Manual

Product Overview

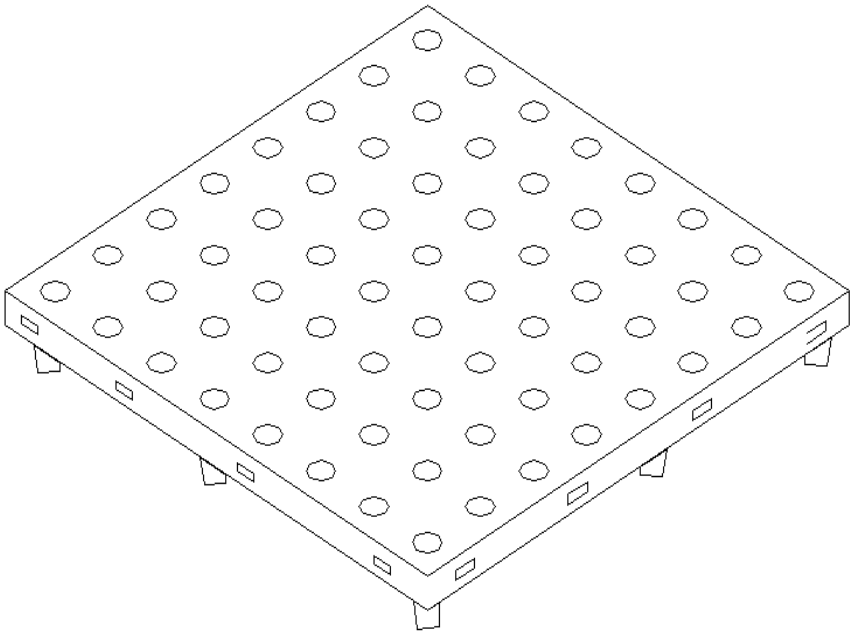
1, This product is the latest development of the LED digital dance floor, with high brightness.

2, With 5050 SMD 3IN1 high brightness LED lamp board.

3, SD control or PC software control are both available, to achieve gorgeous effects. With optional of Remote control, audio control and DMX control.

4, With metal housing base, tempered glass. Advantage are light weight, ultra-thin, sophisticated, high-end.

5, With wireless magnetic connection, very simple, convenient, fast and safe to install.



Specification

Model	
Control mode	SD control with DMX512, sounds active PC control (Madrix acceptable)
Dimension(mm)	L500*W500*H70mm
LED quantity（pcs/unit）	64
Light source	5050 SMD 3in 1
Max power	10W
Input voltage	DC24V
Net Weight	7.5KG
Brightness	Hight Brightness
Resolution（L*W）	8*8
Surface material	Tempered glass
Base housing material	metal
Bearing weight	500KG/m2
Protection level	IP55
Visual angle	120°
Working temperature	-20~ +45℃
Lifespan	≥50，000 hours
Insulation grade	CLASSE II

Module installation method:

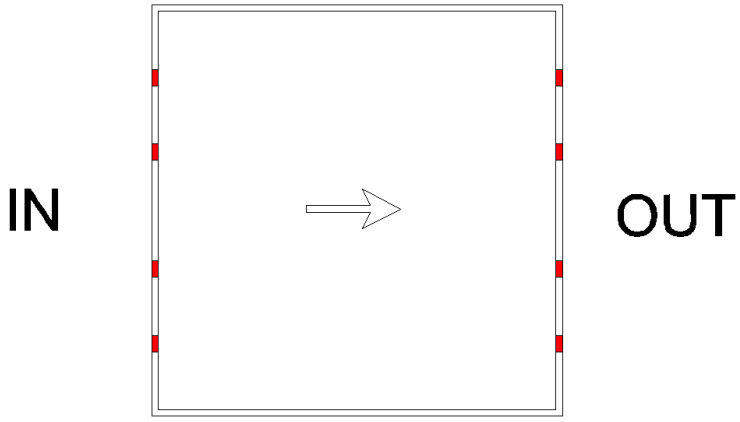
Note:
Be careful in installation,avoid bump and damage, please take the light when the stitching.
Do not power and signal when splicing. After splicing and then power and communication.

