Wireless DMX 512 System

DMX Wireless

USER MANUAL

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This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

CE FC

Product Profile:

DMX512 wireless receiver/transmitter transmits standard DMX512 protocol data by wireless way, which solve lighting control issues of wireless transmitting completely between lighting controller and lighting, lighting and lighting and so on. It gets rid of relying on connecting cables completely. And also can ensure without any time delay when signal data is real time and reliable. This product adopts global free 2.4GHz ISM frequency band. High effective GFSK modulation, communication design is 126 channels jumping frequency, high anti-jamming ability.
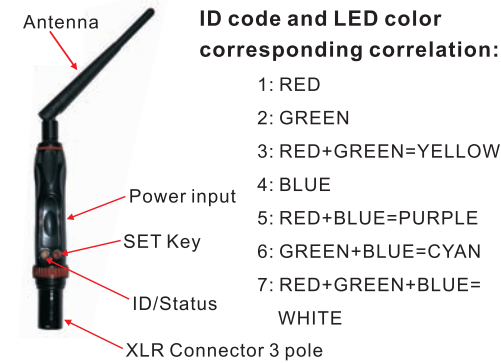
Application:

Stange lighting Disco hall Large literature performance Gymnasium lighting Temporary stage performance City lighting system TV station Conference center Professional showplace Theme parks Bar lighting and so on.

Product Outline

Antenna

Power input

SET Key

ID/Status

XLR Connector 3 pole

ID code and LED color corresponding correlation:

1: RED
2: GREEN
3: RED+GREEN=YELLOW
4: BLUE
5: RED+BLUE=PURPLE
6: GREEN+BLUE=CYAN
7: RED+GREEN+BLUE= WHITE

Produce Feature:

* Tricolor LED displaying
* 126 channels automatical jumping frequency, high anti-jamming ability to ensure working reliability.
* 7 groups ID code set table, User can use 7 groups individual wireless net without any interfere each other in the same place.
* Input voltage: 9VDC 500mA MIN
* Communication distance: 300M
* Work frequency section: 2.4GHz ISM band,126 channels frequency section.
* Receiver sensitive: -106dBm
* DMX signal port: 3 Pin plug

Operating Instructions

1. Press key 1 time to indicate ID setting, Press again to set ID, then ID value adding 1 each time by press
2. Working condition:

   LED constant lit up: NO DMX or wireless signal.

   Green LED flash: Receiving

   Red LED flash: Transmitting
3. RF frequency-----------2.400-2.525G, total 126 channels, it's searching automatically.
4. ID Code-----"1-7" groups ID code, press "SET Key" for setting, it only can works under same ID code of transmitter and receiver.

Establishing Communication:

1. Plug the receiver into the light fixture.
2. Press "SET Key" button to set same ID value of transmitted board and received board, please use different ID value if you need use more then 1group wireless net at same time in same place.
3. The red LED flashes when transmitter transmits DMX data by no interfered frequency section, then receiver changes communicated frequency section. Green LED flash till received corrected same ID value, LED flash more fast once DMX data more fast.
4. Communication was established correctly then

Caution:

Indoor use only.

One year warrenty, free repairmen except damaged artificially.

The manufacturer will not offer free service in warranty period if any repaired or uncapped had happened.

It's better to return to manufacturer if repairmen is must, don't do any repairmen unless qualified electrician.

The working condition should be under temperature -20~+45, 10~90RH, no congelation, so as to ensure it's lifetime.

It can't be covered by any superstratum, it should be swept periodical to prevent dust.