6 Channel DMX Dimmer

Model No.: AJ6

Pushrod dimming/LED display/6 channel

FC C CE RoHS emc LVD

Features

● Six pushrod DMX Dimmer with one 3 digital LED display, output 6 channel DMX 8bit data.

● Send international standard DMX512/1990 signal to DMX512 decoders or LED lamps with DMX decode chip.

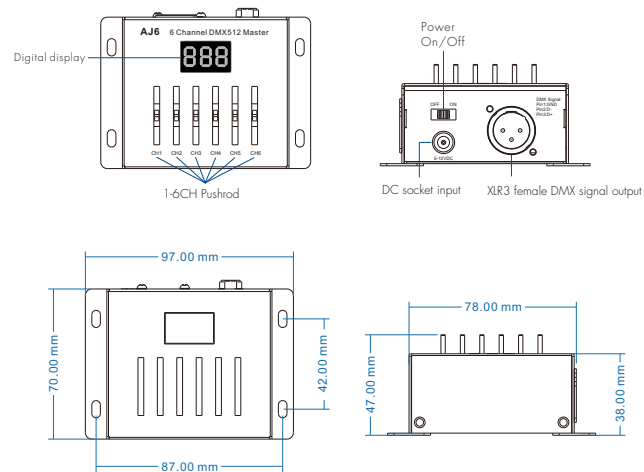● Powered by DC5-12V adapter or 3 pcs AAA battery.

Technical Parameters

Input and Output

Input and Output	
Input voltage	5-12VDC or 3 x AAA
Work current	< 10mA
Output signal	DMX512
Channel num	6

Environment

Environment	
Operation temperature	Ta:-30℃ ~ +55℃
Case temperature (Max.)	Tc:+65℃
IP rating	IP20

Safety and EMC

Safety and EMC	
EMC standard (EMC)	EN55032:2015, EN61000-3-2:2014, EN61000-3-2:2013, EN55024 :2010/A1:2015
Safety standard(LVD)	EN 61347-1:2015 EN 61347-2-11:2015
Certification	CE,EMC,LVD

Warranty and Protection

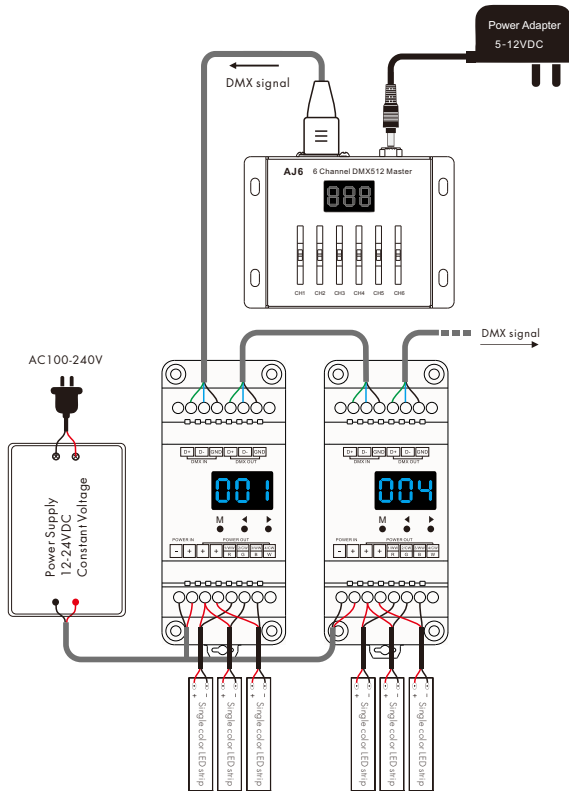| Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

Mechanical Structures and Installations

Digital display

Power On/Off

1-6CH Pushrod

DC socket input

XLR3 female DMX signal output

97.00 mm

70.00 mm

42.00 mm

87.00 mm

78.00 mm

47.00 mm

38.00 mm

Battery Installation

4.5VDC (AAAx3) Battery
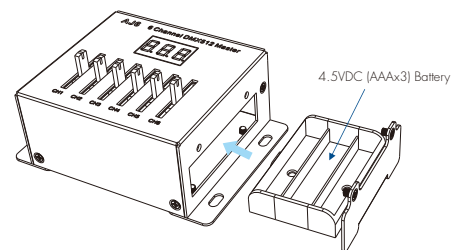
Wiring Diagram

Note:

1. The two DMX decoder first address need be set as 1 and 4, each decode 3 channel DMX data.
2. The inner PCB have 2bit DIP switch to set 0-255 or 0-100 display, 6 channel or 5+1 channel output. The factory setting is 0-255 display and 6 channel output.
3. DIP switch setting:

ON	ON	ON	ON
1 2	1 2	1 2	1 2
0-255 display 6 channel output	0-255 display 5+1 channel output	0-100 display 6 channel output	0-100 display 5+1 channel output

For 5+1 channel output, the DMX dimmer only output 5 channel DMX data, the sixth pushrod is used to adjust the overall brightness of 1-5 channel.