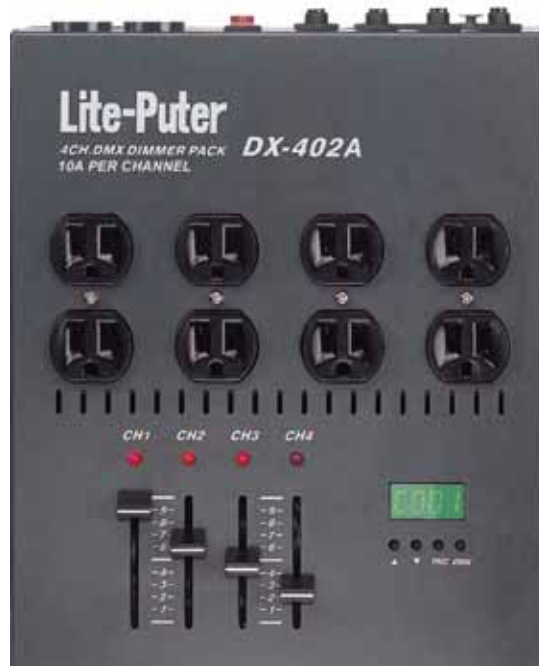


''''''''''DX-401A

4 Channel DMX Dimmer Pack

【USER MANUAL】



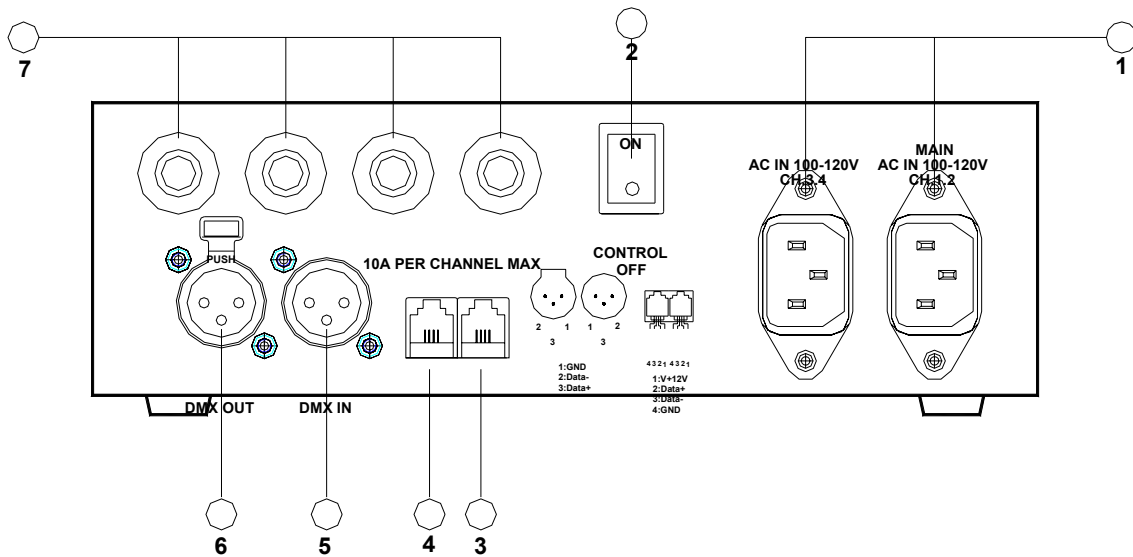
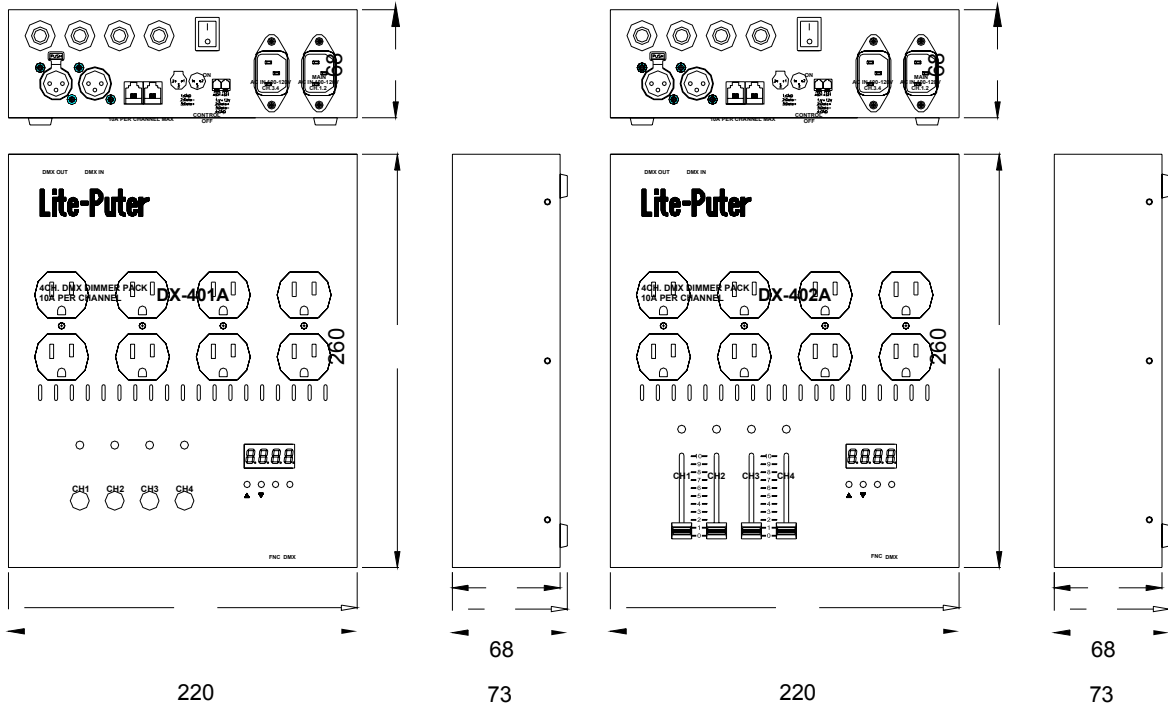
Chapter 1. DX-401A Instruction

