IMRELAX 48x8W Waterproof LED Wash Light (IM-WL4808)
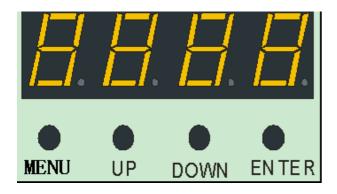
USER MANUAL

$C\epsilon$

_____LED Wash Lighting_____

Thank you for purchasing this waterproof LED wash light
Thank you for extending your trust in our technology

I. Display panel and key definition

Menu Key: Select Function

Up   key: parameter recursion

Down key: parameter decrement
Enter key: Confirm and save

II. Menu functions

Press the menu key after power on, the menu function table appears in turn; up or down key to modify the function parameters, Enter key to save the current function and parameters (save with power down memory).

Menu Function Table:：

A001	➡	A512	Up or down modify address code (A001~A512), Enter key to save.
FF00	➡	FF99	Change gradient speed up or down (FF00~FF99), enter key to save.
EE00	➡	EE99	Up or down modify the pulse rate (EE00~EE99),Enter key to save.
CC00	➡	CC99	Changes in jump speed up or down (CC00~CC99), enter key to save.
Soud	➡	Soud	Sound control mode.
R255	➡	R000	Up or down modify red light bead brightness (r000~r255), Enter key to save.
G255	➡	G000	Up or down modify green light bead brightness (G000~G255), Enter key to save.
B255	➡	B000	Up or down modify blue light bead brightness (b000~b255), Enter key to save.
W255	➡	W000	Up or down modify white light bead brightness (w000~w255), Enter key to save.
T000			Display temperature, such as T045 indicates current luminaire temperature is 45℃; not installed 10 K thermistor, display T---.

III. Master-slave control

Two or more of the same lamps are connected with DMX three-core signal lines, all lamps are set to A001~A512 any address code, any one is set to host, and other lamps are slave; when the host is gradient, pulse, jump, sound control, self-walking effect, slave synchronous gradient, pulse change, jump, sound control, self-walking effect.
Special note :

1. a group of lamps can only set up one host, if there are more than one host, all lamps will flash and not synchronized.
2. all lamps must be master-slave when the DMX512 console is closed.

IV.Factory setup

A001~A512 any address code, press the menu key for 3 seconds to enter the factory settings. Factory setting is mainly the function of lamp output power, fan setting mode, setting temperature protection point, sending parameters, factory setting any mode press menu key 3 seconds exit.

Factory Setup Table:

R255	➡	R020	Red lamp bead current setting, modify red lamp bead current up or down (R020-R255), Enter key to save.
G255	➡	G020	Green light bead current setting, modify green light bead current up or down (G020-G255), Enter key to save.
B255	➡	B020	Blue bead current setting, modify blue bead current up or down (B020-B255), Enter key to save.
W255	➡	W020	White light bead current setting, modify white light bead current up or down (W020-W255), Enter key to save.
FA-0	➡	FA-1	Fan setting: Start the fan FA-0 light is on, FA-1 reach the set temperature protection point start the fan, Enter key to save.
T040	➡	T105	Set the temperature protection point, modify the parameters up or down (40℃~105℃), Enter key to save.
CH40	➡	CH44	up or down Channel settings, Enter key to save.
Send	➡	Send	Send up or down the local factory setting parameters to all other three-core signal lines connected in parallel lamps; confirm the sending parameters press menu key 3 seconds exit, deny the parameters press confirmation key to cancel the sending.

V. DMX512 console

After power on all lamps address code set, connect all lamps with three-core signal line in parallel to the DMX512 console, the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamp, according to the channel instructions with the DMX512 console control related functions.

IM-WL4808 Waterproof LED Wash Light

CH8 Channel Description:

Channel	Channel values	Basic function
1	000-255	Tuned light
2	000-255	Stroboflash
3	000-255	Mode (see the specific effect at the end of the article: six, mode effect).
4	000-255	Speed
5	000-255	Red light bead linear dimming.
6	000-255	Green light bead linear dimming.
7	000-255	Blue light bead linear dimming.
8	000-255	White light bead linear dimming.

VI. MODE effect

Channel values	Mode code	Mode effect
0-19	1	Inaction
20-29	2	Red light
30-39	3	Green light
40-49	4	Blue light
50-59	5	White light
60-69	5	Red Green Dyed Lamp
70-79	5	Red Blue Dyed Lamp
80-89	7	Green Blue Dyed Lamp
90-99	8	Red,Green,Blue and White dyeing lamp
100-149	9	Gradient
150-199	10	Pulse changes
200-229	11	Hoppers
230-255	12	Sound control mode.

VII. Technical parameters

Voltage: AC100V-240V, 50Hz/60Hz

Power : 300 W

Lamp resource: 48x8W RGBW 4in1 LEDs

Lifespan: 50000-100000 hours

Dimmer: Variable electronic dimmer(0-100%)

Cool Down System: Aluminum alloy Cooling System

Single control: Support

Control model: DMX512/Sound/Auto/Master-slave

Channel: 8 Channels

Display: LED display

Program: with build-in program