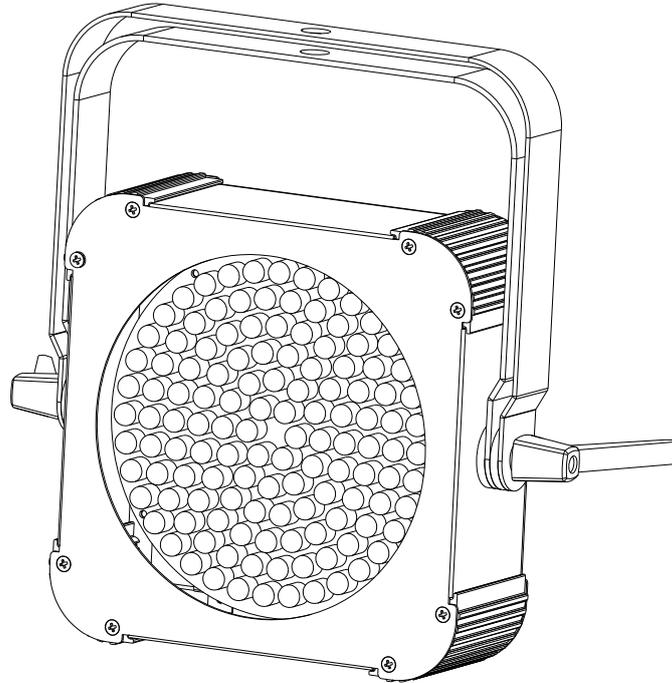


IRDIP-1126113-01D-11

## ePar 56 User Manual



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.

To ensure safety, please do not connect to high voltage power before installation.

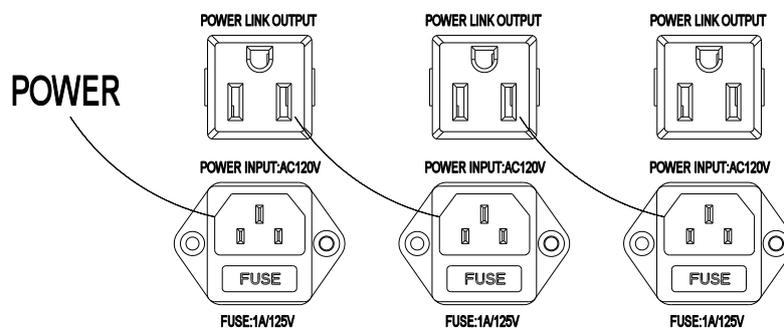
Do not take the fixture apart. If there are any problems with the fixture, please ask a certified engineer to repair.

The input voltage must match the voltage requested for the fixture.

## Technical Specification

1. Voltage: AC 110~120V 60Hz
2. Fuse: 125V 1A
3. Power: 13.5W
4. Light Source: 126 pieces of  $\Phi 10$  LED (46 pieces of red, 40 pieces of green and 40 pieces of blue)
5. Work mode: DMX, audio, auto, hand, self-connecting.
6. Connector: DMX (3 pins XLR connector)
7. Net Weight: 2.5KG
8. Housing Size: L316XW96XH278MM

## Series Function:



Picture 1

1. As the picture 1 shows, the light can connect each other in series. Through the connection of the picture 1, it can connect 10 pieces at most.

## Function Setup:

### 1. Four kinds of work modes:

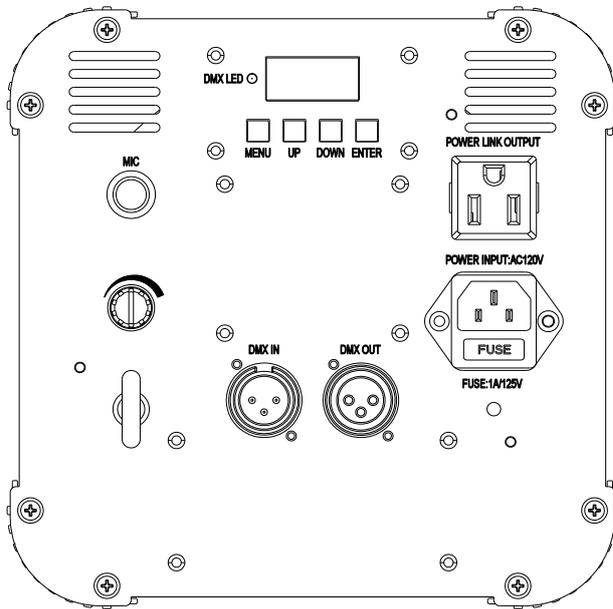
Audio---receive the sound active and send the slave data

Auto---not receive outside control but send the slave data

Hand--- 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 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 broad, it will go into the different work mode and that is as follows:

