



**WASH 244
DECO**



User Manual

Please keep reading this manual carefully for further use!



CAUTION: Keep this equipment away from rain, moisture and liquids.



SAFETY INSTRUCTIONS

Every person involved with the installation, operation & maintenance of this equipment should:

- Be competent
- Follow the instructions of this manual



CAUTION: Take care using this equipment!
high voltage-risk of electric shock!!



Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications to this equipment are not subject to warranty.

Digital display operate:

MENU

B.B.B.B.

OOOO

MENU UP DOWN ENTER

Operation Instructions:

After startign press A(MENU) Enter into main-menu, Press B(UP) C(DOWN) to select the submenu, and then press D(ENTER)ensure.

SETTING MENU LED DISPLAY:

Mode	Programming		Description	
Auto mode	Auto Sp 1-20 St 0-19	Au01 ~ Au03	Au01 Two kinds of led move randomly	3 Auto running modes, random operation of all effects
		Au02 RGB led move randomly		
		Au03 RGBW led move randomly		
		Auto Speed 1-20 (slow->fast) (speed)		
		(slow->fast) (strobe), 0 flash randomly		
DMX mode	Addr	8CH	A001-A505	
	15CH	A001-A498		
	40CH	A001-A473		
	80CH	A001-A433		
	128H	A001-A385		

Show	Show	RGB Fill light	Sh00-66	Program RGB Show 1-66		
			Sp 1-20	Program RGB Speed 1-20 {slow->fast} (speed)		
			St0-19	Program RGB Flash 0-19 (slow->fast) (strobe) 0 no flash		
		RGBW	Sh00-49	Program RGBW Show 1-49		
			Sp 1-20	Program RGBW Speed 1-20 (slow->fast) (speed)		
			St0-19	Program RGBW Flash 0-19 (slow->fast) (strobe) 0 no flash		
Sound Mode	Sound	Sou1~4	Sen1-9	Sound mode1, RGB audio mode	4 sound control modes with adjustable sensitivity	
			Sound mode2, RGBW audio mode			
			Sound mode3, RGB+RGBW audio mode			
			Sound mode4, built-in effectrandom mode			

Slave	SLAV	Slave	Slave (Slave, automatically identify the master)	
Edit color	Colo	r000 - 255	Red (0-100%) red adjustable	
		g000 - 255	Green (0-100%) green adjustable	
		b000 - 255	Blue (0-100%) Blue adjustable	
		U000 - 255	White (0-100%) \white adjustable	
		St0-19	LED Strobe (slow->fast) (strobe)	
Static colors	StAt	C101 - C138	RGB static color (C101X black, 37 static colors to choose)	
		C201 - C242	RGBW static color(C201 black, 41 static colors to choose)	
		St00-19	LED Strobe (slow->fast) (strobe) 0 no flash	

Product Set	Set	dis	10s	Set the display panel backlight time, 10 seconds to continuous light, the factory default is 10 seconds
			20s	
			30s	
			60s	
			on	
		dir	--->	Set the light direction to right
			<---	Set the light direction to left
		temp	50 ~ 65 C	Protection temperature setting, protection within 50~65·c, exceeding this range, output power will be reduced
		Send	yes	One-touch setting of the send function sends the current lamp channel mode to other lamps connected to this lamp. (No other controllers can be on the line)
			Send	
Information	Info	ver	1001	Soft version
		temp	xxc	Current lamp board temperature (degrees Celsius). If the temperature detection circuit fails, the startup prompts -RT- and the menu displays error

DMX CHANNELS:

