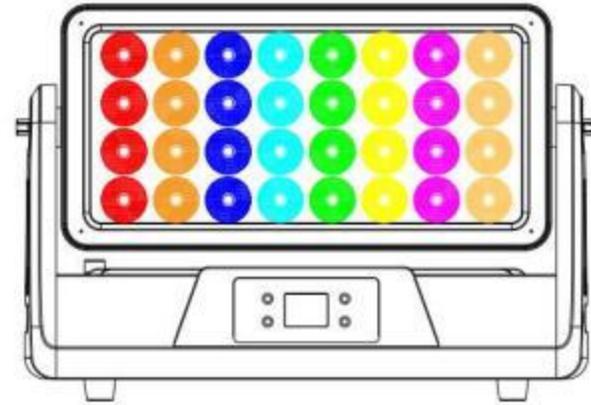


### Safety Precautions

- Do not expose this unit to rain or other moisture.
- Before plugging to power be sure the local power outlet matches with the required voltage of the unit
- Do not remove the cover under any circumstances in case you're not qualified to do so.
- Never connect to power when cover is removed.
- Never use this unit if it becomes damaged
- Never connect this unit to any kind of dimmer and/or power pack.
- If the unit will not be used for a long time, disconnect it from power supply.
- Always mount this unit safe and stable, and make sure the area will have proper ventilation. Take care this unit will not be mounted in areas close to heat sources such as lighting fixtures, amplifiers, heat registers, stoves and radiators.
- Always contact us in case you have any doubts.

# Product Instruction



**AQUAWASH 3240**



## Product Specifications

Voltage: AC100-240V, 50/60Hz

Power: 1400W

DMX channel: 4/6/8/12/32/40CH

Light Source: 32\*40W RGBW 4 in 1 LED

IP Rating: IP65

Lifespan: around 100,000 hours

Housing: Die-casting aluminum, powder-coated finish

Control mode: DMX512, master/slave/sound control and auto

Dimmer: 0-100%

Strobe: 0-20Hz

Beam angle: 25° (15/45/60 optional)

Display: LCD color display with 4 touch buttons

Net weight: 17 kg

## Menu

No	Menu	Submenu	Specification	Function
1	Addr	1-512		DMX starting address 1-512
2	Chan	STAG		Basic channel, default settings for appearance. Channel mode settings, see "Channel Table"
		4CH		
		6CH		
		8CH		
		32CH		
		34CH		
		40CH		
		HSV		
3	Auto	Au 0	S000-255 (slow-fast)	All cycling auto
		Au 1	S000-255 (slow-fast)	Whole 6-color jump
		Au 2	S000-255 (slow-fast)	Whole 6-color gradient
		Au 3	S000-255 (slow-fast)	Whole 6-color pulse change
		Au 4	S000-255 (slow-fast)	Colorful flow
		Au 5	S000-255 (slow-fast)	Colorful convection
		Au 6	S000-255 (slow-fast)	Rainbow windmill

## Unpacking

Thank you for purchasing the LED outdoor moving washer. Every LED outdoor moving washer has been well tested and has been shipped in perfect operating condition. When receiving our products carefully check the shipping carton for damage that might have happen during transport. In case of damage inspect the fixture for any damage or missing accessories necessary to operate. If parts are missing of fixture has been damaged please report this to us.

Please do not take any action without first contacting us.

## Introduction

This lighting is compact and lightweight and very easy to use. It is ideal for any rental job or installation. The unit can be controlled by any DMX controller or in stand-alone mode.

## Caution!

Do not attempt any repairs yourself! Doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact

## Warning!

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or any moisture.

Please read this user manual carefully to familiarize you with the basic operations of this unit.

## General Instructions

First familiarize yourself with the basic operation principals of this unit by reading the attached user manual carefully. These instructions contain important safety information regarding the use and maintenance of this unit.

## Set Up

Before plugging this unit to power make sure the voltage in your area matches the required voltage for the LED outdoor moving washer. All these units are available in 100/240V and 50/60Hz. please always make sure this unit voltage matches your area outlet voltage before attempting to operate the unit.

There are two ways to control your professional LED outdoor moving washer. The first option is by 'stand alone' function, and probably the most used option by an external controller via DMX. DMX is the standard language allowing communication between controller and all kinds of DMX products from different manufacturers. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example it does not matter if the last selected address is in the beginning or in the middle of a DMX line; the controller always will recognize the fixture by its address.

		Au 7	S000-255 (slow-fast)	Pixel lighting running effect 1
		Au 8	S000-255 (slow-fast)	Pixel lighting running effect 2
		...		
		Au 20	S000-255 (slow-fast)	Pixel lighting running effect 14
4	Stat	C 01--15	C.01-15	This menu is predefined color mode. After entering, it will automatically send data as host, totaling 15 colors
		R0--255	R.000-255	This menu is in static color mode and automatically sends data to slaves after entering. Each color can be adjusted arbitrarily
		G0--255	G.000-255	
		B0--255	B.000-255	
		W0--255	W.000-255	
		St00	ST.00-20	0-20Hz strobe frequency setting
5	Dimm	OFF		In channel dimming speed setting, DIM OFF indicates that the brightness value is instantaneous excessive, DIM1 is fast, DIM2 is fast, DIM3 is slow, and DIM4 is the slowest. (Control channel dimming)
		DIM 1		
		DIM 2		
		DIM 3		
		DIM 4		
6	bacE	OFF		Delay 30 seconds to extinguish screen
		ON		Back light lights on
7	Info	ON		Manufacturer Testing Mode
		Auto		Lighting service life
		Hour		Software version
		Vers		Internal temperature
		Temp		Not restore factory value
8	Defa	No		Not restore factory value
		Yes		All parameters are restored to factory value