Table 1

"MENU"		"ENTER"	"UP"	"DOWN"	"ENTER"
Mode	Digital display				
<b>DMX512</b>	<b>A***</b>	Specificat ion Modificati on	A.001-A.512 (DMX address choosing )	A.001-A.512 (DMX address choosing)	Save and run
			Par.0-Par.4 (Lamp series choosing)	Par.4-Par.0 (Lamp series choosing)	
<b>Auto</b>	<b>AP**</b>		AP01-AP17 (Mode choosing)	AP17-AP01 (Mode choosing)	
			F/S.00-F.008 (Strobe speed choosing)	F/S.008-F.000 (Strobe speed choosing)	
<b>Hand</b>	<b>coLo</b>		r.000-r.008 (Red choosing)	r.008-r.000 (Red choosing)	
			g.000-g.008 (Green choosing)	g.008-g.000 (Green choosing)	
			b.000-b.008 (Blue choosing)	b.008-b.000 (Blue choosing)	
			S.000-S.008 (Strobe speed choosing)	S.008-S.000 (Strobe speed choosing)	
<b>Audio</b>	<b>Soun</b>	No useful			
<b>3 channel</b>	<b>3-CH</b>				

### 3. Function Instruction:

3-1、DMX mode: When used as a single PAR lamp in DMX mode, set the lamp body in order to: Par.0. If CH2 = 255, CH4 = 1, CH5 = 2, CH6 = 3, the system directly converted to 3 channel control mode. When used as a suit, set the set Par.1 ~ 4 (and save), DMX address setting the same, if the set Par.0 or other DMX address, from the machine will not display.

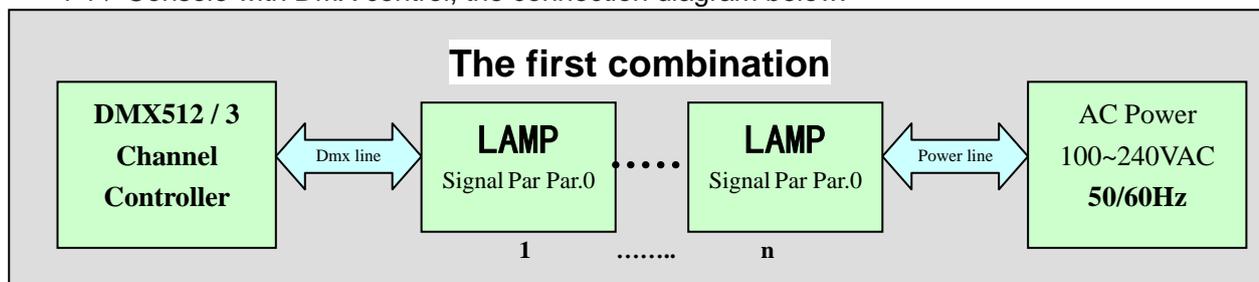
3-2、Auto: There are 17 kinds of modes which are from AP01 to AP17, and we can install the speed for each mode

3-3、Hand: We can install the red, green, blue brightness volumes and the strobe speed by hand. r.000 -r.008 stands for the red change, and g.000-g.008 stands for the green change, and b.000-b.008 stands for the blue change. The strobe sped is the same with 3-1.

3-4、Audio: In this mode .We can regulate the resistance to select right sound area.

### 4. Single-use PAR lamps, the DMX channel parameters:

4-1、Console with DMX control, the connection diagram below:



### 4. DMX Channels Specification:

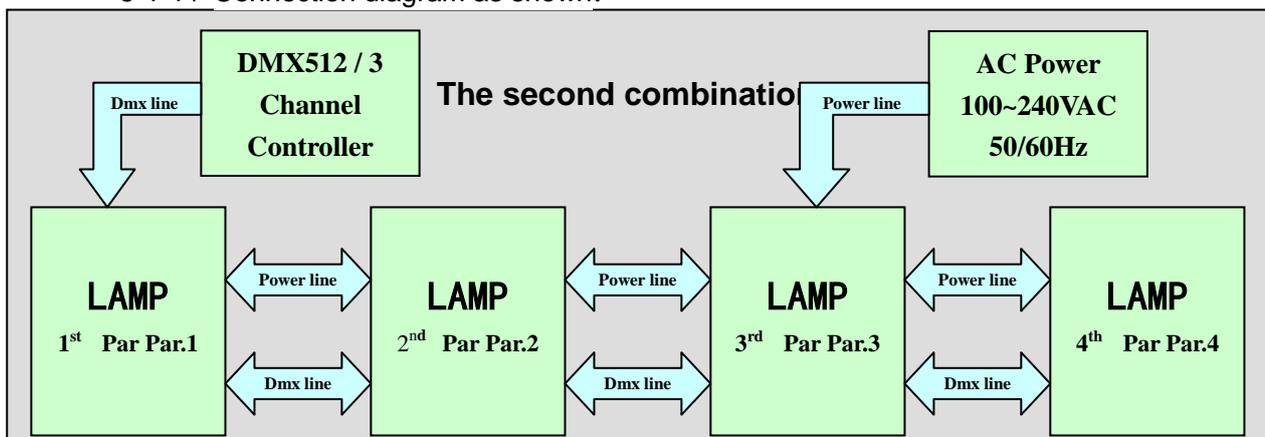
DMX Channels	Function	DMX512 Volume	Description