1. With strong magnet to force suction connect each modules. Set the starting point firstly, Secondly, to set the power supply ramp (with cable).

Note: 1）according to the arrow direction on bottom to connect followed by splicing.

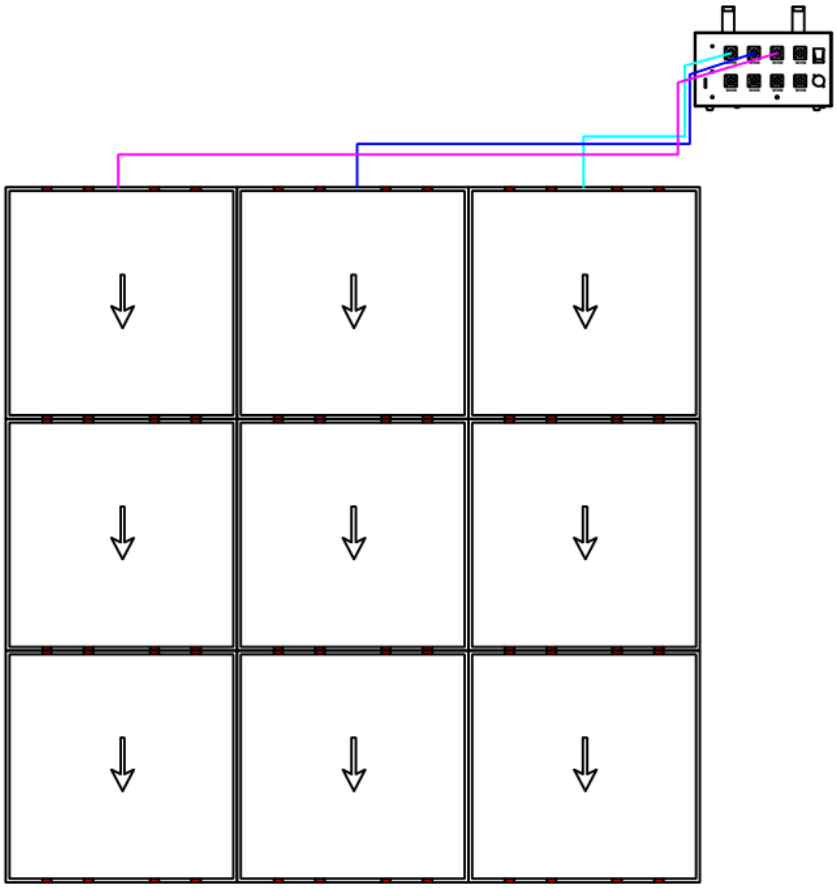
2）When stitching must be in accordance with the direction of the arrows at the bottom of the ending, it is forbidden to rotate 90 degrees or 180 degrees.

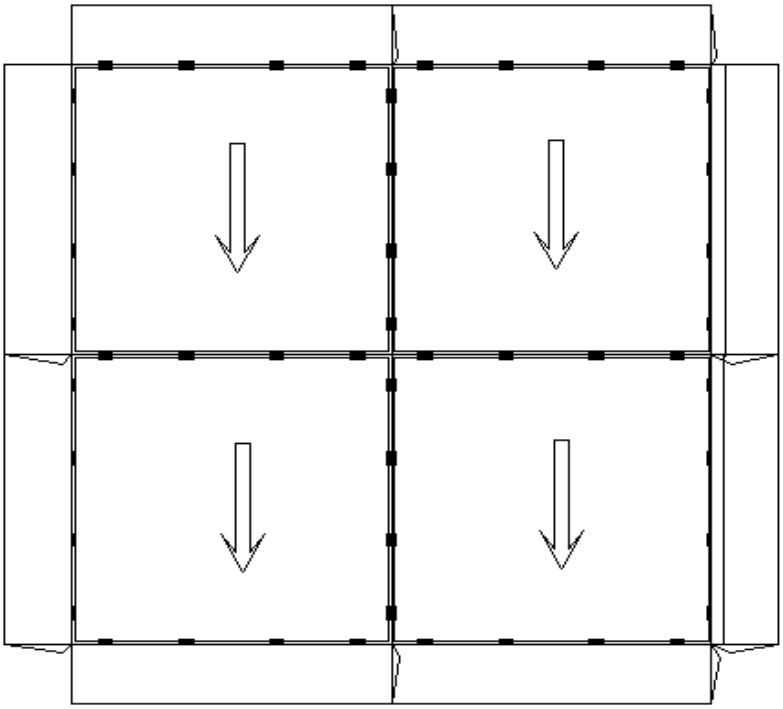
3） Power for the multi-column series, the signal for each column a single signal



