

User manual of LED Dance Floor

Product name: LED Dance Floor

Basic information:

Unit Dimension (mm): 330*330*100mm

Light source: Super bright LEDs

Qty of LEDs: 108pcs (36R/36G/36B)

Material of cover: 10mm thickness Tempered glass

Material of base: ABS

Max. Load: 500KG/sqrs.

Net. Weight: 4.5KG

IP Rate: IP65

Electricity specification:

Input voltage: AC110~240V

Power: 9W

Working environment: -10°C—40°C

Relative humidity: 10%—90%

LED dance floor and Accessories:

330mm (L)*330mm (W)*100mm (H)

Multiple units connected together



Accessories:

1. Controller



2. USB connector



3. T connector



4. Splice connector



5. End plug (Avoid electricity shock)



6. User manual



Main features of new LED dance floor

1. With built-in pressure sensor, it can respond with a touch.
2. With our controller, both the brightness and color changing speed are adjustable.

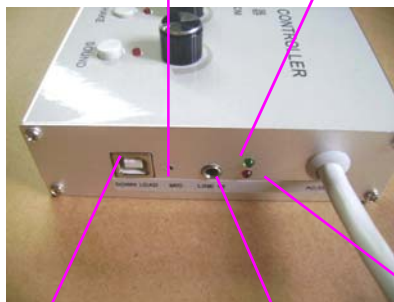
3. With our controller, the color will change to the beat of music. The sensitivity is adjustable.
4. One controller can control up to 512pcs panel together.
5. Single panel can run automatically.

The controller:

- Speed: ON/OFF
- Bright: ON/OFF
- Shake: ON/OFF
- Sound: ON/OFF



AC power input & signal output



Data download port

Audio Jack

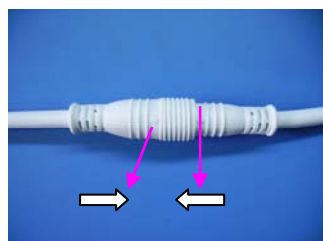
Sound sensor

Green signal: Normal

Red signal: mistakes

1. Speed: Only when the “speed” button is on, you can turn up or turn down to adjust the speed.
2. Bright: Only when the “bright” button is on, you can turn up or turn down to adjust the brightness.
3. Shake: When the “shake” button is on, the dance floor is free from “sound” control. you can turn up or turn down to adjust the sensitivity to pressure
4. Sound: When the “sound” button is on, the dance floor is free from “shake” control. you can turn up or turn down to adjust the sensitivity to sound
5. Data download port: with USB connector, you can download the DIY program from PC to controller.
6. Sound sensor: With this sensor, the dance floor could respond to the beat of music.
7. Audio jack: When connecting to PC, dance floor will change color with the pace of the music played on PC.
8. Red signal: when on, it means there are some mistakes with data transfers.
9. Green signal: when on, it means everything is good with data transfers.
10. AC power input & signal output: AC110~240V power input and signal output.

How to use it?



Arrow to arrow



Male connector



Female Connector

1. Connect the female connector of T power cords to the male connector of the first panel. Please be noticed the arrows direction on both the male and female connectors. Arrow to arrow. If not, it may cause

burn out failure. Then connect the female connector of the first panel to the male connector of the second dance floor. On and on, to use end plug to connect to the female connector of the last dance floor to avoid electricity shock. Then plug the T into power AC100-240V. The dance floors will run automatically with built in programs.

2. Connect the male connector of T power cords to the controller. The dance floor will run according to the programs pre-set in controllers. You can DIY the programs with "color edit" software on PC and download it to controller with the USB connector. (To set both PCB mode and Unit mode as "1*1")

3. You can choose to control this dance floor under different modes with different sensitivity. You can adjust the brightness and speed. But please be noted that the "shake" mode and "sound" mode can't be chose at the same time.

Wiring Diagrams

