

# 1024 channels DMX wireless system manual

MODE: HD-208



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Thank you for using our wireless DMX system which include one transmitter and one receiver at least. Of course you can use one transmitter and more receivers. There could be at most 1024 channels. Frequency range is 2.4G-2.524 GHz and work distance is 300 m max. Far distance and steady and little transmit delay are advantage. Please read this manual careful before you attempt to use it.



### Technique data:

Power input: DC 9 V / 500 mA

Transmit distance: 300 m (open field)

Carrier frequency: 2.4 GHz ISM

Transmit power: +20 dBm

Signal input: standard DMX512

Channel input: 1-1024 (A +B)

Channel output: 512 x2 (A+B)

XLR 3PIN connector

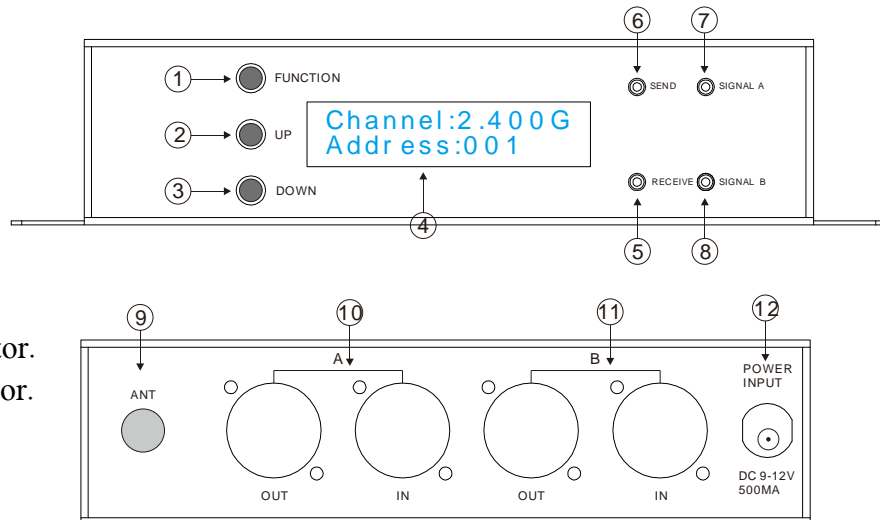
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**Panel function:**

1. Function.
2. Up.
3. Down.
4. LCD display.
5. Receiver indicator.
6. Transmit indicator.
7. Receiver DMX in A indicator.
8. Receiver DMX in B indicator.
9. Antenna.
10. DMX input for A.
11. DMX input for B.
12. Power input.



**Operation**

Set up for transmitter:



Push Function button until you see MODE appear on LCD then push UP or Down to select SEND and now the transmit indicator will light up. It means this unit is transmitter.

**Set up for receiver:**



Push Function button until you see MODE appear on LCD then push Up or Down to select SEND and now the receiver indicator will light up. It means this unit is receiver.

Set up

**Set up carrier frequency:**



Push Function button until Channel: (xxx) on LCD then use Up or Down to select Channel: (001)-channel (125) which corresponding carrier frequency from 2.400G-2.524G. total is 125 frequency ranges.

Note: you should set up same frequency range for transmitter and receiver.

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**Set up address for transmitter and receiver:**

Address: (000)  
AA.55.AA.55.00

Push Function button until Address: (xxx) on LCD then use Up or Down to select Address: (000) – Address: (255) which corresponding address AA.55.AA.55.00 – AA.55.AA.55.FF.

Note: you should set up same address for transmitter and receiver.

Auto find signal  
ON

Auto find signal  
OFF

**Auto search signal:**

In Receiver mode push Function button until Auto find signal on LCD, then use Up or Down to select ON. If there are no signals in memory the unit will search for signal automatically until it find signal and remember frequency and address in memory. This frequency and address will be priority to use when you use is again.

If you select OFF it means you will search for signal by hand:

1. In transmit mode about 10 seconds the LCD will appear:

Channel:2.400G  
Address:000

It is transmit frequency and address. Receiver must be same frequency and address to work.

2. In receiver mode about 10 seconds the LCD will appear:

2.400G (000)  
[No Signal]

which means not receive right signal.

Which means receive right signal. There are 10 signal marks. More marks mean stronger signals.

Stronger signals mean faster speed.

2.400G (000)  
[\*\*\*\*\*]

3. In Auto find signal  
You will see

Auto find signal  
ON

2.400G (000)  
[Auto Find]

The data is adding which means in search. When it catch right signal it will appear.

2.400G (000)  
[\*\*\*\*\*]

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## Attention:

1. Please avoid using this system in closed places and in a humid environment.
2. The same frequency and address should be used in both transmitter and receiver.
3. Antenna should be vertical to connector.
4. Between transmitter and receiver it is better have not building and metal wall.
5. You can adjust antenna direction to get good signal intensity.
6. Signal A & B light up and flash it means there are DMX input and output. Signal A & B off means no DMX signal.