
Instruction Manual

LED PAR 56

Model: BI-LD003A



PROFESSIONAL LED · PROFESSIONAL LIGHTING

At first, thank you for purchasing the device. For the sake of safety and regular operation of this projector, please read this manual carefully before using and operating.

Packing list:

- a set of device
- one user's guide

User instruction:

1. After unpacking, please check whether the projector has been damaged by transport such as screw loosening, reflecting mirror broken, etc.
2. Check before electrification. Check whether the projector has been laid correctly and stably, whether the voltage of the power is adapted to the requirement, otherwise we'll not be responsible for the damage of the light.
3. This projector is the first class protected equipment. Notice that while using the ground wires have to connect to the earth properly by professionals. Please examine the electrics and voltage before powering on it. Keep sure the supplied voltage stable and required. We suggest customers apply a voltage regulator if necessary. It'll check itself in seconds after being electrified, could be used.

Technical Parameters:

- Rated Voltage: AC230V
- Rated Frequency: 50Hz
- Rated power: 30W
- Diodes Quantity: 151pcs diodes (10mm LED)
- Channels: 4 Channels
- Control signal: Standard DMX-512 signal
- Function Model: DMX-512 controlled, Automatic, Master/slave
- Working environment: Indoor use
- Packing size: 23X23X35cm

FUNCTION MODEL SETTING:

This unit applies to Switch-address code, which is the choice of the mode of the performing control and the address-code, the 10th address-code is the switch of the transferring of the DMX-512 signal control, music control and automatic control. The mode set, details as following

ON	OFF	Function
1, 10	2, 3, 4, 5, 6, 7, 8, 9	Connected one by one, then controlled by DMX512
9,	1, 2, 3,4, 5, 6, 7, 8, 10	strobe
1,9	2,3,4,5,6,7,8	RGB strobe in turns slowly
2, 9	1, 3, 4, 5, 6, 7, 8, 10	RGB strobe in turns with increased speed
1, 2, 3, 9	4, 5, 6, 7, 8, 10	RGB color and patterns changed in times

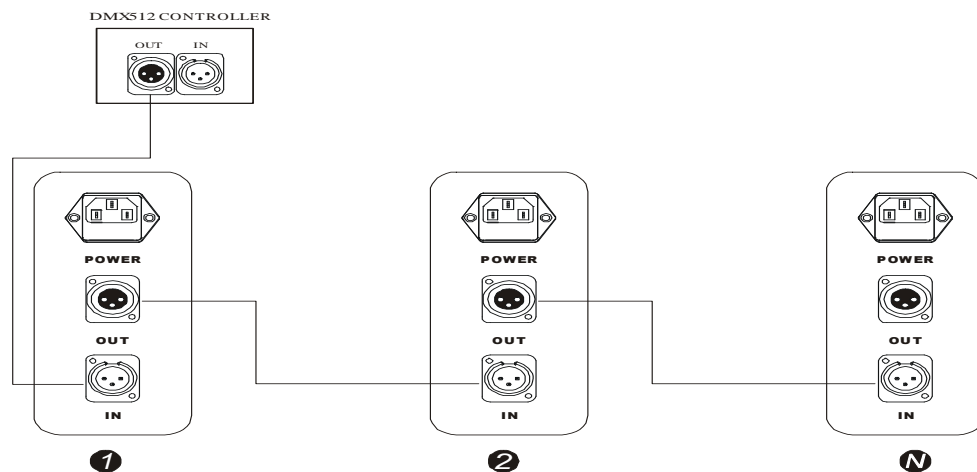
DMX-512 Function:

The device adopts international standard DMX-512 signal, with totally 4 channels, details as below:

Channels	512 Value	Function
CH1	0-152	turn on from dark to bright
	153-242	Strobe with speed increased
	243-255	complete brighten
CH2	0-255	Red when CH1 turn on,brighten adjustable
CH3	0-255	Green when CH1 turn on,brighten adjustable
CH4	0-255	Blue when CH1 turn on,brighten adjustable

Signal Connection

- 1.This product is assembled with DMX input and output 3 pins XLR socket, while all connection is that Pin 1 is connected to the ground, Pin 2 is connected the negative pole signal, Pin 3 is connected the Positive pole signal.
2. This product applies for 3 pins XLR socket, the connection of many units as following:



- NOTICE: 1. No overloading connection, the same branch without over 32 units.
 2. Terminal matching connection, connect a resistance of 1 20 ohms between the Foot 2 and Foot 3 of DMX output Pin 3 socket of the last equipment of the branch.

