

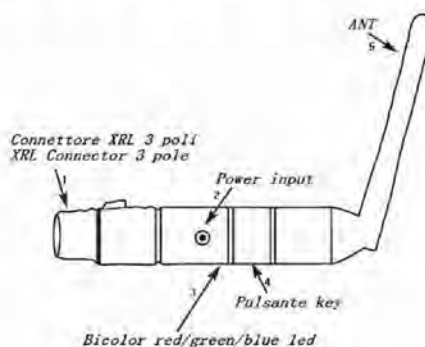
DMX WIRELESS

ITEM NO.: **DMX-WL**

INSTRUCTION OF DMX-WL-2400X

Wireless DMX512 Transmitter/Receiver can transmit the data from international standard DMX512 Console in a wireless way. It can also transmit the online data between fixtures. It actualizes the wireless data transmission from console to lamp and from lamp to lamp, it completely get out of the twisted-pair cables which we depended before. There is no time delay during the process of data transmission, data are real-time and reliable. It adopts world wide open 2.4G ISM frequency, free license. It's modulated by high efficiency GFSK, 126 channels in a hop frequency automatically, with strong ability of anti-interference.

Application field: Stage Lighting, Big Theatrical Performances, Gym Lighting, Temporary Stage Show, City Lighting System, Television Studio, Meeting Room, Professional Theatre, Theme Park, Ball Room, Bar and Small Theatrical Performances. Appearance:



Technical Data:

1. Name: 2.4G Wireless DMX512 Transmitter/Receiver
2. LED display via RGB color.
3. 126 channels with frequency hopping automatically, selecting the no interference frequency band automatically, ensure the reliability of communication.
4. 7 groups ID code optional, users can use all 7 groups independently without any interference in one area.
5. Input Voltage: 5V DC, 500mA MIN
6. Communication Distance: 400M(Open area, depends on using environment)
7. Working Frequency: 2.4G ISM, 126 frequency band.
8. Maximum transmit power: 20dBm
9. Sensitivity of Receiving: -94dBm
10. Interface of DMX Signal: 3pins female connector

Operation Instruction:

1. Corresponding relationship between ID Code and LED Color:

● 1: Red-----Red	● 5: Red+Blue-----Purple
● 2: Green-----Green	● 6: Green+Blue-----Cyan
● 3: Red+Green-----Yellow	● 7: Red+Green+Blue-----White
● 4: Blue-----Blue	
2. Pressing the button once, it represents the current setting; press again, then enter into ID setting. The ID number increases by one with each click.
3. Working State:
 - LED ever on: No DMX or Wireless DMX signal
 - Red LED flashing: Transmitting
 - Green LED flashing: Receiving
4. Radio Frequency: -----2.400-2.525G, total 126 frequency band, automatically choose, no need to set.
5. ID Code: ----"1-7" group ID Code can be adjusted via button "KEY". Communication can only be established when transmitter and receiver have same ID code.

Establishment of Communication:

1. Plug in the power for transmitter and receiver
2. Set the ID of the transmitter and receiver at the same code by pressing the "KEY". The ID for each independent network should be different if you want to use more than one group wireless network.
3. After getting the DMX data, the transmitter will transmit the data by choosing the no-interference frequency band, the RED LED will flash. The receiver will change the band of communication until it gets correct data of the same ID code, and the green LED will flash. The quicker the DMX data transmits, the faster the LED flashes.
4. The communication is established.

Notes:

1. Indoor using
2. Products can be replaced and repaired for free during one year if defects are not caused by human.
3. Products, opened or repaired privately, could not be replaced or repaired for free even if still in warranty period.
4. Private repair is forbidden, you can send the products to manufacturer if they need to be repaired.
5. Working environment should be -20°C ~ +45°C, 10%~90%RH, no congelation, to ensure the lifespan of the product.
6. Transmitter/receiver should not be covered by any goods. Clear the products constantly to avoid accumulation of dust.