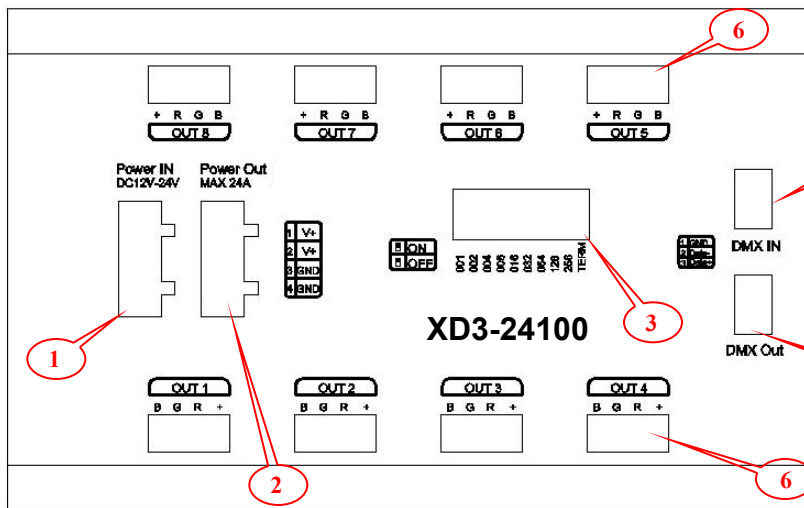

195 mm
7.68 inch

100 mm
3.94 inch

160 mm
6.30 inch

18mm
0.71 inch

Specifications subject to change without notice

XD3-24100
DMX Decoder/Driver

Port Diagram

XD3-24100

① Input power port.

② Output power port.

③ DMX Address setting switch port.

④ DMX signal input port.

⑤ DMX signal output port.

⑥ OUT 1 to OUT 8: Eight driver output port support 24 channels RGB output.

- **Driver Output Ports (4-Channel)**: Common anode driver with eight V+ ports and 24-channel RGB output can be connected to various RGB modules or single-color modules; Automatically adjusts output current to module load requirements.

Notes:

- 4-Pin Common anode full-color modules are connected between the output "V+" terminal and corresponding RGB terminals on the decoder's output ports.
- Single-color modules are connected Anodes to output "V+" terminal. Then according to the module color, connect the Cathode "-" wire to the corresponding RGB terminal on the decoder's output ports. If several different Single-color modules are to be connected to the same decoder, then all their Anode "+" wires must be connected to the "V+" terminal of the decoder's output port.

Specifications subject to change without notice
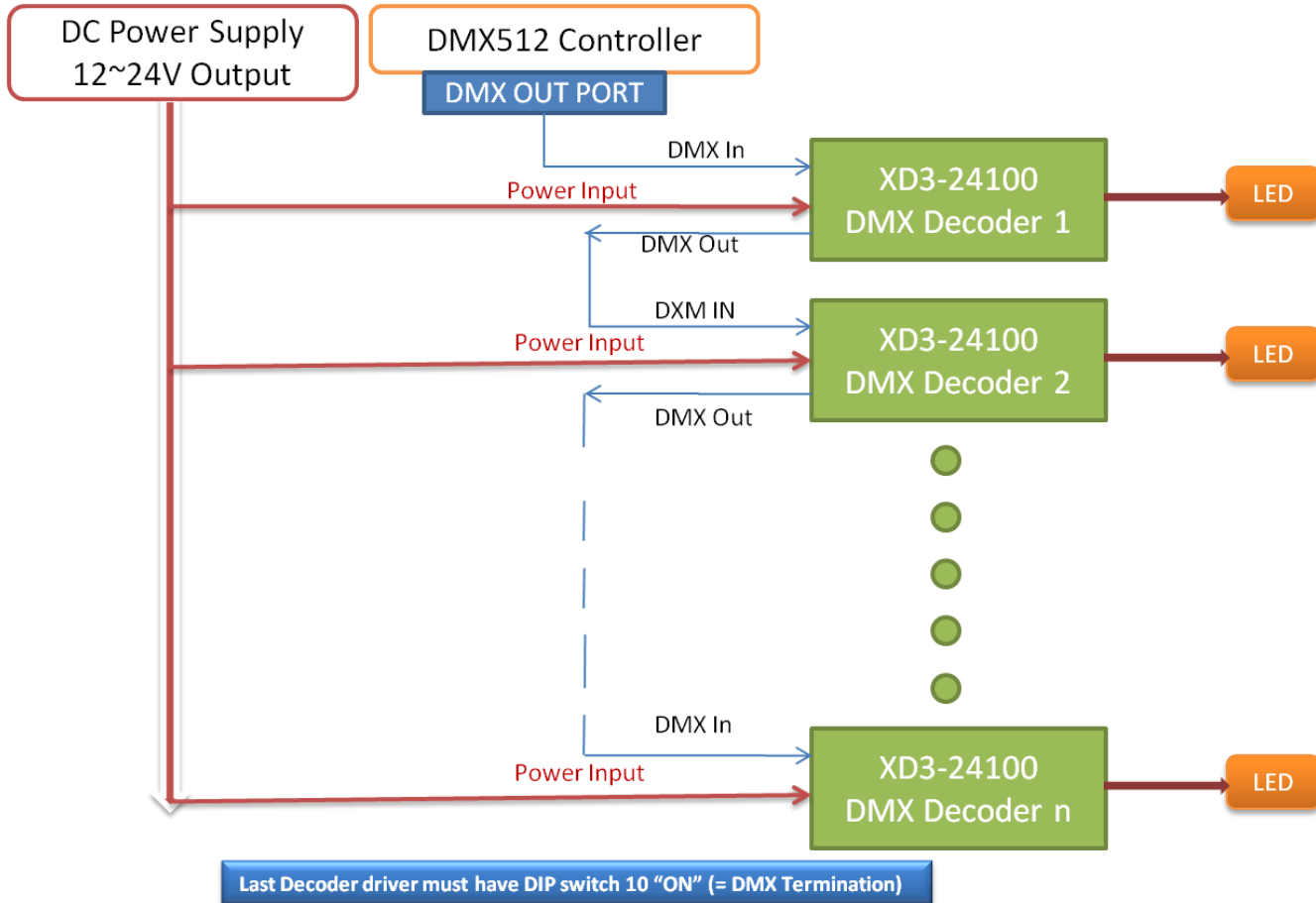
EuControls
COLORS AND LIGHTS UNDER YOUR CONTROL

XD3-24100
DMX Decoder/Driver

Usage

XD3-24100 Decoding driver is controlled by a DMX-512 digital signal.
Its DMX input connector is connected to a DMX-512 bus.

Connection Example:

Notes:
1. n is the maximum number of available addresses per output.
2. All above parameters are dependent on controller used.

Connection of DMX-512 Signal:
- The DMX signal has "+" and "-" signals. Please maintain polarity when making the connections. Correct connection of the "+" wire, "-" wire and "ground" wire from a DMX512 controller to the corresponding input ports of XD3-24100 is critical for proper operation.

Specifications subject to change without notice