

LTECH

DMX512 DECODER

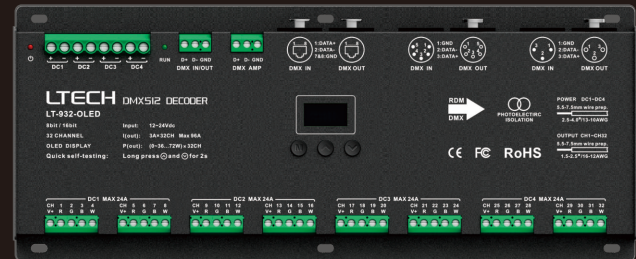
LT-932-OLED

32
CHANNEL

OLED display
8 bit / 16 bit
4 wiring methods
Dimming Curve: 0.1~9.9
Shortcut / Over load protection



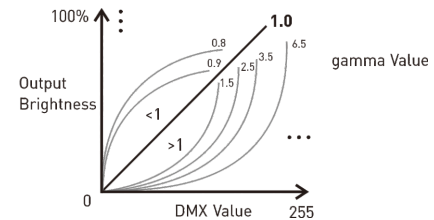
Photoelectric
Isolation



www.ltech-led.com

Product Introduction:

1. Designed for Hi-power multiple channels application, 32 channels output, and Max. 3A current per channel, up to 2304W output power.
2. Easy operation with OLED screen and the touch buttons.
3. 4 kinds of mode optional: single color, color temperature, RGB, RGBW.
4. Support 4 kinds of DMX ports with signal isolation function: 3-pin XLR, 5-pin XLR, RJ45 and green terminal (with signal amplifier function).
5. 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.
6. With photoelectric isolation function.
7. With shortcut protection and over load protection.
8. With fast self-testing function
9. 16bit / 8bit resolution and multiple dimming curve optional.



3-pin XLR



5-pin XLR



RJ45



RDM

Photoelectric
IsolationShortcut
ProtectionOver load
Protection

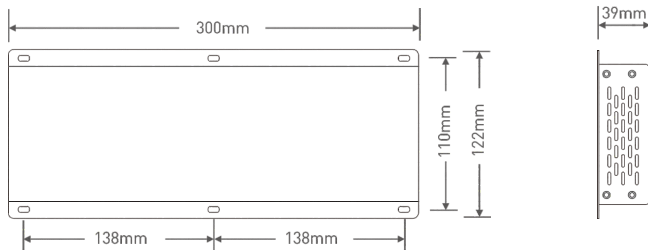
Display

Technical Specs:

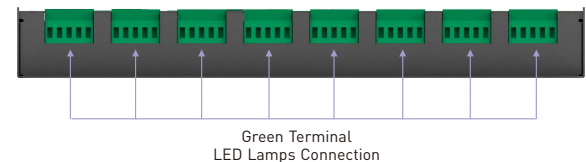
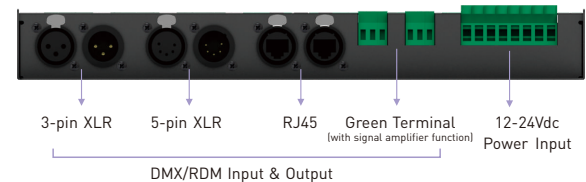
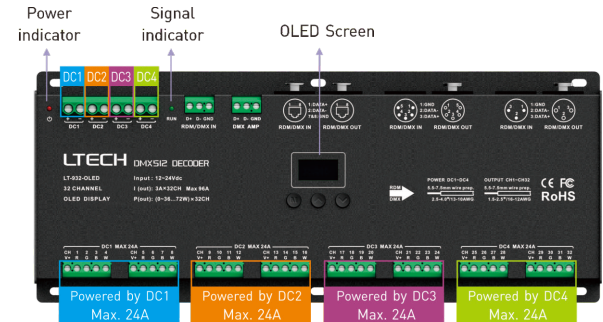
Model :	LT-932-OLED
Input Signal :	DMX512/RDM
Input Voltage :	12~24Vdc
Current Load :	3A x 32CH Max 96A
Output Power :	(0~36W...72W)x 32CH Max 2304W
DMX Interface :	3-pin XLR, 5-pin XLR, RJ45, Green terminal
Control Mode :	Dimming/CT/RGB/RGBW
Dimming Curve :	0.1~9.9
Grey Level :	8bit(256 levels) / 16bit(65536 levels)
Photoelectric Isolation :	Yes
Protection:	Shortcut / Over load
Working Temperature :	-30°C~55°C
Dimensions :	L300×W122×H39mm
Package Size :	L309×W127×H41mm
Weight (G.W.) :	1150g



