

DMX512 Wireless Receiver/Transmitter

MODEL: XRL-WI-DMX

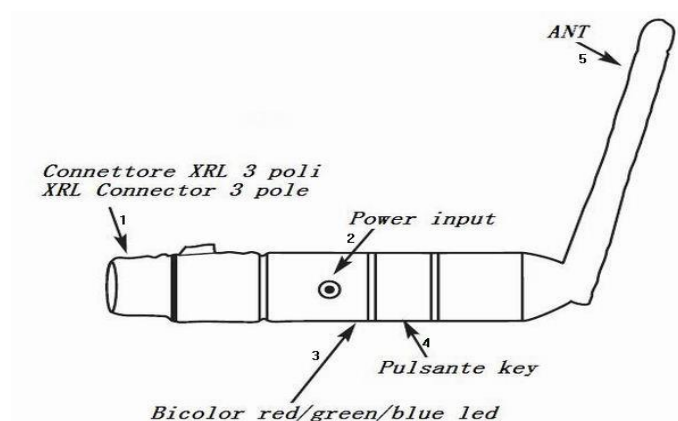
Brief:

DMX512 wireless receiver/transmitter transmit standard DMX512 protocol data (generated by console) by wireless way, which solves lighting control issues of wireless transmitting completely between console and lighting, lighting and lighting and so on, It get rid of connecting cable limited completely. And also can ensure without any time delay when signal data is transmitting, signal data is real time and reliably.

This product adopt 2.4G ISM frequency section (global opening section) without permission limited, High effective GFSK modulate communication design. 126 frequencies band, FH design, and frequency-hopping synchronization automatically.

Application:

Stage lighting、Disco hall、Large literature performance、Gymnasium lighting、Temporary stage performance 、City lighting system 、TV station 、Conference center 、 professional showplace、Topic park 、Bar lighting and so on.



1: XLR 2: Input voltage 3: Tricolor LED indicator 4: ID key 5: RF antenna

Product Feature:

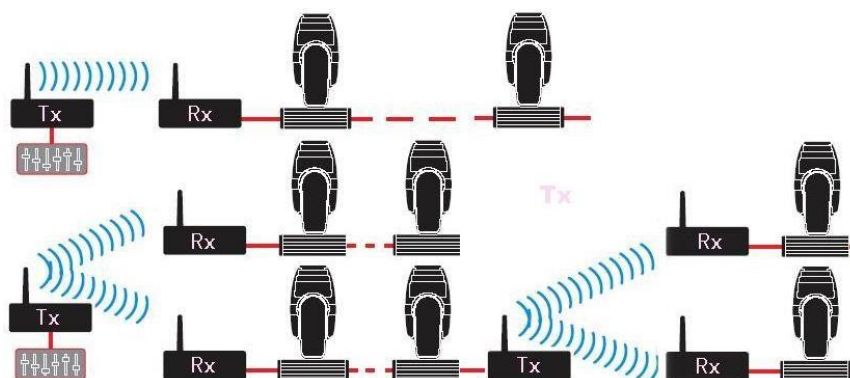
1. Transmitting/receiving standard DMX512 protocol data of console, and the master-slaver on line signal of the same kind of lighting each other.
 2. Single key to operate, tricolor LED indicator.
The LED indicator bright: No DMX or wireless signal.
Red LED flash: Transmitting.
Green LED flash: Receiving
 3. 126 frequencies band, FH design, and frequency-hopping synchronization automatically.
 4. 7 groups ID code to set these different wireless nets without any interfere each other in the same place.
- Radio parameters communication distance: 600m (open space, different depending on the environment has changed)
 - Frequency: 2,400 - 2,4835GHz, ISM, 126 RF channels
 - Modulation: GFSK
 - Maximum Transmit Power: 23dBm
 - Receiver Sensitivity: -94dBm
 - DMX Signal Interface RS485
 - Environmental Limits Operating temperature: -40°C~85°C
 - Storage Temperature: -65°C - 150°C
 - Ambient Relative Humidity: 5%~95% (non-condensing)
 - Power Requirements Power Input: 9 - 22VDC
 - Power Consumption: 70mA@12VDC max.

Establishing Communication:

1. Power on DMX512 wireless received board and transmitted board.
 2. Press "Key" button to set same ID value of transmitted board and received board. To set up different ID value if you need use more than 1 group wireless net at the same time at the same place, the group wireless net is working for the same ID code.
- a) ID Code- - - "1-7" groups ID code, press "KEY" for setting, press again to set ID, then ID value adding 1 each time by press.

ID code and LED color corresponding relationship:

ID code		Tricolor LED
1	→	red
2	→	green
3	→	red + green
4	→	blue
5	→	red + blue
6	→	green + blue
7	→	red + green + blue



- ✧ Indoor use only.
- ✧ 1 year warranty, repair, free replacement except damaged artificially.
- ✧ The working condition should be under temperature $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$, 5%~95%RH, no cover.