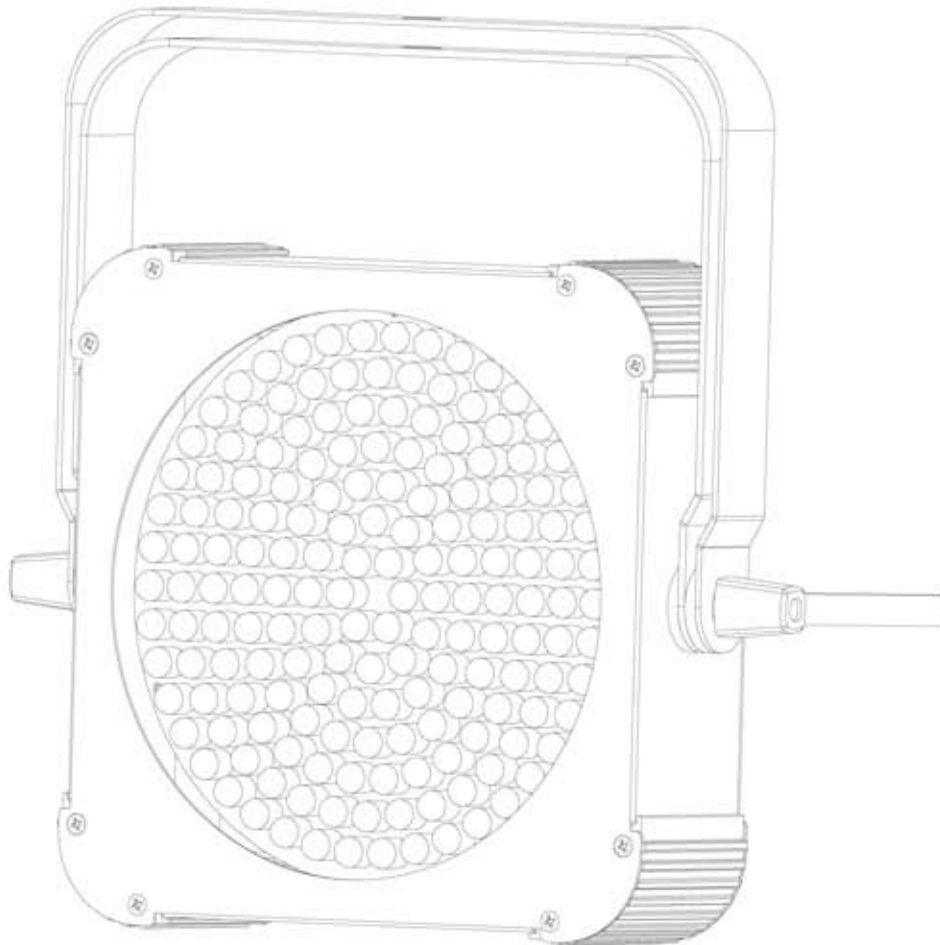


mbt
LIGHTING
PARDL64RGB



Please read this manual before use and keep it for your future reference.

Note:

Caustic or deliquescent chemicals can cause damage to the housing.

The operation temperature must be below 40°C, humidity is 0~95%. If it is used out of this range, the lifespan of the fixture will be shortened.



Indoor use only

Warning

Please do not connect the product to the power when it is still in its packaging.

Technical Specification

1. Input Voltage: AC 110~120V 60Hz
2. Fuse: 125V 1A
3. Power Consumption:18W
4. Light Source: 168 pieces of $\Phi 10$ LED (White)
5. Control Modes: DMX, audio, auto, manual
6. Connection: DMX (3 pin XLR)
7. Net Weight: 2.8Kg
8. Dimensions: L218XW98XH298mm

Power connection capabilities:

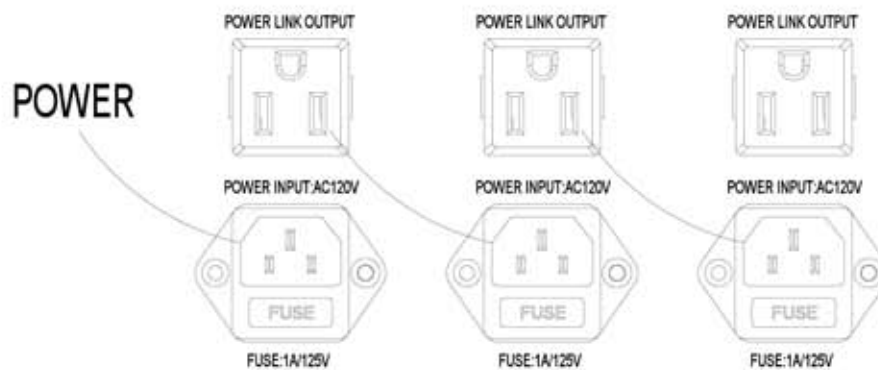


Diagram 1.1

As to the diagram above, the fixture can be connected to each other in series.
Up to 10 fixtures can be powered in this way.