Product Size:



Main Component Description:



OLED Screen Interface:

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Main page

Press "M" key, switch entries.
Press "^" or "v" key, parameter adjustment.
Long press "M" key, back to main page.
Exit: back to previous page.

1. DMX Address Setting

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to set DMX address
Range: 1~512

2. PWM Frequency

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to switch frequency
Optional: High
Std (standard)

3. Mode

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to switch mode
Optional : Dim
CT
RGB
RGBW

4. Resolution

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to switch resolution
Optional : 8bit
16bit

5. Dimming Curve

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to switch dimming curve
Optional : Standard
Linear
0.1~9.9

6. Tool

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to enter submenu



Screen: ON+Addr
Contrast: 40%
Buzzer: ON
EXIT&v

EXIT (Press"v" key)

7. Test

DMX: 001 Hz: High
Mode: RGBW 8bit
Curve: Standard
TOOL&v TEST&v

Press "v" or "v" key to enter submenu



Brightness setting
Range: 0~255

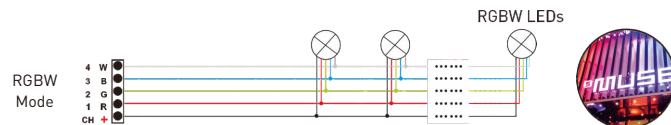
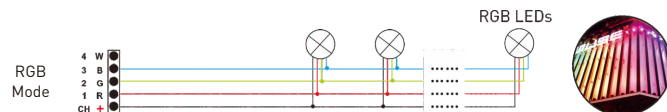
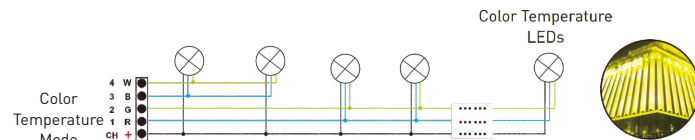
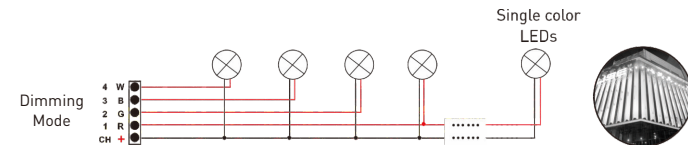
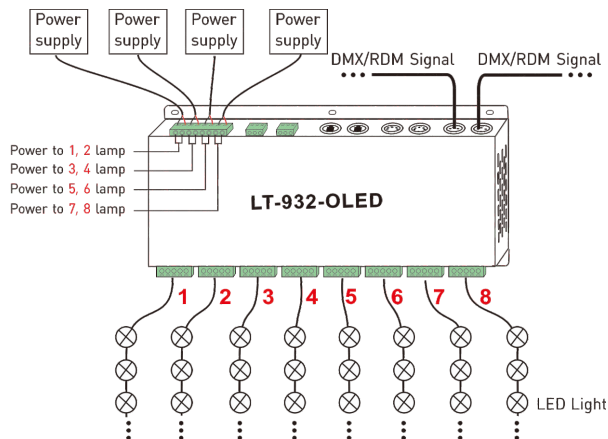
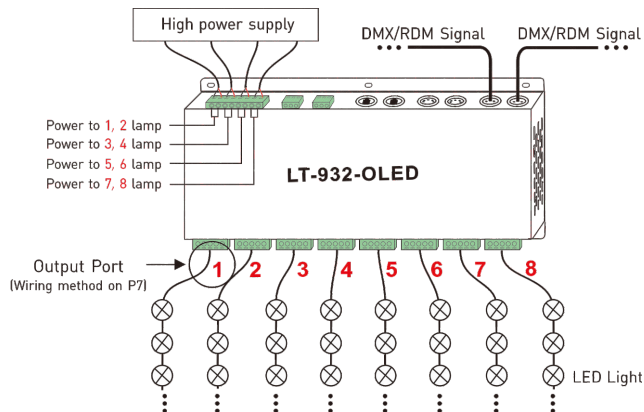
CH01: 255
CH02: 255
CH03: 255 [^&V]
CH04: 255 EXIT &V

