
IRDIP-11091A6-00D-11 User Manual



Please read the manual carefully before use and keep it for future use.

Notice

Corrosive or soluble chemicals will do harm to the housing.

Working temperature is not above 40℃, and humidity is between 0~95%



Indoor Use

Warning

- Be sure that the running voltage is the same as the rating voltage on the fixture
- Connect the fixture to the earth linked power supply
- Please contact the professional engineers for repair.



Specification

- 1.Voltage: AC120V 60HZ/240V 50HZ
2. Power Consumption: 14W
- 3.Fuse: 1A 250V/2A 125V
- 4.Light Source : \varnothing 10 LED Red 37 PCS, Green 36 PCS, Blue 36 PCS
- 5.Function :DMX, Auto, Sound, Manual, Master-Slave

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- 6.DMX Channels: 5
7.Dimension: L230XW160XH213mm
8.Net Weight: 2.1 KG

Packing Details

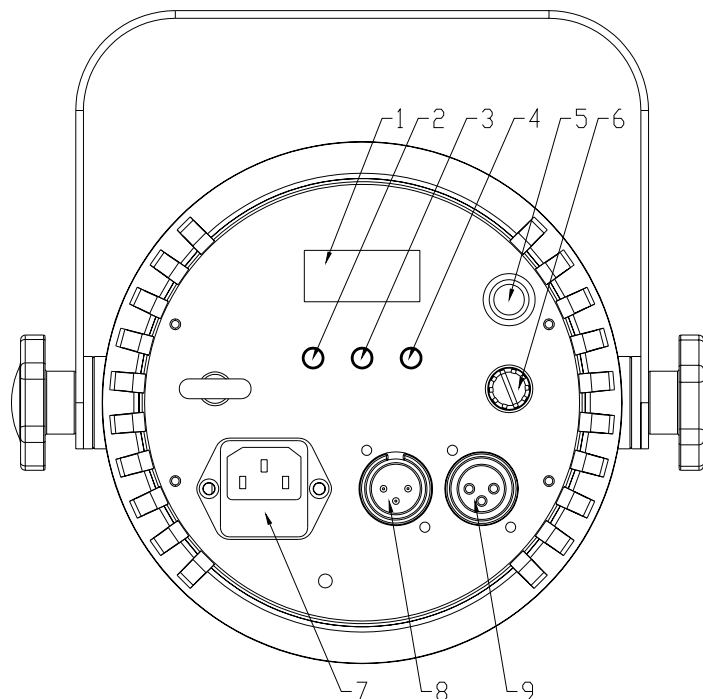
1. IRDIP-11091A6-00D-11 ϕ 10 LED Bar Light----- 1PC
2. User Manual ----- 1PC

Operation Instruction

● Item Description

IRDIP-11091A6-00D-11 consists of 109 PCS ϕ 10 RGB LEDs in total, 37 PCS red LEDs, 36 PCS green LEDs and 36 PCS blue LEDs. It has five working modes, including DMX, auto, sound, manual and master-slave. It enjoys vivid effect, such as color change, dimmer, strobe and fade. It is user friendly as well. The above advantages make it suitable for all kinds of entertainment occasions and home party.

● Panel Instruction



1. Display
2. UP Button
3. DOWN Button
4. MENU Button
5. Mic-set
6. Sensitivity
7. Power Connector
8. Male DMX Connector
9. Female DMX Connector

● Installation Instruction

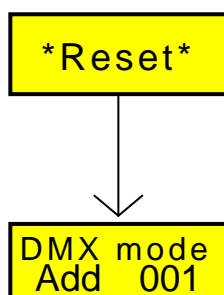
The fixture can be laid on the ground or hung for use. Please lock the hand wheels and screw well so as to avoid danger.



● Function Instruction

1. Reset after it is connected to power supply

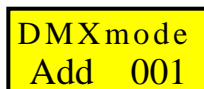
After powered on, the system goes to initialization, the LED display shows the previous working mode. For example, the DMX address is 1 previously. Then after powered on, it shows A001 as below.



