

## 4 × 5A DMX WIRELESS DECODER RECEIVER

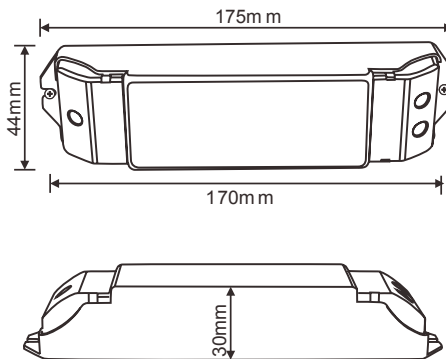


CODE  
BL-PC-LT8745A

### FUNCTION

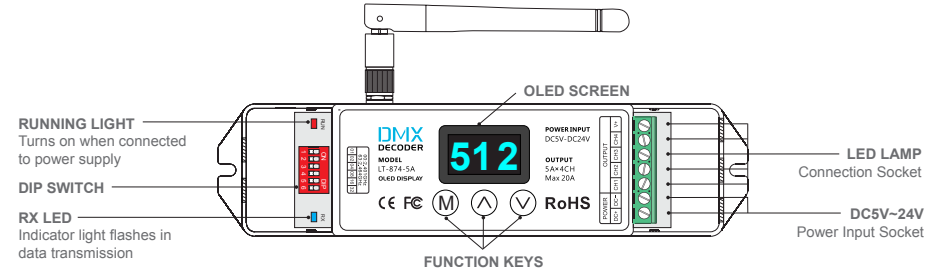
- Frequency of 2.4GHz ISM 64 channels, up to 300 metres
- DMX control for single colour, Tuneable white, RGB, and RGBW LED ribbon strip or other constant voltage luminaires
- One receiver is required to be used with each transceiver (BL-DMX-104)
- Ideal for retro fit applications where cable installation is a challenge
- Digital addressing

### DIMENSIONS

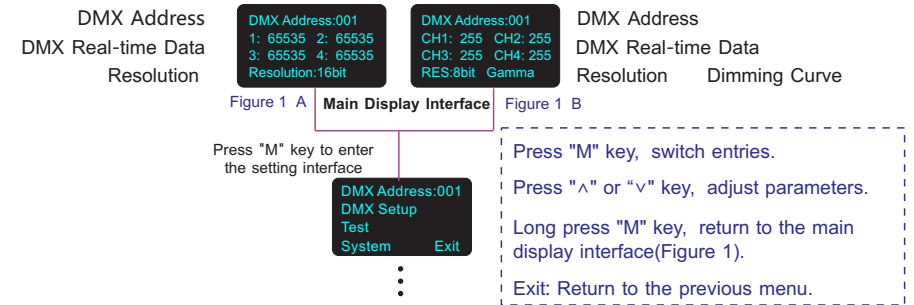


OUTPUT CURRENT	MAX. LOADING	VOLTS
	100W	5V DC
4 × 5A channels (20A)	240W	12V DC
	480W	24V DC
DIMENSIONS	W44 × L175 × H30mm	
HOUSING	PVC casing	
MOUNTING	2 × mounting tabs	
WARRANTY	5 years	
COMPLIANCE		
OPERATING TEMP.	-30°C ~ +55°C	
INGRESS PROTECTION	Indoor use only	
CONNECTION METHOD	Concealed screw terminals	
CONTROL	Requires DMX 512 signal from transceiver (BL-DMX-104)	
MAX. DISTANCE FROM POWER SUPPLY	Recommended under 10 metres <i>For specific projects contact Bright Light</i>	

### DETAIL DIAGRAM



### OLED SCREEN INTERFACE DIAGRAM



Please refer to the OLED display for the detailed information.

LT-874-5A will run the test scenes only when you enter "self-test" interface.  
Screensaver enable time: undo for 2 min in the main display interface (Figure1).

### Restore the default parameters:

In the main display interface (Figure1), long press "M" / "^" / "v" 3 keys simultaneously. LT8745A will restore the default parameters, and the screen will display "Device restore default" for 2 seconds, then return to the main display interface.

### DIP SWITCH OPERATION

Dip Switch (1st to 6th): 64 frequency option (2401–2464MHz), Frequency interval: 1MHz