DMX-512 address code set:

This unit is equipped with 4 channels, while the address code of the first light is 1, the second is 2, the third is 3, and so on.

Detailed DMX-512 address code set as following:

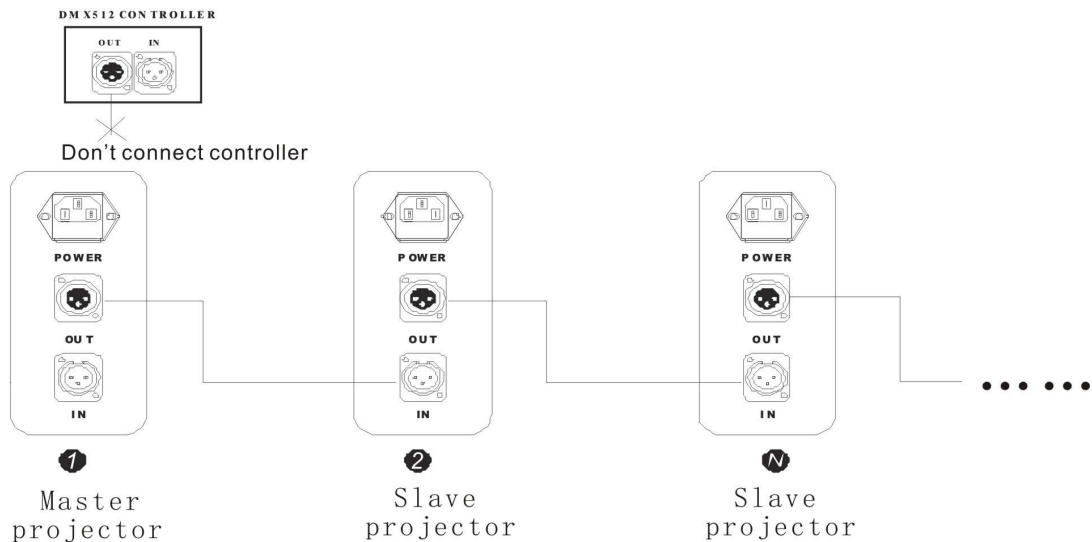
Lighting NO.	Original address (ID Value)	Binary Code Dialing (ON)
1	1	1、10
2	2	1、5、10
3	3	1、6、10
4	4	1、5、6、10
5	5	1、7、10

6	6	1、5、7、10
7	7	1、6、7、10
8	8	1、5、6、7、10
9	9	1、8、10
10	10	1、5、8、10
...

Notice about Master-slave synchronization:

1. When the master machine is running, the light will send DMX-512 signals, however, it can't be connected to the controller, otherwise, they will interrupt each other, thus that can not be synchronized.
2. While many lights are using master-slave synchronization, only one of them can be master, or they can't be synchronized.

The connection of Master-slave synchronization as below:



Safety Notice:

- PLS be sure to turn off the device before installation and maintenance
- PLS be sure when operating the device you have good ventilation.
- This device is design for indoor use. PLS keep it dry whenever using. Install and maintenance should be done by an Authorised dealer or service agent.
- Do not use other voltage that not complied with the instruction showed.
- Do not stare at the lighting source, it may damage you eyes.
- Don not operate unless there is stable voltage.
- Don not use it in a moist environment.

Maintenance:

We suggest that clean the light with professional glass cleaning and downy cloth. Keeping the light clean regularly can not only get the largest power of the light.