DMX MODE1:8 CH

CH1	0-255	Dimmer		
CH2	0-9	No Function	Strobe	
	10-255	Slow->Fast		
CH3	0-3	CH4 selects to control the overall color of RGBW		RGBW effect macro function
	4-7	Pattern 1 (built-in pattern color)		
	8-11	Pattern 2 (built-in pattern color)		
	148-151	Pattern37 (built-in pattern color)		
	152-155	Pattern38 (built-in pattern color)		
	156-159	Pattern39 (built-in pattern color)		
	196-199	Pattern49 (built-in pattern color)		
	200-203	Auto running effect (loop running pattern effect 1-49)		
	204-207	RGBW sound control effect 1		
	208-255	RGBW sound control effect 2		
CH4	0-255	When the CH3 value is between 0 and 3, this channel is the overall color selection.		
		When the CH3 value is between 4 and 203, this channel is RGBW effect speed (Slow->fast)		
CH5	0-255	RGBW pattern effect background color selection (see the last RGBW Background Color table for details)		
CH6	0-2	CH? controls the overall RGB color		RGB Effect Macro Function
	3-5	Pattern 1 (built-in pattern color)		
	6-8	Pattern 2 (built-in pattern color)		
	144-146	Pattern 48 (built-in pattern color)		
	147-149	Pattern 49 (built-in pattern color)		
	150-152	Pattern 50 (built-in pattern color)		
	198-200	Pattern 66 (built-in pattern color)		
	201-203	Self-propelled effect (loop pattern effects 1 to 66)		

	204-206	Voice control effect 1	
	207-255	Voice control effect 2	
CH7	0-255	When the CH6 value is between 0 and 2, this channel is the overall color selection	
		When the value of CH6 is between 3 and 224, this channel is RGB effect speed (Slow->fast)	
CH8	0-255	RGB pattern effect background color selection (see the last RGB Background Color table for details)	

DMX MODE2:15CH

CH1	0-255	Dimmer	
CH2	0-9	No Function	Strobe
	10-255	Slow->Fast	
CH3	0-255	ALL RGBW RED (0-100%)	
CH4	0-255	ALL RGBW GREEN (0-100%)	
CH5	0-255	ALL RGBW BLUE (0-100%)	
CH6	0-255	ALL RGBW WHITE (0-100%)	
CH7	0-8	CH3-6 controls the overall color of RGBW	RGBW effect macro function
	4-7	Pattern 1 (CH3-6 can control the color of the pattern)	
	8-11	Pattern 2 (CH3-6 can control the color of the pattern)	
	148-151	Pattern 37 (CH3-6 can control pattern color)	
	152-155	Pattern 38 (built-in pattern color)	
	156-159	Pattern 39 (built-in pattern color)	
	196-199	Pattern 49 (built-in pattern color)	

	200-203	Self-propelled effect (loop pattern effects 1 to 49)	
	204-207	RGBW sound control effect 1	
	208-255	RGBW sound control effect 2	
CH8	0-255	RGBW effect speed (Slow->fast)	
CH9	0-255	RGBW pattern effect background color selection (see the last RGBW Background Color table for details)	
CH10	0-255	RGB RED(0-100%)	
CH11	0-255	RGB GREEN(0-100%)	
CH12	0-255	RGB BLUE(0-100%)	
CH13	0-2	CH10-12 controls the overall color of the light strip RGB Effect Macro Function	RGB Effect Macro Function
	3-5	Pattern 1 (CH10-12 can control the pattern color)	
	6-8	Pattern 2 (CH10-12 can control the pattern color)	
	144-146	Pattern 48 (CH10-12 can control pattern color)	
	147-149	Pattern 49 (built-in pattern color)	
	150-152	Pattern 50 (built-in pattern color)	
	198-200	Pattern 66 (built-in pattern color)	
	201-203	Self-propelled effect (loop pattern effects 1 to 66)	
	204-206	Voice control effect 1	
	207-255	Voice control effect 2	
CH14	0-255	RGB effect speed (Slow->fast)	
CH15	0-255	RGB pattern effect background color selection (see the last RGB Background Color table for details)	

DMX MODE3:40CH

CH1	0-255	Dimmer	
CH2	0-9	No Function	Strobe
	10-255	Slow->Fast	
CH3	0-255	RGBW R1 (0-100%)	
CH4	0-255	RGBW G1 (0-100%)	
CH5	0-255	RGBW B1 (0-100%)	
CH6	0-255	RGBW W1 (0-100%)	
CH31	0-255	RGBW R8 (0-100%)	
CH32	0-255	RGBW G8 (0-100%)	
CH33	0-255	RGBW B8 (0-100%)	
CH34	0-255	RGBW W8 (0-100%)	
CH35	0-255	RGB RED(0-100%)	
CH36	0-255	RGB GREEN(0-100%)	
CH37	0-255	RGB BLUE(0-100%)	