Page turning (press"v" or "v" key)
EXIT (Press"v" key)

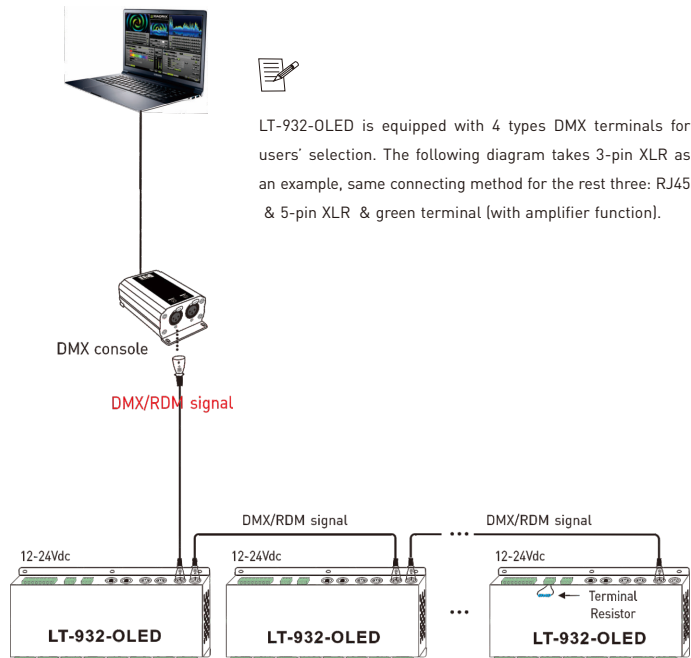
* Fast self-testing function: press "v" or "v" keys simultaneously for 2-3 seconds under any page, decoder will enter self-testing function.

Wiring diagram:

1 Connecting LED lights:



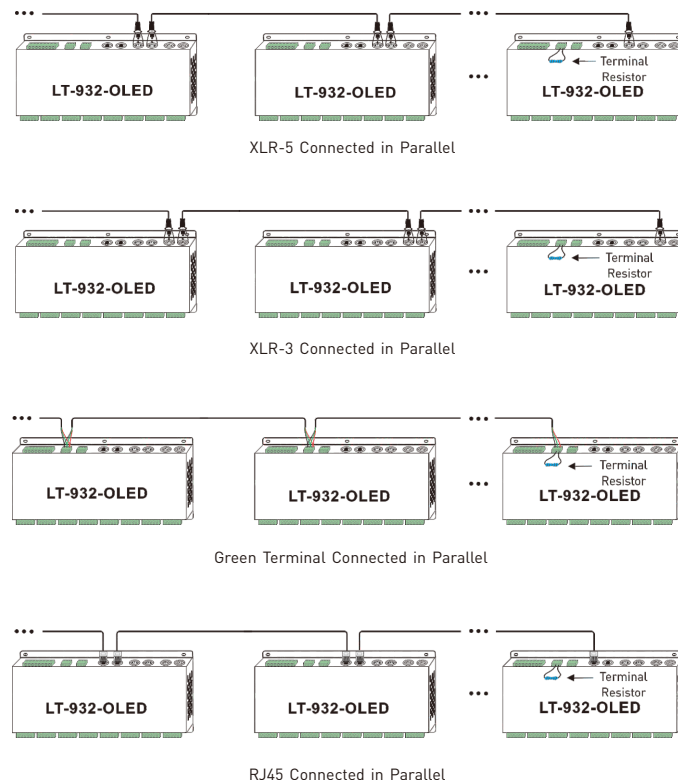
2. DMX console connection:



* 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.