DMX Working Mode

1. DMX Mode and Address Setting

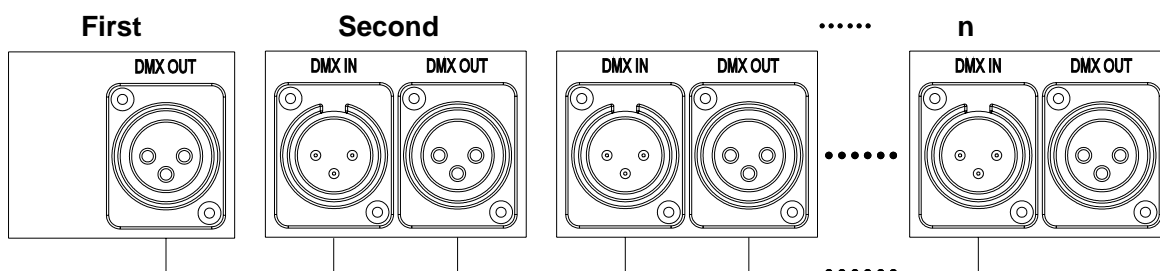
Press MENU button until the display shows DMX working mode. Then undo the MENU button to enter DMX modes. Choose UP or DOWN button to modify the address between 001 to 512. Press Menu and back to the current working mode.



2. DMX Pin Assignment:

Male and Female DMX connector Pin Assignment: Pin1 = Gnd Pin2 = Dmx- Pin3 = Dmx+

3. DMX CONNETION CHART



4. DMX Function Chart

CH1	CH2	CH3	CH4	CH5
0~50 Black Out	NA	NA	NA	NA
51~100 Dimmer1	Flash	All Red	All Green	All Blue

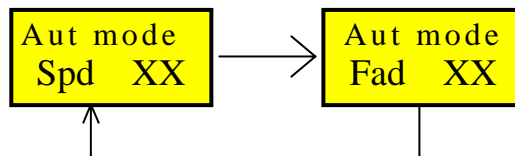
101~150 choose	Flash	Color choose	NA	NA
151~200 Color change	Speed	Color change	NA	NA
201~255 Color fade	Speed	fade	NA	NA

DMX Connection Test: Use Three-Pin Connection cable to connect the each unit. Set up the same DMX address and the units can work in synchronization.

Master Slave Mode

(I) Auto Mode

Press MENU button until the display shows AUTO Mode and then undo the MENU button to enter Auto Mode. Press menu button to choose different parameter interface, which is as the below chart shows. Press UP or DOWN button to modify the corresponding parameter. Keep pressing these two buttons, you can speed up or slow down.



Parameter Instruction

Spd XX(01~10): Choose running speed of the pre-set programs, ten different speed to choose. 01 refers to the quickest and 10 refer to the slowest..

Fad XX(01~10): Choose to run FADE effect in pre-set program. Ten in total. 01 refers to the quickest and 10 refers to the slowest

(II) Sound Mode:

Press MENU button until the display shows SOUND Mode and then undo the MENU button to enter SOUND Mode. Press UP or DOWN button to modify the corresponding parameter.

Aud mode
Fad XX

Parameter Instruction

Fad XX(00~10): Choose to run FADE effect in pre-set program. Five in total. 01 refer to the quickest and 05 refer to the slowest.

Slave mode: The fixture can work in auto or sound mode in Master

● Trouble-shooting

Trouble	Reason	Trouble Shooting
The fixture doesn't work	1.Check if the fixture is running under rating voltage 2.Check if the fuse is burnt	1. Be sure that the fixture is running under rating voltage 2.Change fuse with the same specification
LED is dim	1. Check if the fixture is running under rating voltage	1. Be sure that the fixture is running under rating voltage
Sound Mode doesn't work	1.Check if the fixture is working in sound mode 2.Check the sound sensitivity	1.Set up the sound mode 2.Increase the sensitivity
The fixture can not receive the DMX signal	1. Check if the DMX cables are connected rightly 2. Check if the fixture is working in DMX mode	1. Be sure that the DMX cables are connected rightly 2. Set up DMX mode