CH38	0-2	CH35-37 controls the overall color of the light strip	RGB Effect Macro Function
	3-5	Pattern 1 (CH35-37 can control the pattern color)	
	6-8	Pattern 2 (CH35-37 can control the pattern color)	
	144-146	Pattern 48 (CH 35-37 can control pattern color)	
	147-149	Pattern 49 (built-in pattern color)	
	150-152	Pattern 50 (built-in pattern color)	
	198-200	Pattern 66 (built-in pattern color)	
	201-203	Self-propelled effect (loop pattern effects 1 to 66)	
	204-206	Voice control effect 1	
	207-255	Voice control effect 2	
CH39	0-255	RGB effect speed (Slow->fast)	
CH40	0-255	RGB pattern effect background color selection (see the last RGB Background Color table for details)	

DMX MODE4:80CH

CH1	0-255	RGBW R1(0-100%)
CH2	0-255	RGBW G1(0-100%)
CH3	0-255	RGBW B1(0-100%)
CH4	0-255	RGBW W1(0-100%)
CH29	0-255	RGBW R8(0-100%)
CH30	0-255	RGBW G8(0-100%)
CH31	0-255	RGBW B8(0-100%)
CH32	0-255	RGBW W8(0-100%)
CH17	0-255	RGB R1(0-100%)
CH18	0-255	RGB G1(0-100%)
CH19	0-255	RGB B1(0-100%)
CH78	0-255	RGB R16(0-100%)
CH79	0-255	RGB G16(0-100%)
CH80	0-255	RGB B16(0-100%)

DMX MODE5:128H

CH1	0-255	RGBW R1(0~100%)
CH2	0-255	RGBW G1(0-100%)
CH3	0-255	RGBW B1(0-100%)
CH4	0-255	RGBW W1(0-100%)
CH29	0-255	RGBW R8(0-100%)
CH30	0-255	RGBW G8(0-100%)
CH31	0-255	RGBW B8(0-100%)
CH32	0-255	RGBW W8(0-100%)
CH17	0-255	RGB R1(0-100%)
CH18	0-255	RGB G1(0-100%)
CH19	0-255	RGB B1(0~100%)
CH126	0-255	RGB R32(0-100%)
CH127	0-255	RGB G32(0-100%)
CH128	0-255	RGB B32(0-100%)

RGB Background Color Sheet:

Value	Color
0-11	R:000 G:000 B:000
12-23	R: 10 G:000 B:000
24-35	R: 50 G:000 B:000
36-47	R:100 G:000 B:000
48-59	R:000 G: 10 B:000
60-71	R:000 G: 50 B:000
72-83	R:000 G:100 B:000
84-95	R:000 G:000 B:10
96-107	R:000 G:000 B: 50
108-119	R:000 G:000 B:100
120-131	R: 10 G:10 B:000
132-143	R: 50 G:50 B:000
144-155	R:100 G:100 B:000
156-167	R: 10 G:000 B:10
168-179	R:50 G:000 B: 50
180-191	R:100 G:000 B:100
192-203	R:000 G:10 B:10
204-215	R:000 G:10 B:10
216-227	R:000 G:100 B:100
228-239	R:10 G:10 B:10
240-251	R:50 G:50 B:50
252-255	R:100 G:100 B:100

RGBW Background Color Sheet:

Value	Color
0-7	R:000 G:000 B:000 W:000
8-15	R: 10 G:000 B:000 W:000
16-23	R: 50 G:000 B:000 W:000
24-31	R:100 G:000 B:000 W:000
32-39	R:000 G:10 B:000 W:000