Function Setup:

1. Four types of control modes:

- Audio—receive the sound active and send the slave data
- Auto—not receive outside control but send the slave data
- Manual— not receive outside control but send the slave data
- DMX—receive DMX controller and the slave data

2. It takes the setup function of key-press plus the digital tube

2-1、The operation broad is as picture 2 showed:



Picture 2



Picture 3

2-2、Digital Tube Position Introduction:

As picture 3 showing: the product chooses four digits for showing.

2-3、The Function Setup and Display Introduction:

It goes directly into DMX mode after electrifying and the first test shows:A001

According to the key-press on the operation board, it will go into the different work mode and that is as follows:

Table 1

"MENU"		"ENTER"	"UP"	"DOWN"	"ENTER"
Mode	Digital display				
DMX	A***	Specification Modification	A.001-A.512 (DMX address choosing)	A.001-A.512 (DMX address choosing)	Save and run
Auto/ Hand	AP**/coLo		AP01, AP02, coLo (Mode choosing)	coLo , AP02, AP01, (Mode choosing)	
	"UP"、 "DOWN"		c.000-c.008 (White choosing)	c.008-c.000 (White choosing)	
			F/S. 00~F/S. 008 (Red choosing)	F/S. 008~F/S. 000 (Red choosing)	
Audio	Soun		SP. 01~SP. 02 (Green choosing)	SP. 02~SP. 01 (Green choosing)	

3. Function Instruction:

3-1、Auto mode: there are two kinds of programs in this mode, One is APO1, another one is AP2 and the both programs setting speed of dimmer

3-2、Manual mode : it can be set the number of white brightness and strobe speed and the c.000-c.008 is stand for change of white color; The range of strobe is 3—1.

3-3、sound mode: it can be choose sensibility by the adjuster of electric potential.

4. DMX Channels Specification:

DMXchannel	Function	DMX512 No.	Description
CHI	adjust the white brightness	000~255	adjust the LED brightness

CH2	Mode	000~015	Dimmer mode ,without LED dimmer
		016~130	Strobe mode , CH1>15 adjust the LED brightness, CH2:adjust the speed
		131~240	Shade mode , CH1>15 adjust the LED brightness, CH2:adjust the speed
		241~255	240<CH2<250 sound 1 250<CH2<255 sound 2

Operation Introduction:

1、 Stand-alone Mode

1. Stand-alone mode: audio/auto/hand modes
2. Set up work modes: through choosing key-press and go into different work modes
3. Audio mode: adjust the audio button to the suitable position

2、 Master/Slave Mode

1. Master/Slave mode: audio/auto/hand mode and no need for controller
 2. Set up work modes: set up one pieces to the master mode (audio/auto/hand) and others to DMX512 mode, the DMX512 address: A001。 .
 3. Connecting online Use XLR—XLR line to connect the DMX output of the master with the DMX input of the first slave, and connect the DMX output of the first slave with the DMX input of the second one. According to that approach, connect all of the slaves completely.
 4. If it is the audio mode, please adjust the audio button to the suitable position.
- Remark: if the quantity of the slave is above 1 piece or there is the connection of DMX 512 controller and Obey3 controller in the circuit, the slave will not work properly.

5. Use controller

6. Use Obey3 controller: If using Obey3 controller, please set up every PAR working in Obey3 mode.press Menu then control until it shows"Ob-3"

The Installation

Hanging or Installing Horizontally

The fixture can be placed on the floor and fixed and hung by the clamp which is specially matched. When hanging, you can fix the clamp through the middle spot and assist the rope to safeguard the fixture and the rope should bear the weight which is the ten times of the hanging object.



The list of Accessories:

1. The user manual 1PCS
2. The power cable 1PCS