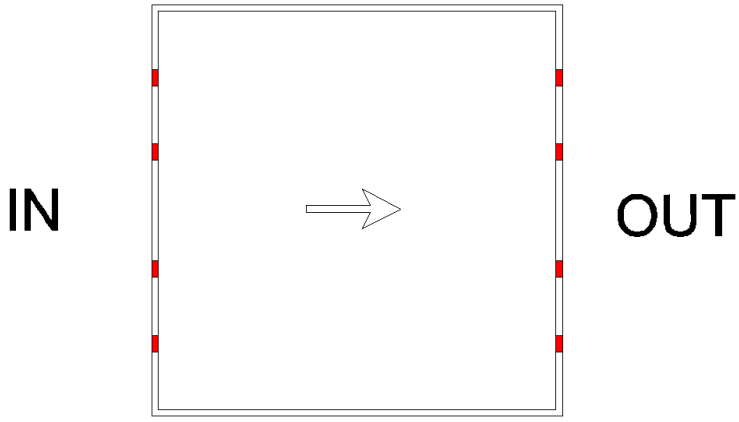
2. Splicing, the magnet and the magnet to be aligned, otherwise it will lead to poor contact (power and signal).

3. The four corners are empty for power lines and signal lines.



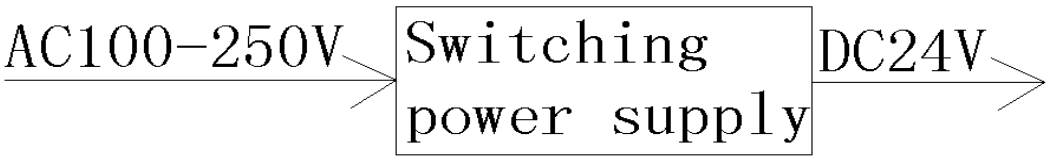


The circuit port of lamps



Power supply

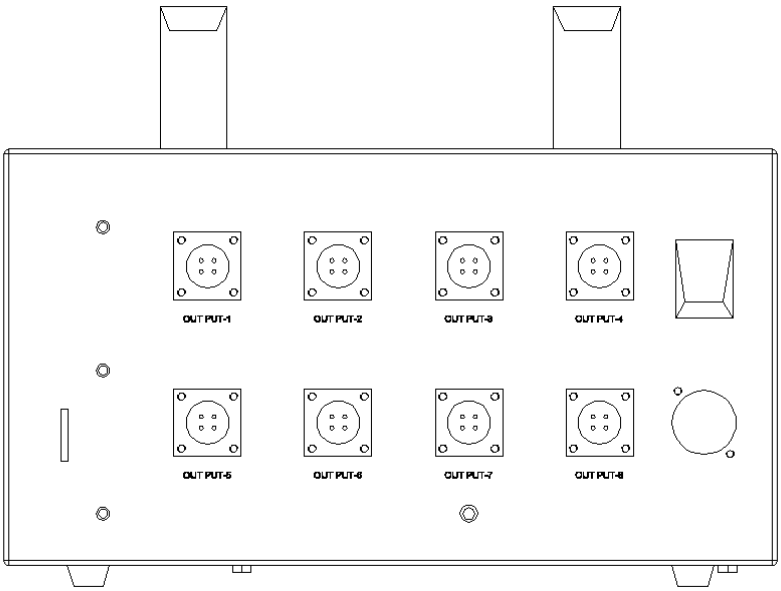
This product uses the external power way, the lamps use DC24V power supply. The external power supply box converts the AC100-250V voltage to DC24V for use by the fixture. Our company provides customers with 750 w, 1600 w, 3000 w three kinds of specifications of the power supply, for customers to choose to buy.