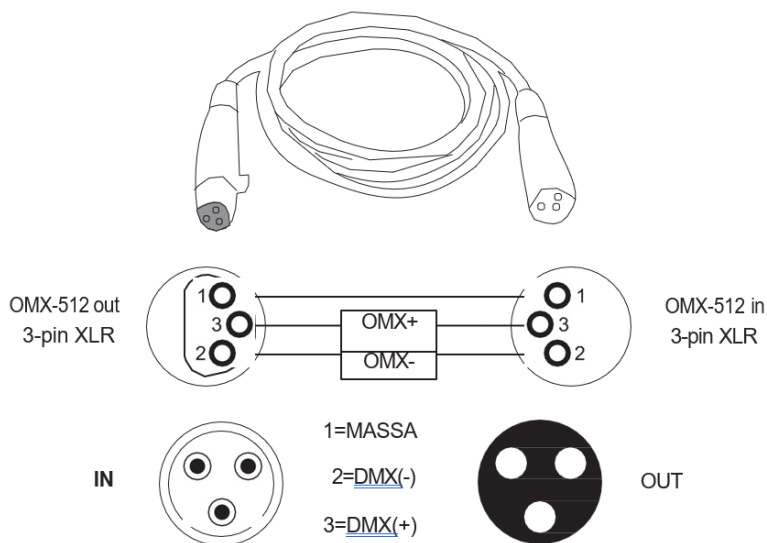
40-47	R:000 G:50 B:000 W:000
48-55	R:000 G:100 B:000 W:000
56-63	R:000 G:000 B: 10 W:000
64-71	R:000 G:000 B: 50 W:000
72-79	R:000 G:000 B:100 W:000
80-87	R:000 G:000 B:000 W: 10
88-95	R:000 G:000 B:000 W: 50
96-103	R:000 G:000 B:000 W:100
104-111	R: 10 G:10 B:000 W:000
112-119	R: 50 G:50 B:000 W:000
120-127	R:100 G:100 B:000 W:000
128-135	R: 10 G:000 B: 10 W:000
136-143	R: 50 G:000 B: 50 W:000
144-151	R:100 G:000 B:100 W:000
152-159	R:000 G:10 B: 10 W:000
160-167	R:000 G:50 B: 50 W:000
168-175	R:000 G:100 B:100 W:000
176-183	R: 10 G:000 B:000 W: 10
184-191	R: 50 G:000 B:000 W: 50
192-199	R:100 G:000 B:000 W:100
200-207	R:000 G:10 B:000 W: 10
208-215	R:000 G:50 B:000 W: 50
216-223	R:000 G:100 B:000 W:100
224-231	R:000 G:000 B: 10 W: 10
232-239	R:000 G:000 B: 50 W: 50
240-255	R:000 G:000 B:100 W:100



ATTENTION:
DANGER OF LIFE! RISK OF BURNS!
RISK OF FIRE! RISK OF SHORT CIRCUIT!

DMX Signal Connection

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female(OUT)	5-Pin XLR Male (IN)
Ground/Shield	Pin 1	Pin 1
Data Compliment(-signal)	Pin 2	Pin 2
Data True (+signal)	Pin 3	Pin 3
Not Used		Pin 4-Do Not Used
Not Used		Pin 5-Do Not Used



You should find inside the LED carton the following items:

1. LED LIGHT
2. Power cable
3. Instruction manual

Technical Specifications:

- DMX Channels: 8/15/40/80/128
- Voltage: AC 110-240V~50/60Hz
- 24Ultra bright LED's(RGBW)

Operating modes:

1. Static color mode
2. Color changing mode
3. Color fade mode
4. Auto run mode
5. Sound active mode
6. Master slave mode
7. DMX mode

MAINTENANCE

Attention:

- Periodical to maintain the wash light
- Check the screw of the spare parts in order to use well
- Clearing the dust and fragments of the inner wash light, to keep the inner par light clearly Clearing the lens
- More dust, smoke and granular can cause appearance of the wash light corrosively, even cause overheated to damage equipment

Attention: Before take the light apart, please cut the power source.



CAUTION: Take care using this equipment!
high voltage-risk of electric shock!!



Clearing

- Cutting the power source when the light is cool, to move the cover of the light
- Using the vacuum cleaner or the gas from air compressor to remove the dust
- The lens need clearly once every week, otherwise to reduce the bright.
- The fans need clear once every month, to promise the cool effect.
- Clearing the lens must be take care, because the surface of the lens is easy to damage and cutting, and do not use the liquid to clean
- The PCB do not use the liquid to clean, must be keep it dry, to avoid short circuit

