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SAFETY INTRODUCTIONS

■ Please note the load power :

Please refer to the data we suggest to ensure the normal total working hours of DX-626.

- 1. If DX-626 is installed in a rack, please make sure the rack is airy. Otherwise the machine will become over-heat and result in the miss-function.**
- 2. The max. output of each channel if 20A : For testing (DO Not over 30 minutes)**
- 3. The output of each channel is $\leq 16A$: For several hours use (Theaters, Stages)**
- 4. The output of each channel is $\leq 12A$: Can work for the whole year without switching off (Hotels, Restaurants, Buildings)**

■ Working Environment

- 1. Temperature : Under 35°C**
- 2. If the machine is installed in a rack, then the temperature inside the rack must be under 45°C**
- 3. Humidity : 40% --- 80%**

■ Suggested Dimming Lights

Incandescent lamps, halogen lamps, low volt halogen lamps with ballast.

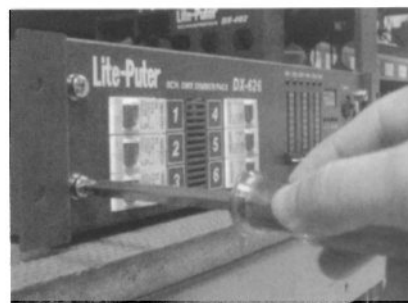
Chapter 1. Introductions of DX-626

1-1 Feature

- 6 dimming channels.
- Auto tracking of frequency and phase.
- Temperature control device: When the temperature is over 35°C , the fan will start automatically.
- Auto tracking of frequency: Enables stable dimming output in different frequencies.
- Testing function: Can do test without connecting a console.
- Warm-up function to protect the loads. (Warm-up setting 0---6.0%)

1-2 Brief device introductions

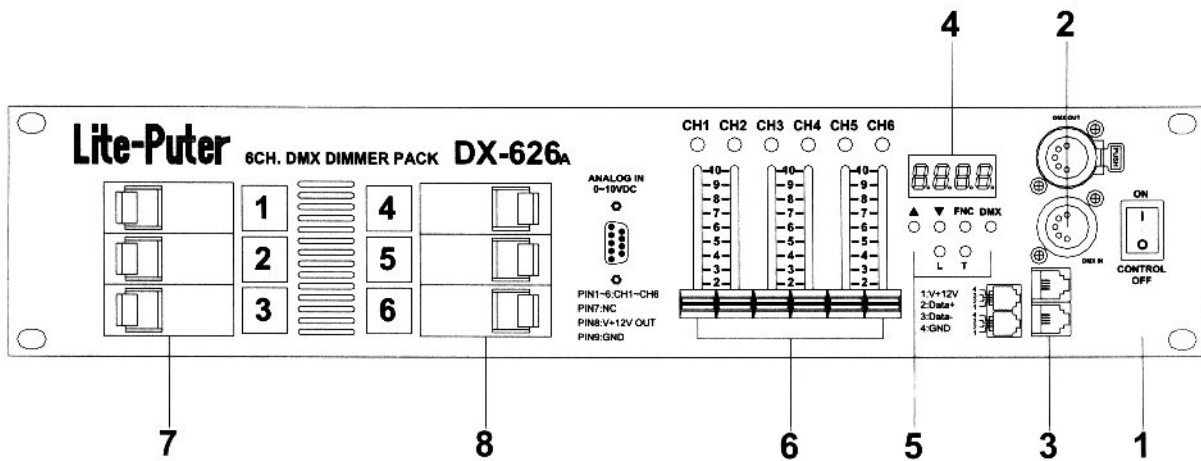
- 25A no fuse breaker.
- Fan for temperature controlling to sink heat and clean the dust inside. (37CFM X 1)
- The front panel can be dismantled easily for quick repair.



