Декодер LT-DMX-2.4G
(5-24V, 100-480W, Wireless)

warranty 5 years

ISO9001:2008

LT-DMX-2.4G 4CH CV DMX decoder with OLED display, receiving standard DMX512 protocol data wirelessly. use with our LT-DMX-2.4Gwireless transmitter, supporting point to point, point to multi-point Network structure. A transmitter can configure multiple receivers as long as they use the same frequency, self-testing function also available.
Adopt 2.4GHZ global open ISM frequency channel, 64 groups wireless network can be chosen independently to avoid interference.

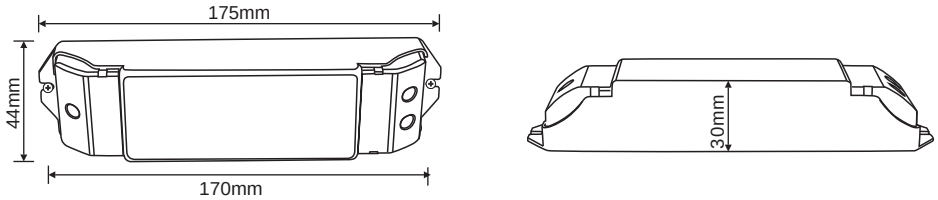
use relay settings or connect to Booster Antenna to further the communication distance.

1. Technical Specs:

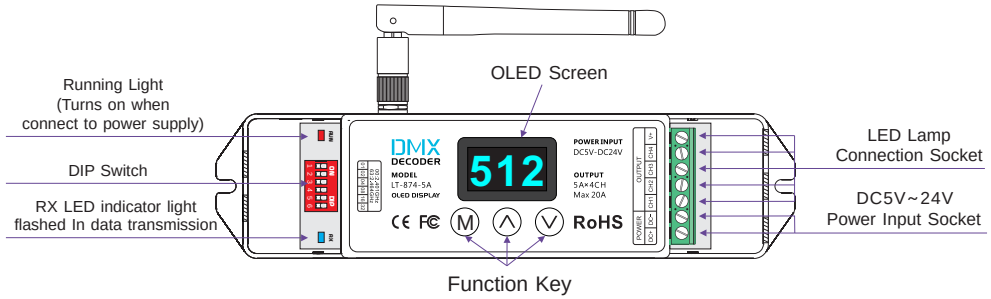
LT-DMX-2.4G

- Matched Wirless Transmitter: LT-870
- Receiving Wireless Signal: DMX512
- Input Voltage: DC5V-DC24V
- Max Load Current: 5A×4CH Max 20A
- Max Output Power: 100W/240W/480W/(5V/12V/24V)
- Working Frequency Channel: 2.4GHz ISM 64 channels
- Receiver Sensitivity: -96dBm
- Communication Distance: 350m
- Working Temperature: -20℃～55℃
- Dimension: L175×W44×H30mm
- Package Size: L178×W48×H33mm
- Weight (G.W): 120g

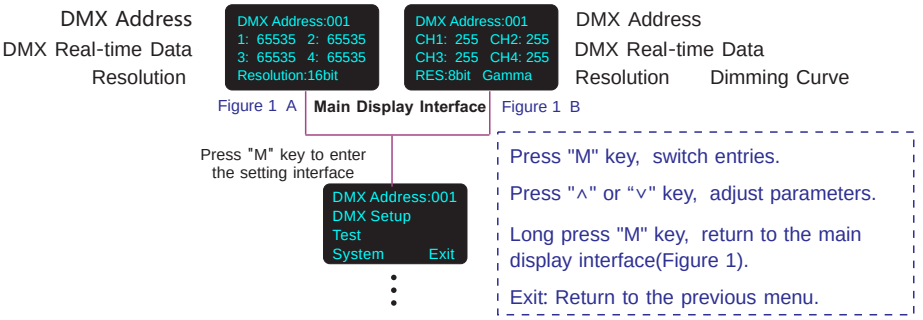
2. Product Size:



3. Configuration Diagram:



3. OLED Screen Interface Diagram:



Please refer to the OLED display for the detailed information.

DMX-2.4G will run the test scenes only when you enter "self-test" interface.

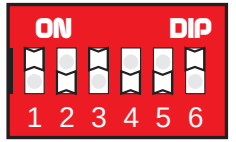
Screensaver enable time: undo for 2 min in the main display interface (Figure 1).

[Restore the default parameters] In the main display interface(Figure 1) Long press "M"/" "/" "
3 keys simultaneously, LT-DMX-2.4G will restore the default parameters, and the screen display Device restore default" for 2s, then it will return to the main display interface (Figure 1)

5. Dip Switch Operation:

Dip Switch(1st to 6th): 64 frequency option(2401-2464MHz), Frequency interval: 1MHz (As following table).

