

# Wireless DMX transmitter/receiver

## Transmitter



## Built in battery receiver



## Parameter:

Input voltage: 5V 1A

Power input: 5VDC,±5%

Power consumption: 5W

Communication distance: 600 m

working band: 2.400-2.4835GHz

Battery capacity: 750 mA

Charging time: 3 hours

Use time: 20 hours

Receiving sensitivity: -94dBm

DMX signal interface: RS485

Reliability: Auto restart timer: Built-in WDT

System information: CPU: 32-bit ARM core

Operating temperature: -40 ~ 85 ° C, 5 ~ 95% RH humidity

storage temperature: -65 ~ 150 ° C, 5 ~ 95% RH humidity

Control mode: controlled by DMX512 console. The transmitter is plugged into the dmx console, the receiver is plugged into the fixture

Service life: 10 years

## **Operating Instructions:**

1. Receiver: Press and hold the touch switch, wait for it to turn on, then press and hold the touch switch again to turn off.

Transmitter: It will automatically turn on after being powered on. Touch switches can be used for power on and off.

2. The device can be divided into 20 groups of IDs, with the same number set for each group of transmitters and receivers. 20 transmitters can be used simultaneously.

3. When the transmitter and receiver are connected to the signal, the signal indication will flash. (If there is no flashing, the transmitter and receiver are not connected successfully)

4. Battery powered receiver: Charge for 3 hours. The usage time is 20 hours.

### **Scope of application:**

stage lighting, large-scale cultural performances, stadium lighting, temporary stage performances, city lighting system, television

TV stations, conference centers, professional theaters, theme parks, dance halls, bars and small cultural performances, etc.

#### FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

#### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.