

LTECH

DMX512 DECODER

LT-995

5
CHANNELS

8 bit / 16 bit
3 kinds of DMX interfaces
OTP/OC/SCP protection



Photoelectric
isolation



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Product Introduction:

1. Designed with 5 channels output, and Max. 6A current per channel, up to 720W output power.
2. Easy operation with digital display and the touch buttons.
3. Support 3 kinds of DMX ports : 3-pin XLR, RJ45, green terminal.
4. With RDM remote management protocol, the operations can be completed via the RDM master console, such as parameters browsing & setting, DMX address setting, equipment recognition, etc.
5. With firmware upgrade function.
6. With short circuit / over-heat / over current protection, as well as warning function when fault.
7. With fast self-testing function.
8. High/low PWM frequency for optional
9. 16bit (65536 levels) / 8bit (256 levels) grey level optional.



3-pin XLR



Photoelectric
isolation



RJ45



RDM



Short circuit
protection



Over-heat
protection



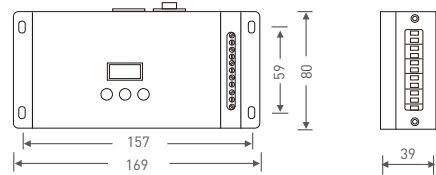
Over current
protection

Technical Specs:

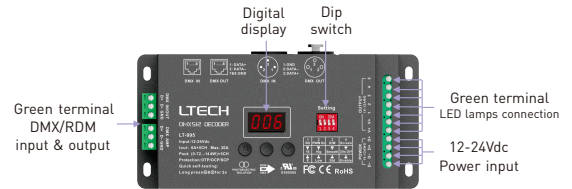
Model:	LT-995
Input Signal:	DMX512/RDM
Input Voltage:	12-24Vdc
Current Load:	6A × 5CH Max. 30A
Output Power:	[0~72W...144W] × 5CH Max. 720W
DMX Interface:	3-pin XLR, RJ45, green terminal
Grey Level:	8bit (256 levels) / 16bit (65536 levels)
Photoelectric Isolation:	Yes
Protection:	Short circuit / Over-heat / Over current protection, recover automatically.
Working Temperature:	-30°C~65°C
Dimensions:	L169×W80×H39mm
Package Size:	L182×W91×H41mm
Weight (G.W.):	550g

Product Size:

Unit: mm



Main Component Description:



Digital display



- Digital display will enter the locked mode without operating after 15S.
- Long press "M" key to unlock.
- Short press "M" key to switch numbers.
- Press "▲""▼" key to adjust value.

Dip switch



1 Bit	2 PWM Hz	3 DIM	4 Screen
16	Hig	Smooth	30S off
8	Low	Std	Enable



3-pin XLR

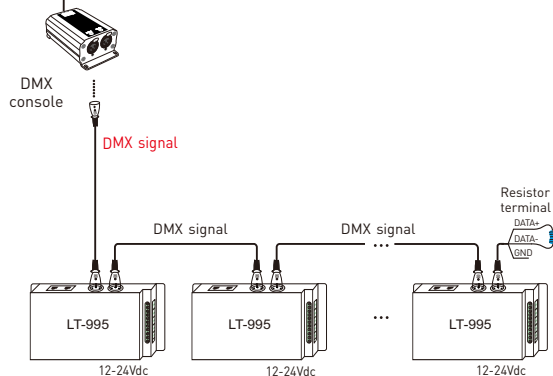
RJ45

Wiring Diagram:

1. DMX console connection:

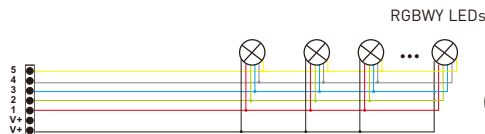
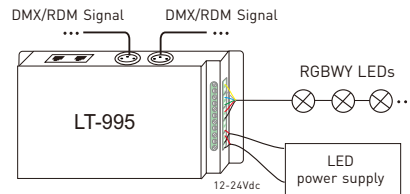
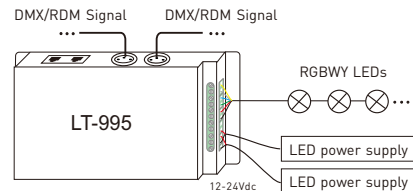


LT-995 is equipped with 3 types DMX terminals for users' selection. The following diagram takes 3-pin XLR as an example, same connecting method for the rest two: RJ45 & green terminal (with amplifier function).