Control Way

1.SD controller，as shown below picture

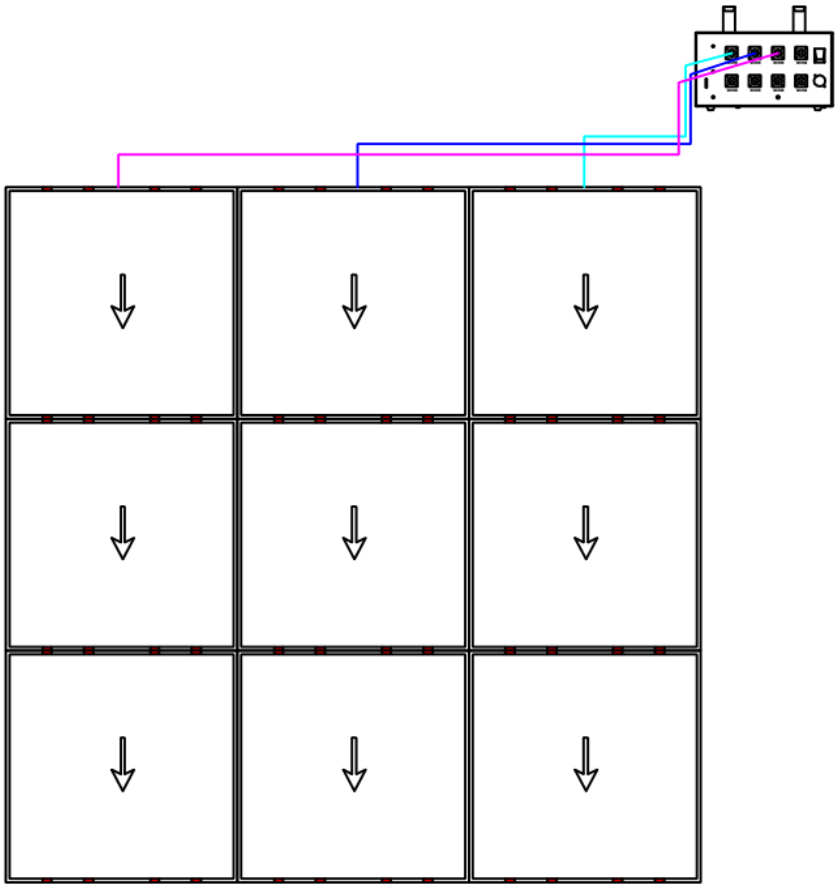
Note：Please don't plug SD card under power on。



（SD Controller side view）

SD controller have 8 output，each output max control 16pcs dance floor，so 1 sd controller max control led dance floor quantity is：8*16=128pcs。

The following is the SD controller 3X3 signal line connection diagram:



Attention:

1、In order to ensure the service life of the product, the product should not work in the environment of more than 40 degrees.
2、Do not place this product in a location that is susceptible to loosening or shock.
3、In order to avoid the risk of electric shock, the maintenance of this product requested the help of professional maintenance.
4、Do not splice or disassemble the lamp while the power is on..
5、The surface of the product has a certain degree of water resistance, but not completely waterproof, Please try not to install it in a humid environment.
6、To ensure proper operation of this product, please read these instructions and the relevant controller instructions carefully.