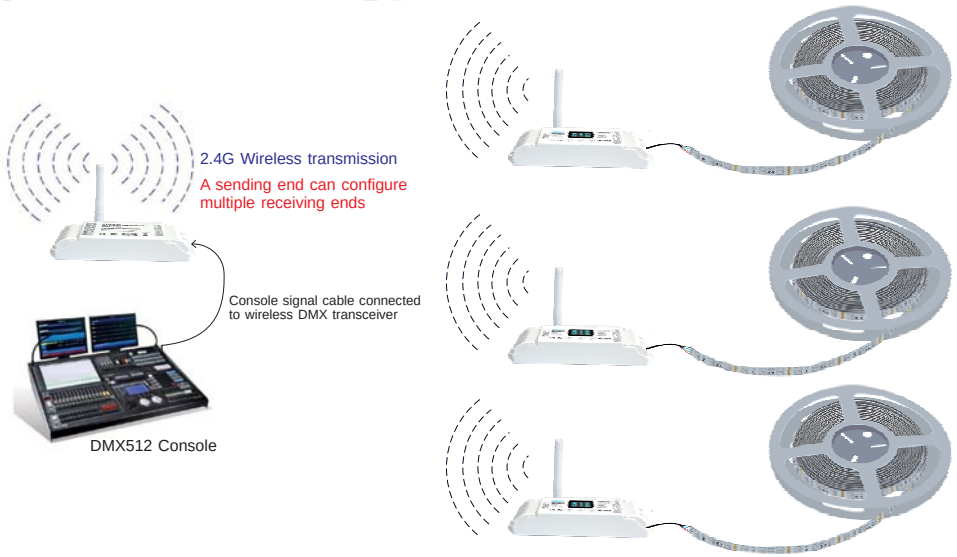
DIP	1	2	3	4	5	6
Value	001	002	004	008	016	032
Remark	Frequency value = the total place value amount of 1-6 dip switch+2400, put the dip switch to ON position, user can get its place value, put dip switch to OFF position, its place value is 0.					



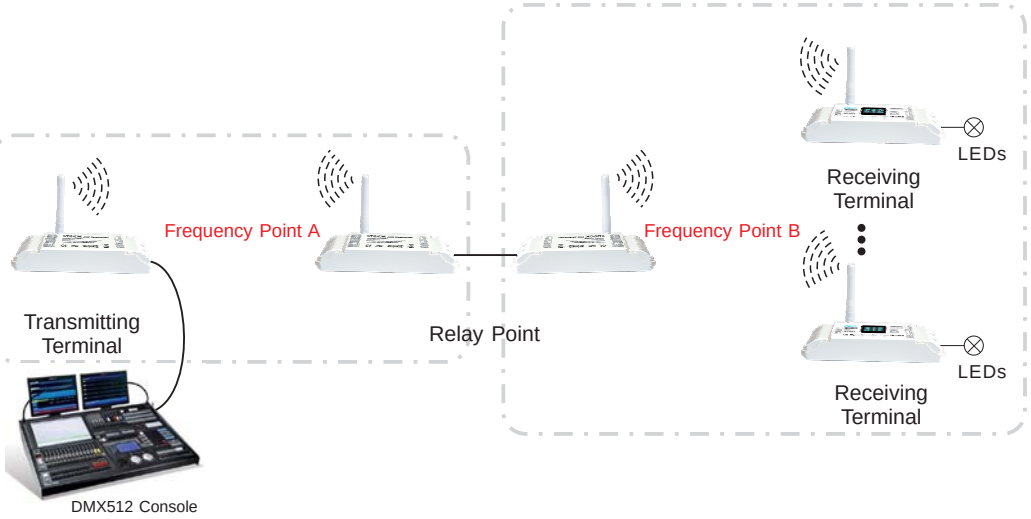
(Figure 2)

Example, As figure 1, the repeater frequency is 2437M, set the 1st, 3rd , 6th dip switch to "1", the rest to "0", the Value summation from 1-6 is 1+4+32=37, so the repeater frequency is 37+2400=2437M.

6. Conjunction Diagram:

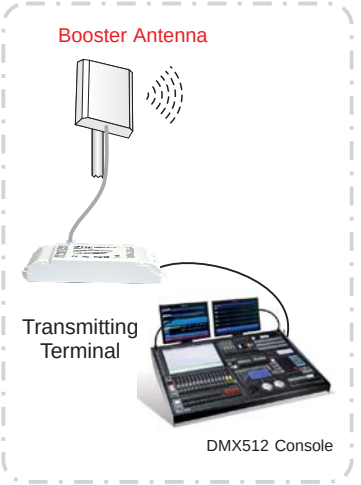


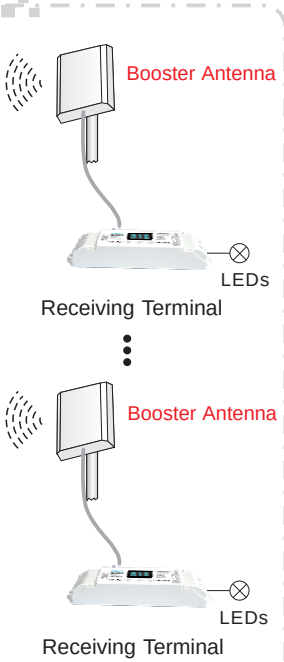
7. Relay Way to Extend the Communication Distance:



8. Extend the Communication Distance by Boost Antenna:

【Attn】Please install the Booster Antenna in high open place.
the communication distance can up to 1000-2000 meter generally.





9. Attention:

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

10. Warranty Agreement:

1. We provide lifelong technical assistance with this product:
   - A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
   - For faults beyond the 5-year warranty we reserve the right to charge for time and parts.
2. Warranty exclusions below:
   - Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
   - The product appears to have excessive physical damage.
   - Damage due to natural disasters and force majeure.
   - Warranty label, fragile label and unique barcode label have been damaged.
   - The product has been replaced by a brand new product.