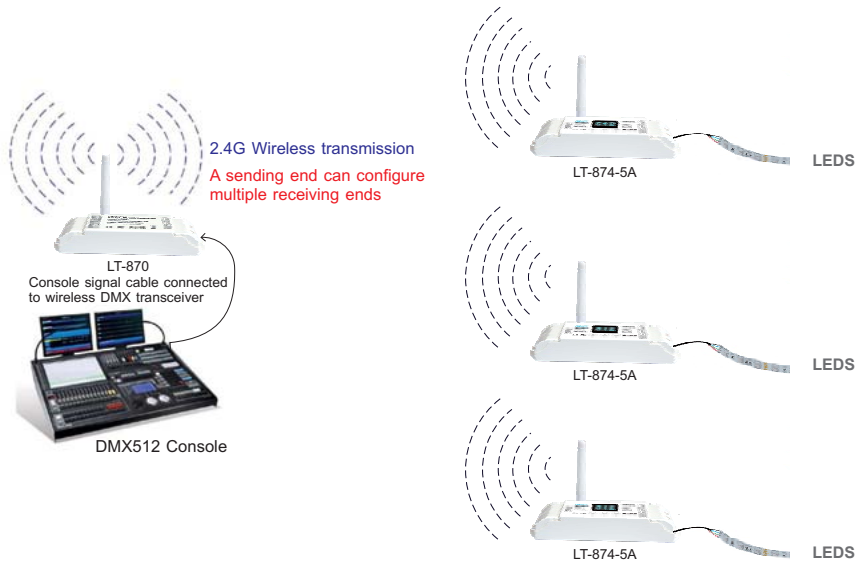
DIP	1	2	3	4	5	6
VALUE	001	002	004	008	016	032

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.

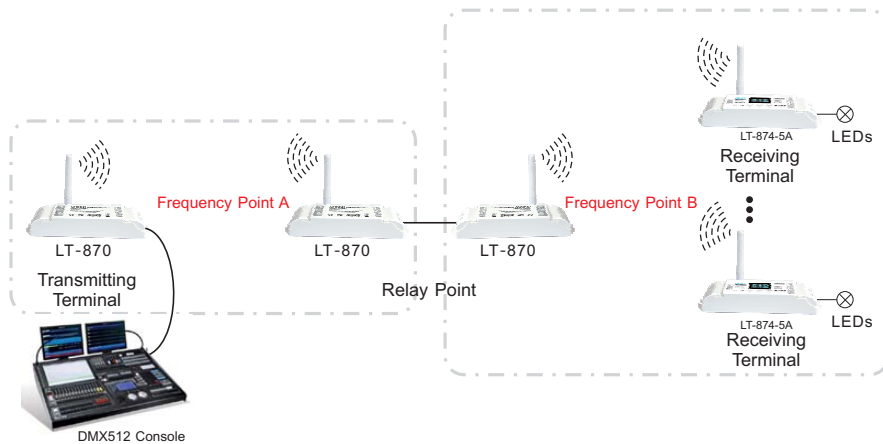


(Figure2)

**WIRELESS DIAGRAM**

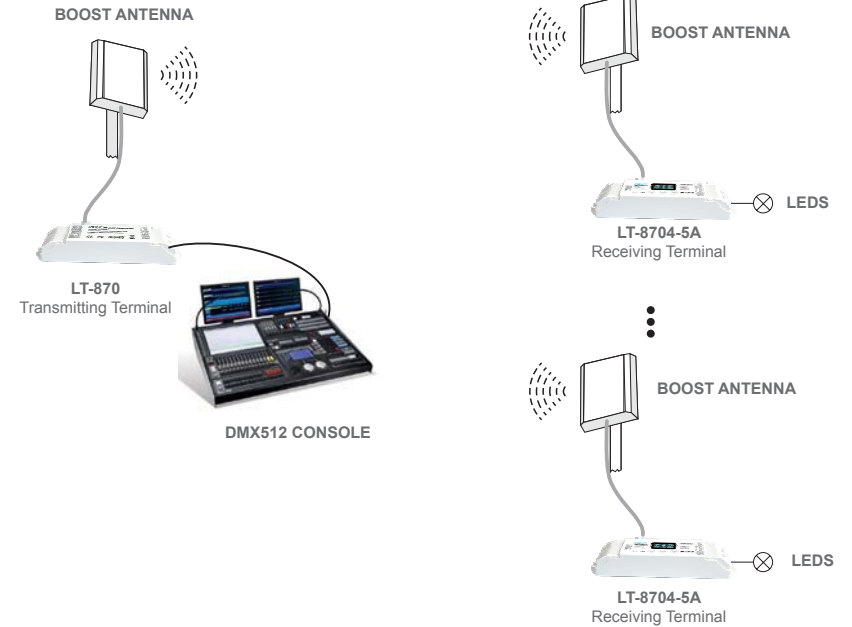


**RELAY WAY TO EXTEND THE COMMUNICATION DISTANCE**



**EXTEND THE COMMUNICATION DISTANCE BY BOOST ANTENNA**

Install the Booster Antenna in a high open place.  
Communication distance can be up to 1000-2000 metres



**ATTENTION:**

- The product shall be installed and serviced by a professional electrician.
- This product is not waterproof & cannot be installed outdoors, use IP65 box if required for outside use.
- Good heat dissipation on will prolong the working life of the repeater, please ensure good ventilation.
- Please check the output voltage of any power supply used complies with the working voltage of the LED product used.
- Ensure an adequate sized cable is used from the controller to the LED lights to carry the current, please also ensure the cable is secured tightly in the connector.
- Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- If a fault occurs please return product to your supplier. Do not attempt to fix this product yourself.