1-1 Feature

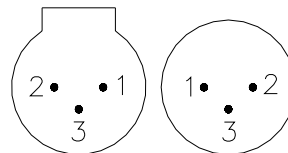
- Maximum 10A per channel, total 30A!
- DMX 512 signal.
- 2 sets of signal input/output, either 3 pin XLR connector or RJ11 telephone jack.
- LED display.
- Automatic warm up function, protects loads and extend the life of bulbs.
- Auto frequency tracking.
- Most advanced 'C3' dimming curve.
- DMX start address setting.
- Channel dimming test.
- 256 steps resolution.
- Faders for Manual operation. (DX-402A)
- Equipped with clamp for truss hanging or desktop operation.

1-2 Specification

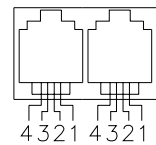
- | | |
|------------------------|--|
| ■ Power | AC 100-120V, AC 200-240V, 45-63Hz, 2 input |
| ■ Output | Maximum 10A per channel, total 30A. |
| ■ Signal input/ output | DMX512/ 1990 |
| ■ Signal connector | XLR 3Pin, 6P4C, RJ11telephone jack |
| ■ Dimension | 220(W) x 260(H) x 70(D) mm |
| ■ Location | TRUSS hanging or desktop operation. |
| ■ Weight 3 | Kg |



1. Dual AC power input 15A Per Socket
2. Control AC switch
3. DMX signal input (6P4C Phone jack)
4. DMX signal output (6P4C Phone jack)
5. DMX signal input (3 PIN cannon plug)
6. DMX signal output (3 PIN cannon plug)
7. Trip type circuit breaker, 10A MAX



1:GND
2:Data-
3:Data+



1:V+12V
2:Data+
3:Data-
4:GND

1-4 Wiring

CAUTION:

The wire & connectors used must follow the local government and other applicable rules and electrical regulations!

12 AWG : 20A

14 AWG : 15A

16 AWG : 13A

18 AWG : 10A

Chapter 1. DX-401A / DX-402A Instruction

2-1 Standard DMX512 Signal



This point flashing when receiving DMX

2-2 DMX start address setting

STEP-1 holding **DMX** , press **▲** or **▼** to find the start address.



▲ : move 1 number forward : up to **Channel 512**



▼ : move 1 number backward :down to **Channel 1**

DX-401A /DX-402A is a 4 channel dimmer pack so when setting this unit:

- as d. 0 0 1, the output is from Channel 1→ Channel 4.
- as d. 0 0 5, the output is from Channel 5→ Channel 8.
- It is allowed for setting more than 1 piece of DX-401A/DX-402A at the same start address.

2-3 Dimming/Switching setting

STEP-1 press **DMX** key into DMX status

STEP-2 press and hold the **FNC** key for 3 sec.



Default setting : all channel
are dimming mode

Lite-Puter

STEP-3 press **【FNC】** key to select channel

STEP-4 press **【** **】** or **【** **】** to select dimming mode or switching mode



(dimming)



(Switching)

2-4 warm up setting (0...6%)

STEP-1 press **【FNC】** key



STEP-2 press **【FNC】** key to select the setting channel, EX :select channel 1

STEP-3 press **【** **】** , **【** **】** key to adjust



Channel 1 set on 6% for warm up

2-5 By pass Full On

STEP-1 **Selecting the channel for instant play**

ex : Select Channel 1.

Hold the **【CH-1】** key for full on & it will come back to original dimming level when your finger off the key.



2-6 Monitoring the dimming level of every channel

STEP-1 **Enter DMX status, Hold 【DMX】**

STEP-2 **Selecting the monitoring channel**

ex. : (**▲**) → Channel increasing **▼**) → Channel decreasing)
showing the brightness of the selected channel

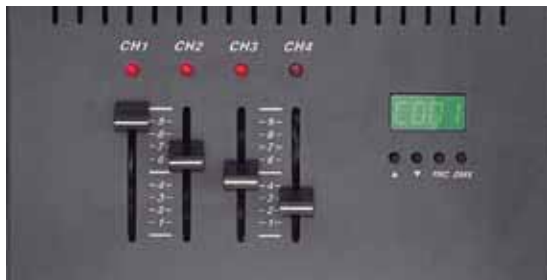


Showing channel 1, 68%.

- Press **DMX** key to cancel the setting.
- **DMX ADDRESS** will be displayed automatically after 10 minutes.

2-7 Dimming manually by fader (DX-402A)

ex.: Adjust the **VR-1 ~VR-4** , you can dim the Channel 1~ Channel 4 directly.



P.S. The high dimming value output when 2 signals (console V.S. manual fader) has been received.

2-8 Back to DMX ADDRESS display

Press **DMX** key in any conditions or automatically back to show DMX address when none key has been touched within 10 minutes.