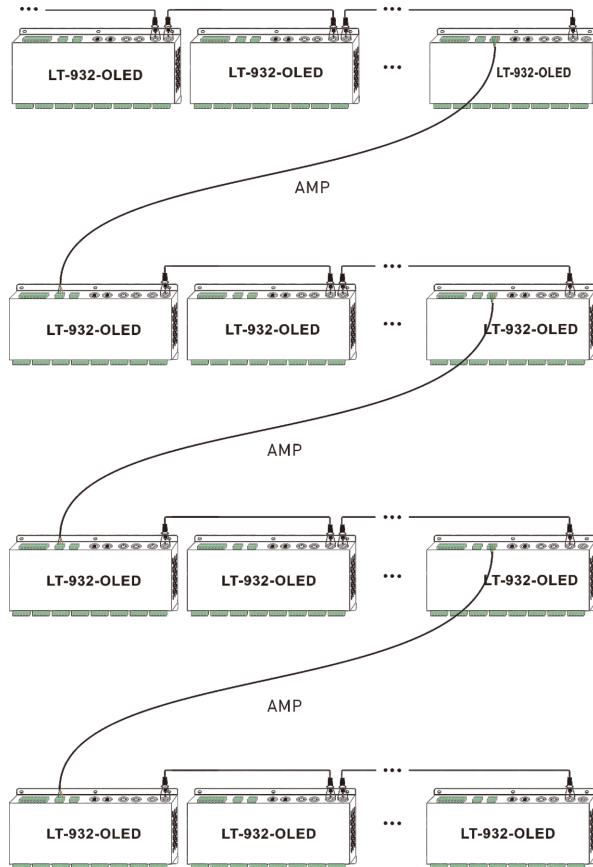
* An amplifier is needed when more than 32 decoders are connected, signal amplification should not be more than 5 times continuously.

3. The connection diagram of 4 kinds of DMX/RDM terminals:



These 4 terminals can be connected in a mixed way.

4. The connection diagram of AMP signal amplifier terminal:



* AMP interface can be used for signal amplification when too many DMX decoder are connected or signal line is too long, signal amplification should be no more than 5 times continuously.

Address setting table

Mode	DIM	CT	RGB	RGBW
Address Quantity	8	16	24	32
Resolution	8bit	8bit	8bit	8bit
Channel	1	001	001	001
	2	001	002	002
	3	001	001	003
	4	001	002	003
	5	002	003	004
	6	002	004	005
	7	002	003	006
	8	002	004	006
	9	003	005	007
	10	003	006	008
	11	003	005	009
	12	003	006	009
	13	004	007	010
	14	004	008	011
	15	004	007	012
	16	004	008	012
	17	005	009	013
	18	005	010	014
	19	005	009	015
	20	005	010	015
	21	006	011	016
	22	006	012	017
	23	006	011	018
	24	006	012	018
	25	007	013	019
	26	007	014	020
	27	007	013	021
	28	007	014	021
	29	008	015	022
	30	008	016	023
	31	008	015	024
	32	008	016	024

Mode	DIM	CT	RGB	RGBW
Address Quantity	16	32	48	64
Resolution	16bit	16bit	16bit	16bit
Channel	1	001	001	001
	2	001	003	003
	3	001	001	005
	4	001	003	005
	5	003	005	007
	6	003	007	009
	7	003	005	011
	8	003	007	011
	9	005	009	013
	10	005	011	015
	11	005	009	017
	12	005	011	017
	13	007	013	019
	14	007	015	021
	15	007	013	023
	16	007	015	023
	17	009	017	025
	18	009	019	027
	19	009	017	029
	20	009	019	029
	21	011	021	031
	22	011	023	033
	23	011	021	035
	24	011	023	035
	25	013	025	037
	26	013	027	039
	27	013	025	041
	28	013	027	041
	29	015	029	043
	30	015	031	045
	31	015	029	047
	32	015	031	047

Attention:

1. The product shall be installed and serviced by the 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 the LED power supply 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.

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 if cover 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.
 3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
 4. Any amendment or adjustment to this warranty must be approved in writing by our company only.
- ★ This manual only applies to this model. We reserve the right to make changes without prior notice.