IDMX512 DECODER

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LT-904
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8 bit / 16 bit 2 kinds of DMX interfaces Shortcut / Over current protection





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Product Introduction:

1. Designed with 4 channels output, and Max. 6A current per channel, up to 576W output power.

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- 2. Easy operation with digital display and the touch buttons.
- 3. Support 2 kinds of DMX ports: 3-pin XLR, RJ45.
- 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 shortcut protection and over current protection, as well as warning function when fault.
- 6. With fast self-testing function.
- 7. High/low PWM frequency for optional
- 8. 16bit (65536 levels) / 8bit (256 levels) grey level optional.

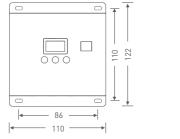


Technical Specs:

Model:	LT-904	Protection:	Shortcut / Over current
Input Signal:	DMX512/RDM	Working Temp	.:-30°C~65°C
DMX Interface	: 3-pin XLR, RJ45	Dimensions:	L122×W110×H37mm
Input Voltage:	12~24Vdc	Package Size:	L127×W123×H41mm
Current Load:	6A × 4CH Max. 24A	Weight (G.W.):	550g
Output Power:	(0~72W144W) × 4CH		
	Max. 576W		
Grey Level:	8bit (256 levels) / 16bit (65536 levels)		

Product Size:

Unit: mm





Main Component Description:



Digital display

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

Signal indicator



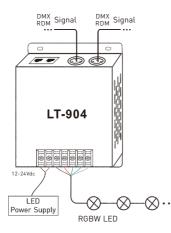
3-pin XLR RJ45 DMX/RDM DMX/RDM input & output input & output

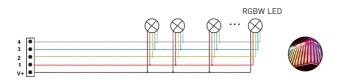
			łА
1	L	1	1
			H
1	2	3	2

[1	2	3	4
Bit	PWM Hz	DIM	Screen
т	T	T	Т
16	Hig	Smooth	30S off
1 A -	- A	- A.	÷.
8	Low	Std	Enable

Wiring Diagram:

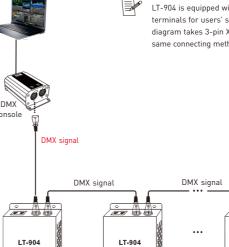
1 Connecting LED lights:



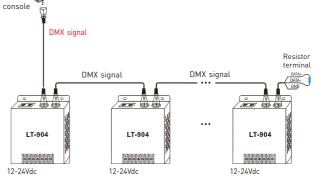


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2. DMX console connection:



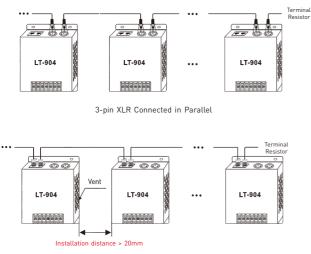
LT-904 is equipped with 2 types DMX terminals for users' selection. The following diagram takes 3-pin XLR as an example, same connecting method for RJ45.



* An amplifier is needed if more than 32 decoders are connected or use overlong signal line, signal amplification should not be more than 5 times continuously.

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

3. The connection diagram of 2 kinds of DMX/RDM terminals:



RJ45 Connected in Parallel

These 2 terminals can be connected in a mixed way.

Installation Attention : please reserve enough ventilation distance between decoders (>20mm), be sure not to block the vent, or will affect lifetime of decoder for poor heat dissipation.

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