1-3 Specification

- | | |
|-----------------------------|--------------------------------------------------------------------------------|
| ■ Power | AC100-240V, 45-63Hz, 3Ø4W, 1Ø2W |
| ■ Output | Maximal output is 20A each channel
(Please refer to the user manual) |
| ■ DMX signal output/ input | DMX512/ 1990 |
| ■ DMX signal connector | XLR 5Pin, RJ11-6p4c phone jack |
| ■ Analog signal power input | DC 0-10V |
| ■ Analog input channel | 9 channels
PIN 1~6→ CH1~6, PIN 7→NC,
PIN 8→V+12V OUT,PIN 9→GND |
| ■ Analog signal connector | D-Type Plug 9Pin(F) |
| ■ Dimension | 482(W) x 88(H) x 300(D)mm |
| ■ Location | 19" 2U standard rack |
| ■ Weight | 8Kg |

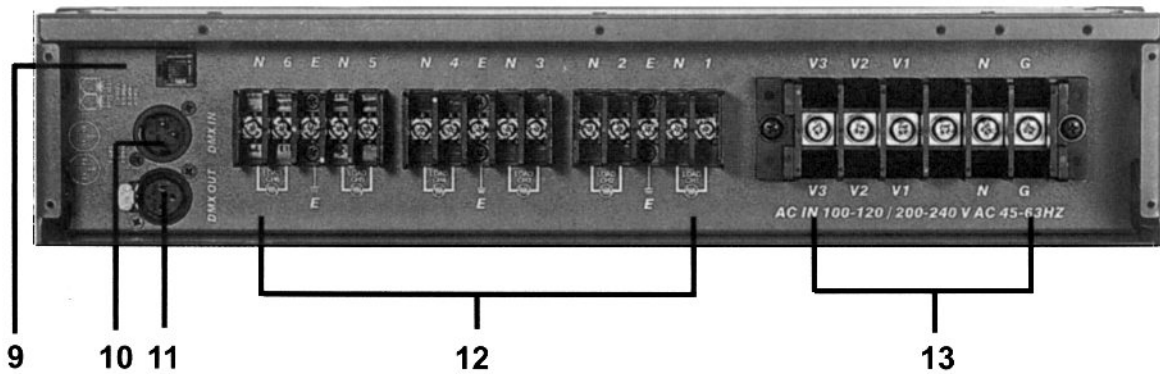
1-4 Front panel



(1) Power on/ off switch	(5) Function Key
(2) DMX OUT/ IN (5 pin)	(6) Dimming VR of Channel 1- 6
(3) DMX IN (RJ11, phone jack)	(7) No fuse breaker (Channel 1-3)
(4) LED display/ function keys	(8) No fuse breaker (Channel 4-6)

1-5 Output terminal board / Sockets panel

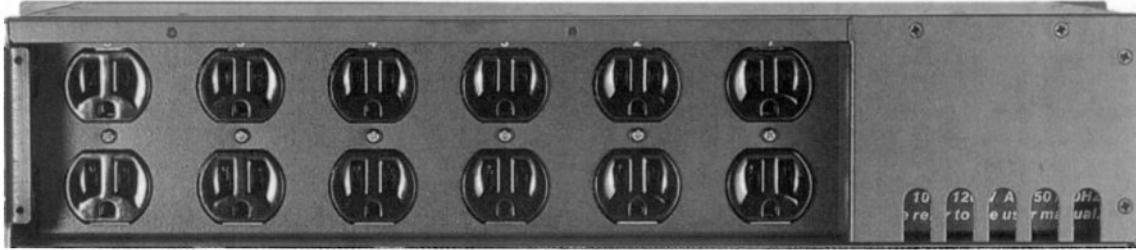
TERMINAL TYPE



(9) DMX connector (RJ11, phone jack)	(12) Power input terminal board. (20A Single phase)
(10) DMX IN (XLR-3 pin)	
(11) DMX OUT (XLR-3 pin)	
(13) Output terminal board (20A each channel, External power no fuse breaker is necessary when mounting.)	

