

18X3W LED PROJECTOR RGB LTL.PL183 Operation manual



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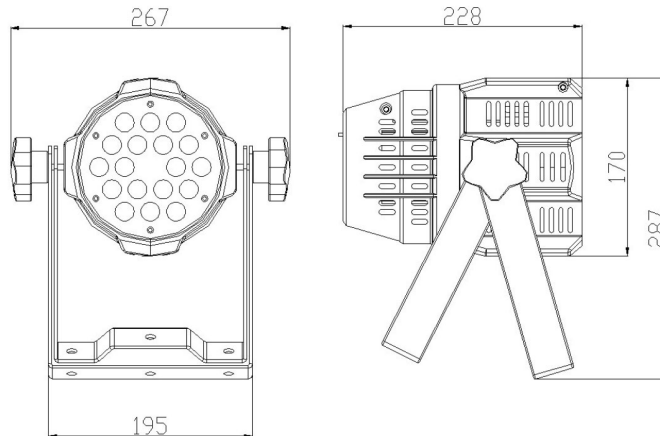
1. ABOUT THIS PRODUCT

This LTL.PL183 projecting light is made by die-casting aluminum which is able to endure high temperature, designed with a fashion form. And new body is design to support heat sink, no fans cooling, no noise. It uses high power full color 3-in-1 led and characters of long life, low consumption, high brightness and excellent color. It uses power switch, performs low weight and low consumption, stable capability and long life. The built-in program includes dimmer, strobe, gradually change, fading, sound activation and so on. International standard DMX 512 signal is requested.

2. SAFETY INSTRUCTIONS

- Befor installation, be sure the projector has any damage, caused during the ride
- This projector is made for inside or outside use but the ambient temperature must not exceed 40 °C
- Ensure that no flammable objects are near the projector (within 50cm)

3. DIMENSIONS



4. DMX FUNCTION

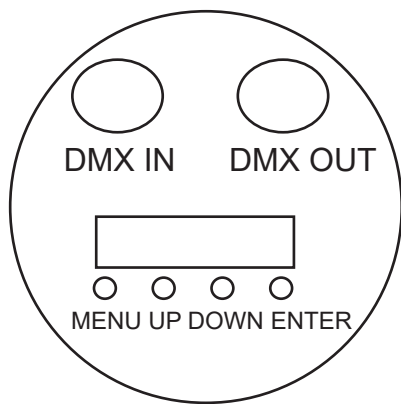
CHANNEL	VALUE	FUNCTION	PRIORITY
CHANNEL 1	0 - 255	Dimmer 0-100%	2
CHANNEL 2	0 - 255	Dimmer red 0-100%	3
CHANNEL 3	0 - 255	Dimmer green 0-100%	3
CHANNEL 4	0 - 255	Dimmer blue 0-100%	3
CHANNEL 5	0 - 14	Dimmer	2
CHANNEL 5	15 - 255	Strobe speed	2

(The 5 channel acts as speed control (0-255) when the 6channel value is between 32 and 223)

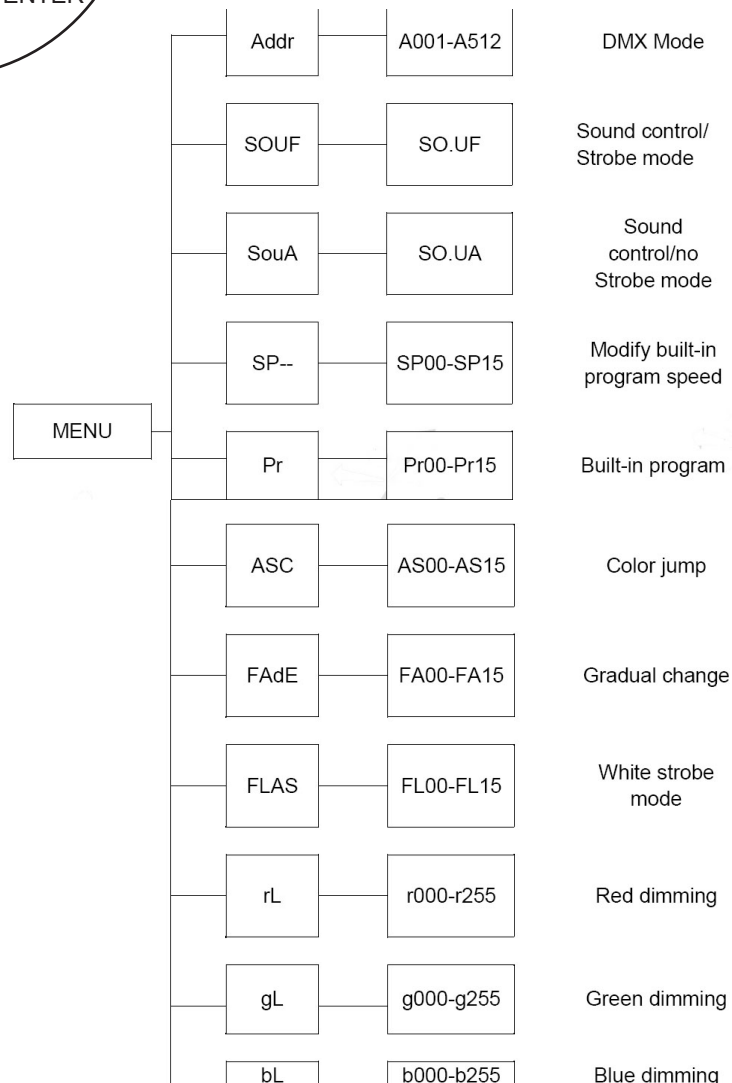
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CHANNEL	VALUE	FUNCTION	PRIORITY
CHANNEL 6	0 - 31	Invalid	
CHANNEL 6	32 - 63	Faded to light	1
CHANNEL 6	64 - 95	Light to faded	1
CHANNEL 6	96 - 127	Faded - light - faded	1
<i>(no light if the 1 - 2 - 3 - 4 channels are not used, 5 channel acts as speed controlor)</i>			
CHANNEL 6	128 - 164	RGB gradual change	1
CHANNEL 6	165 - 191	3 jumping colors	1
CHANNEL 6	192 - 223	7 jumping colors	1
<i>(5 channel acts as speed controlor and 1 - 2 - 3 - 4 - 7 channels are invalide)</i>			

