

# User Manual

The unit is designed to be applied in movable stages, shows, pubs, shops and outdoor projects. It is with high power Red, Green, Blue and White LEDs to mix all kinds of changing colors, using 2x8 digits LCD to display all control functions. It is with the functions of stand alone, linking or connecting with DMX controller. User can input their own data to edit and control the lights.

There are built-in programme to realize multiple units for color change, color strobe, color dimmer, color gradual change, color jump change, DMX programme ( Multiple units linked can realize thousands of effects).



## Lighting Specs:

Item	LED Type	LED QTY	Max. Power	Cell QTY	Battery Duration	Beam Angle
1	12LED 3IN1 3W	12PCS X 3W	40W	18650 27PCS	6-18 h	25° or 40°
2	6LED 3IN1 3W	6PCS X 10W	60W	18650 27PCS	6-18 h	25° or 40°
3	6LED 3IN1 10W	6PCS X 10W	60W	18650 27PCS	6-18 h	25° or 40°
4	9LED 3IN1 3W	9PCS X 10W	90W	18650 27PCS	4-12 h	25° or 40°
5	9LED 3IN1 10W	9PCS X 10W	90W	18650 27PCS	4-12 h	25° or 40°

Working Voltage: 100-240V AC 50-60Hz

DMX Channels: 3 or 5 Channels

Control mode: DMX512, Master/Slave, Auto Run, Sound Active

Dimensions: 24cm X 22cm X11cm

Applications: Movable Stage, Shows, Clubs, Shops and Outdoor projects.

## Wireless DMX Specs:

Tricolor LED displaying

126 channels automatical jumping frequency, high anti-jamming ability to ensure working reliability.

7 groups ID code settable, User can use 7 groups individual wireless net without any interfere each other in the same place.

Communication distance: 700M

Work frequency section: 2.4GHz ISM band,126 channels frequency section.

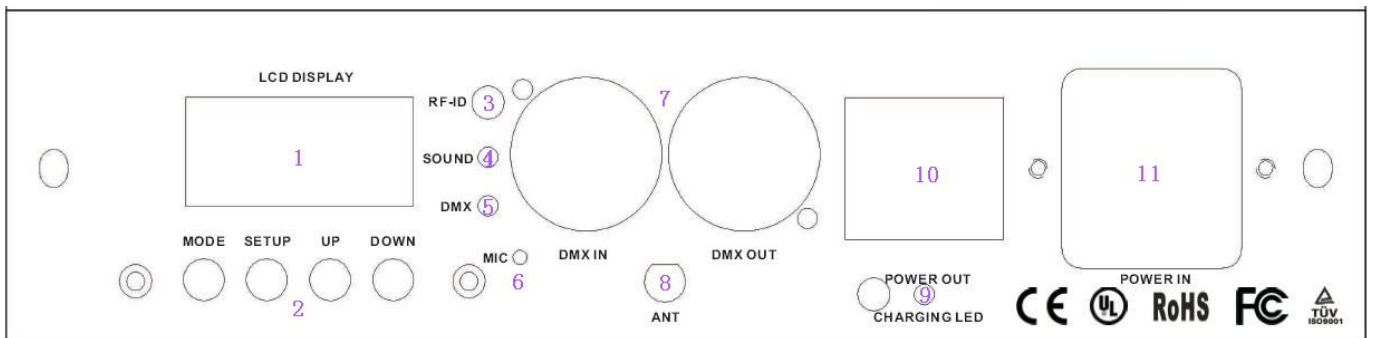
Max transmitting power rate: 20dBm

Receiver sensitive: -94dBm

**Function Descriptions:**

- Tricolor dimming: 255 grade brightness tuning, sound activation
- Tricolor Jumping change: Red, Green and Blue color jumping in turns, 255 grade speed control, sound activation
- 7 color jumping change: 255 grade speed control, sound activation
- Multicolor graduating change: 255 grade speed control, sound activation
- Multicolor strobe: 7 colors strobe in turns, 255 grade speed control, sound activation.
- Auto Run, Built-in programme circulation
- Master/Slave: Multiple units linked, slave changes with master synchronizingly.
- DMX dimming: Different units are assigned their own DMX address, their outputs are changing with the data of the DMX controller.

**Operation Panel**



- 1-LCD Display 2-Operation Button 3-Wireless DMX Indicator 4-Sound Activation Indicator  
 5-DMX Signal Indicator 6-MIC  
 7-DMX Socket 8-Antenna 9-Not Applicable 10-Power Out 11-Power In

**Button Description**

- MODE: Working Mode Switch  
 SETUP: LCD Cursor Moving Key, Flashing Position is the parameter to be revised  
 UP: Data Up  
 DOWN: Data Down

**Function Setup**

- **Built-in Function Setup**



Press SETUP key to switch among all sub-function key, speed, sound button, etc. Cursor flashing position is the parameter to be revised. Press UP or DOWN to adjust the data. It can be master unit.

For example: LCD displays"4.FADE S010 A:N"

4.FADE: NO.4 function, Fade

S010: Speed value 10

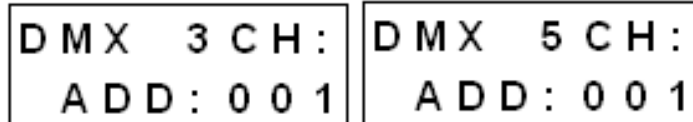
A:N: Sound Activation closed

- **AUTO RUN**



Auto Run the combination function of all sub-functions, it can be the master unit, set the Sound Activation parameter to be "N" to close the Sound Activation Mode of the sub-function.

- **DMX Address Setup:**



Address Range: 1-512, Press UP to setup address upward and DOWN to setup address downward. There are two DMX channels for your choices: DMX 3CH & DMX 5CH

DMX 3CH Mode

- CH1: 0-255 Red Dimming Range
- CH2: 0-255 Green Dimming Range
- CH3: 0-255 Blue Dimming Range

DMX 5CH Mode:

- CH1: 0-255 Red Dimming Range
- CH2: 0-255 Green Dimming Range
- CH3: 0-255 Blue Dimming Range
- CH4: R, G, B, W General Dimming
- CH5: Strobe Speed

- **Slave Mode**



Choose Slave Mode, Synchronizing with Master unit.

- **Wireless ID Setup**



Press SETUP, UP OR DOWN at present mode to display current ID, press again to setup new ID, ID value will be added 1 more by pressing one time, ID indicator color will change according one by one.

Working Status:

- LED constant light: Showing current ID, no DMX or wireless signal
- RED LED flash: Transmitting

- Green LED flash: Receiving

ID code and LED color corresponding relationship:

- 1: RED
- 2: GREEN
- 3: RED+GREEN-----Yellow
- 4: BLUE
- 5: RED+BLUE-----Purple
- 6: GREEN+BLUE-----Cyan
- 7: RED+GREEN+BLUE-----White

**Description for LED Indicators:**

RF-ID: Tricolor LED to indicate working status and ID code.

SOUND: Sound Indicator, flash when signal is strong enough, no relationship with setup.

DMX: DMX signal indicator, flash when there is DMX signal or connected with master unit.

**User instruction and safety regulation:**

**Recommended to use:**

Read the user manual and labels on the lighting carefully before use.

Please use the unit where there is no rain.

When using, keep away of hot source, high pressure, avoid kids, never throw or hit the unit.

When not using the unit for long term, please save the unit properly in a dry place.

Please bury the used unit, never throw to fire or water.