CH1	Adjust the red brightness	000~255	Adjust the total brightness of red LED to 0%~100%
CH2	Adjust the green brightness	000~255	Adjust the total brightness of green LED to 0%~100%
CH3	Adjust the blue brightness	000~255	Adjust the total brightness of green LED to 0%~100%
CH4	The function to adjust strobe/color-fading speed	000~015	No strobe
		016~255	The strobe speed (slow to fast).
CH5	Mode	000~030	DMX mode(the relevant channels: CH1、CH2、CH3、CH4、CH6)
		031~080	Choose color-fading, small-large-small(the relevant channels Red:CH1>10、Green:CH2>10、Blue:CH3>10、CH4)
		081~120	9 kinds of colors changing automatically (CH4>15, which is the relevant channel converts the speed adjustment )
		121~160	The auto color-fading(the relevant channels is CH4)
		161~200	R->G->B converting(CH4>15, which is the relevant channel converts the speed adjustment)
201~255	audio mode		
CH6	RGB total brightness adjusting	000~255	Brightness: 100%~0%, Just when CH5 is below 16, it is available.

**5. Set composed of four PAR lamps use, the DMX channel parameters:**

5-1、DMX console with control

5-1-1、Connection diagram as shown:



5-1-2、Channel using the table below:

DMX Channel	Function	DMX Volume	Description
	Mode 01	000~009	RGB color adjustment, the relevant channel: CH2~CH15
	Mode 02	010~029	Run the built-in program 01, the relevant channel:

			CH3>15
	Mode 03	030~049	Run the built-in program 02, he relevant channel: CH3>15
	Mode 04	050~069	Run the built-in program 03, he relevant channel: CH3>15
	Mode 05	070~089	Run the built-in program 04, he relevant channel: CH3>15
	Mode 06	090~109	Run the built-in program 05, he relevant channel: CH3>15
	Mode 07	110~129	Run the built-in program 06, he relevant channel: CH3>15
	Mode 08	130~149	Run the built-in program 07, he relevant channel: CH3>15
	Mode 09	150~169	Run the built-in program 08, he relevant channel: CH3>15
	Mode 10	170~189	Run the built-in program 09, he relevant channel: CH3>15
	Mode 11	190~209	Run the built-in program 10, he relevant channel: CH3>15
	Mode 12	210~229	Run the built-in program 11, he relevant channel: : CH3>15
	Mode 13	230~239	Run the built-in program 12, he relevant channel: : CH3>15
	Mode 14	240~255	Sound mode
CH2	RGB Dimmer	000~255	Brightness:0%~100%
CH3	Strobe/Run speed	000~015	No strobe/run speed
		016~255	strobe/run speed from slow to fast
CH4	the red rightness	000~255	First red LED Brightness: 0%~100%.
CH5	the green rightness	000~255	First green LED Brightness: 0%~100%.
CH6	the blue rightness	000~255	First blue LED Brightness: 0%~100%.
CH7	the red rightness	000~255	Second red LED Brightness: 0%~100%.
CH8	the green rightness	000~255	Second green LED Brightness: 0%~100%.
CH9	the blue rightness	000~255	Second blue LED Brightness: 0%~100%.
CH10	the red rightness	000~255	Third red LED Brightness: 0%~100%.
CH11	the green rightness	000~255	Third green LED Brightness: 0%~100%.
CH12	the blue rightness	000~255	Third blue LED Brightness: 0%~100%.
CH13	the red rightness	000~255	Fourth red LED Brightness: 0%~100%.
CH14	the green rightness	000~255	Fourth green LED Brightness: 0%~100%.
CH15	the blue rightness	000~255	Fourth blue LED Brightness: 0%~100%.

## 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 the voice mode: The host's voice raised to moderate sensitivity adjustment knob.
- Note: If the loop hosts more than 1 set or DMX512 console, 3-channel controller connections, opportunities arise from the work exceptions
5. Use 3-channel control: Keep all loop PAR lamp set 3-channel mode, the specific operation according to "Menu" button until "3-CH".

## 3、 Set master / slave online mode:

1. Set work Mode: DMX address from the machine all set: A001, light body sequence is selected as: Par.1 ~ 4.

This product can be combined into a group of 4 and set composed of Use, And with the following other products from the company online, to achieve a more extensive stage effects.

Products 1: IRDIP-7007126-01D-11 (Single lamp 7x3W (3IN1) )、IRDIP-7028126-01D-11 (Par bar 7x3W (3IN1) )

Products 2: IRDIP-14321A4-00D-11 ( 10MM PAR bar)

Products 3: ILDIP-4016526-00D-11 ( 16x3W (3IN1) MINI Light staining)

Products 4: IRDIP-7018126-00D-11 ( 18x3W (3IN1) PAR64)

Products 5: IRDIP-7007126-00D-11 (7x3W (3IN1) PAR56)

Products 6: IRDIP-1090113-00D-11 (AC: 110V)、IRDIP-1090114-00D-11 (AC: 220V) (10MM ePAR38)  
(New program)

Products 7: IRDIP-1168113-01D-11 (AC: 110V)、IRDIP-1168114-01D-11 (AC: 220V) (10MM ePAR64)  
(New program)

## 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