5. CONTROL PANNEL AND MENU



MENU : To access to the menu or return to a previous option
UP
DOWN
ENTER : Select an option



6. OPERATION INSTRUCTIONS

1. **MENU** : Is a key designed to choose the next order. Pressing MENU, you will enter the previous menu item. You can press UP / DOWN to choose :

- Addr : DMX mode (A001-A512)
- SOU1 : Sound activated, 7 colors jumping change + strobe
- SOU2 : Sound activated, 7 colors jumping change, no strobe
- SP : Adjust the speed of program built-in (SP00-SP15, SP00 the fastest)
- Pr- - : Program built -in (Pr00-Pr15 16 programs in all)
- ASC- : 7 colors jumping change (AS00-AS15 to adjust the speed)
- FAdE : Fading in-out mode 1
- FLAS : White strobe (FL00-FL15 to adjust the speed)
- rL- - : Red dimmer (r000-r255, r255 is the brightest)
- gL- - : Green dimmer (g000-g255, g255 is the brightest)
- bL- - : Blue dimmer (b000-b255, b255 is the brightest)

2. Press ENTER to access the further menu setting. This process can be saved automatically; that means you will enter the process saved previously when you activate the light next time.

3. Details of program built inside (Pr- -)

- Pr00 : Red
- Pr01 : Green
- Pr02 : Blue
- Pr03 : Yellow
- Pr04 : Cyan
- Pr05 : Purple
- Pr06 : White
- Pr07 : Programm 1
- Pr08 : Programm 2
- Pr09 : Programm 3
- Pr10 : Programm 4
- Pr11 : Programm 5
- Pr12 : Programm 6
- Pr13 : Programm 7
- Pr14 : Mixing 1-7
- Pr15 : 7 colors jumping change

Note : Pr07- Pr15 can be used to change the content of SP – and adjust the speed of jumping. Sp00 means the fastest while Sp15 the slowest.

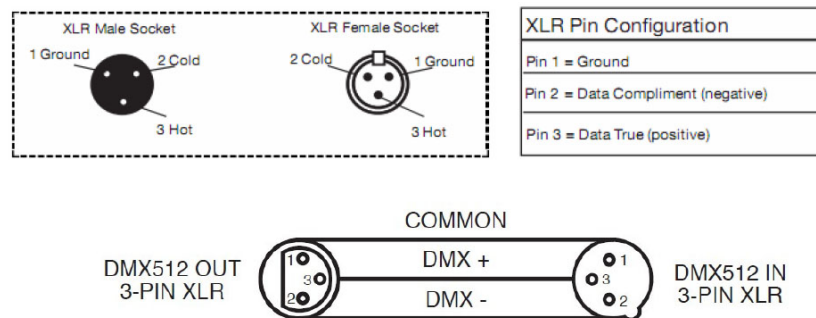
7. MASTER/SLAVE MODE

MASTER : The master should always work as a master as long as it is not set in a DMX mode whatever other modes it is. And it send out the signal so that the slave synchronous with it.

SLAVE : Adjuste the lights on SLAVE in DMX mode.

8. DMX CABLE CONNECTION

- The standard link is to connect the male connector on one side and female connector on the other side. As the below graph shows :



Note : To avoid signal transmission fault and interference, put a 120ohm (1/4W) resistance at the terminal of cable connection as below :



- 3 pin connector and 5 pin connector transfer : If your DMX 512 controller is of 5-pin connector, please use a signal cable that transfer 5-pin into 3-pin.

9. SPECIFICATIONS

- 256 colors LED, long life, low consumption
- AC 90 - 240V
- Dimmer 0 - 100%, strobe, color change effects, ...
- Auto-run, sound control, Master/Slave mode
- Beam angle : 15° - 25° - 45° - 60° (to specify when ordering)
- 6 channels
- Weight : 4kg
- Dimensions : 280 x 280 x 420 mm
- IP : IP20

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