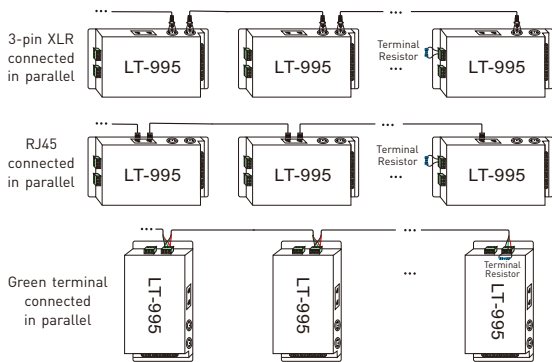


* If the recoil effect occurs because of longer signal line or bad line quality, please try to connect 0.25W 90-120Ω terminal resistor at the end of each line.

2. Connecting LED lights:



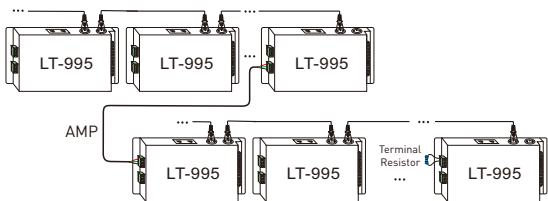
3. The connection diagram of 3 kinds of DMX/RDM terminals:



These 3 terminals can be connected in a mixed way.

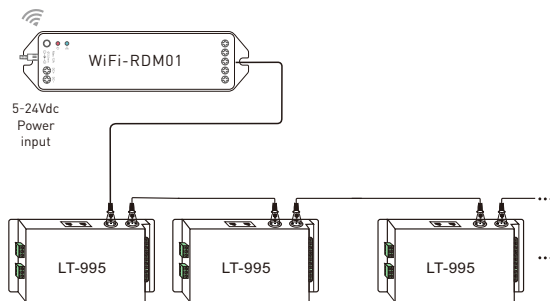
4. The connection diagram of AMP signal amplifier terminal:

- * Connecting with green terminal or an extra amplifier will be needed when more than 32 decoders are connected or use overlong signal line (as shown below). Signal amplifier should not be more than 5 times continuously.



Work with RDM editor:

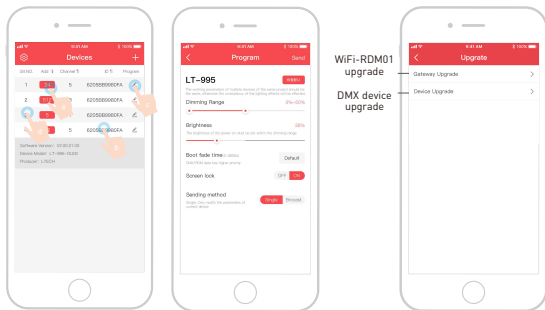
LT-995 can work with LTECH RDM editor (Model: WiFi-RDM01) to realize changing the parameters by long-range setting, wiring diagram as below:



RDM editor App interface instruction

Download the App, setting LT-995 parameters (dimming range, brightness, boot fade time etc.) after well connecting the RDM editor, more details, please check the manual of WiFi-RDM01.

Well installation of products first, then working with WiFi -RDM01 to realize setting parameters and firmware upgrade by App.



- a: click "Add", edited the address in corresponding box.
- b: Click "ID", get more product details.
- c: Click "⌨", enter edited interface
- d: Click "No.", issue the recognizing command.

WiFi-RDM01
upgrade
DMX device
upgrade

Supporting WiFi-RDM01
upgrade and DMX driver
upgrade.

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact your supplier if any question.