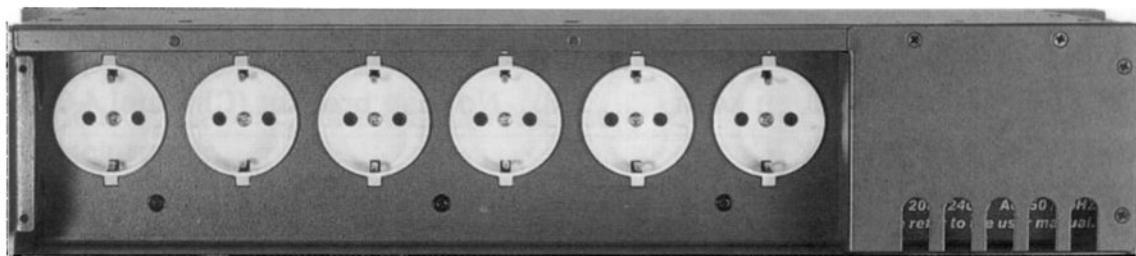
AMERICAN TYPE

Output sockets (12A each channel, External power no fuse breaker is necessary when mounting.)

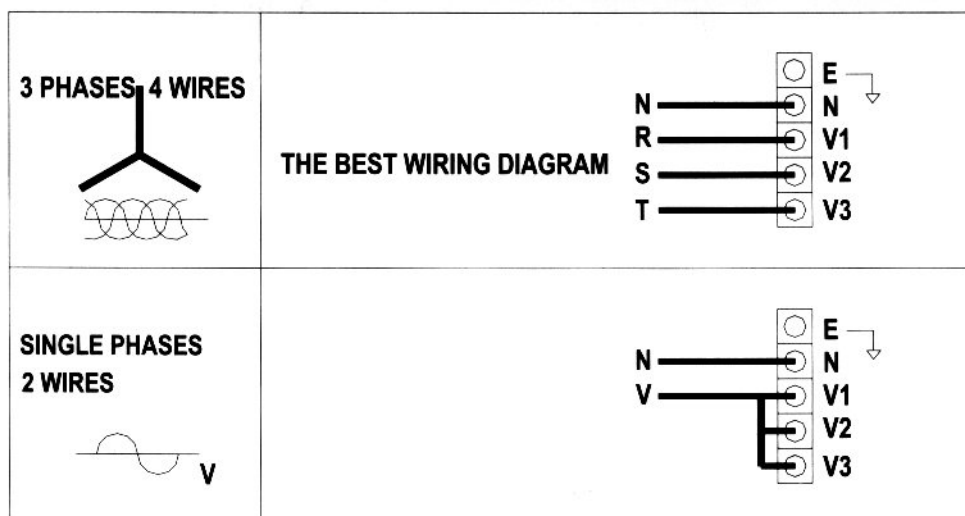


SCHUKO TYPE

Output sockets (12A each channel, External power no fuse breaker is necessary when mounting.)



1-6 Wiring diagram



PS.: There are '3 PHASES 3 WIRES' and 'SINGEL PHASE 3 WIRES' as option.

Chapter 2. Operation

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-626 is a 6 channel dimmer pack so when setting this unit:
- [1]** as d. 0 0 1, the output is from Channel 1→ Channel 6.
 - [2]** as d. 0 0 7, the output is from Channel 7→ Channel 12.
 - [3]** It is allowed for setting more than 1 piece of DX-626 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.



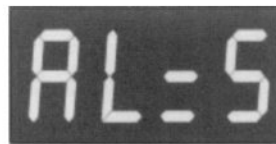
Default setting : all channel are dimming mode

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 Channel output status preview

STEP-1 Enter to DMX status and press **[DMX]** key

STEP-2 press **[▲]** or **[▼]** to preview



2-6 Manual dimming

STEP-1 Push **[VR1-VR6]** to do the prompt dimming output of individual channel.

When there is another signal inputting from a console, it will take the higher value as the output.

2-7 Display the dimming value of DMX channel, internal temperature.

Press **[L]** to display the dimming value of DMX channel.

Press **[T]** to display the internal temperature.

2-8 DMX status & DMX address

a.press **[DMX]** to DMX status

b.10 minutes unused of unit, the DMX will activate to DMX status