**DMX Values and Functions (12 DMX channel) STAG (Standard):**

Channel	Function	Value	Description
CH1	Dimmer	0--255	0~100% linear dimming
CH2	Strobe	0--13	No function (0Hz) No effect
CH3	Red	0--255	Red dimmer 0%--100%
CH4	Green	0--255	Green dimmer 0%--100%
CH5	Blue	0--255	Blue dimmer 0%--100%
CH6	White	0--255	White dimmer 0%--100%
CH7	Palette (foreground color sharing)	0--10	No function
		11--30	Red -> Yellow
		31--50	Yellow-> Green
		51--70	Green->Cyan
		71--90	Cyan->Blue
		91--110	Blue->Magenta
		111--130	Magenta->Red
		131--150	Red->White
		151--255	Red 100%, Green 100%, Blue 100%
CH8	Background Palette	0--10	Black
		11--30	Red -> Yellow
		31--50	Yellow-> Green
		51--70	Green->Cyan
		71--90	Cyan->Blue
		91--110	Blue->Magenta
		111--130	Magenta->Red
		131--150	Red->White
		151--255	Red 100%, Green 100%, Blue 100%
CH9	Background Color Brightness	0--255	0-100%
CH10	Auto-running control: Auto 7-21 needs to open the front or back background palette	0--9	No function
		10--19	Auto0 All cycling auto
		20--29	Auto 1 whole 6-color jump
		30--39	Auto 2 whole 6-color gradient
		40--49	Auto 3 Whole 6-color pulse change
		50--59	Auto 4 Colorful Flow
		60--69	Auto 5 Colorful Convection

CH38	Auto-running control: Auto 7-21 needs to open the front or back background palette	0--9	No function		
		10--19	Auto0 All cycling auto		
		20--29	Auto 1 whole 6-color jump		
		30--39	Auto 2 whole 6-color gradient		
		40--49	Auto 3 Whole 6-color pulse change		
		50--59	Auto 4 Colorful Flow		
		60--69	Auto 5 Colorful Convection		
		70--79	Auto 6 Rainbow windmill		
		80--89	Auto 7 Pixel lighting running effect 1		
		90--99	Auto 8 Pixel lighting running effect 2		
CH39	Auto Speed	100--109	Auto 9		
		110--119	...		
		120--179	Auto 10 16 Pixel lighting running effect		
		180--255	No Effect		
		0--255	Auto adjust speed, slow to fast		
		CH40	Dimmer Speed Setting	0--5	According to menu settings
				6--55	Dimming effect - turn off
				56--105	Dimming delay is fastest (DIM1)
106--155	Dimming delay is fast (DIM2)				
156--205	Dimming delay is slow (DIM3)				
206--255	Dimming delay is slowest (DIM4)				

...	...	...	0-100%,Red n/Green n/Blue n/White n
CH31	Red 8	0--255	Red dimmer 0%--100%
CH32	Green 8	0--255	Green dimmer 0%--100%
CH33	Blue 8	0--255	Blue dimmer 0%--100%
CH34	White 8	0--255	White dimmer 0%--100%
CH35	Palette (foreground color sharing)	0--10	No function
		11--30	Red -> Yellow
		31--50	Yellow-> Green
		51--70	Green->Cyan
		71--90	Cyan->Blue
		91--110	Blue->Magenta
		111--130	Magenta->Red
		131--150	Red->White
151--255	Red 100%, Green 100%, Blue 100%		
CH36	Background Palette	0--10	Black
		11--30	Red -> Yellow
		31--50	Yellow-> Green
		51--70	Green->Cyan
		71--90	Cyan->Blue
		91--110	Blue->Magenta
		111--130	Magenta->Red
		131--150	Red->White
151--255	Red 100%, Green 100%, Blue 100%		
CH37	Background Color Brightness	0--255	0-100%

		70--79	Auto 6 Rainbow windmill
		80--89	Auto 7 Pixel lighting running effect 1
		90--99	Auto 8 Pixel lighting running effect 2
		100--109	Auto 9
		110--119	...
		120--179	Auto 10 16 Pixel lighting running effect
		180--255	No Effect
CH11	Auto Speed	0--255	Auto adjust speed, slow to fast
CH12	Dimmer Speed Setting	0--5	According to menu settings
		6--55	Dimming effect - turn off
		56--105	Dimming delay is fastest (DIM1)
		106--155	Dimming delay is fast (DIM2)
		156--205	Dimming delay is slow (DIM3)
		206--255	Dimming delay is slowest (DIM4)

#### DMX Values and Functions (4 DMX channel) (RGBW):

Channel	Function	Value	Color Function
CH1	Red	0--255	Red dimmer 0%--100%
CH2	Green	0--255	Green dimmer 0%--100%
CH3	Blue	0--255	Blue dimmer 0%--100%
CH4	White	0--255	White dimmer 0%--100%

#### DMX Values and Functions (6 DMX channel) :

Channel	Function	Value	Color Function
CH1	Dimmer	0--255	0~100% linear dimming
CH2	Strobe	0--13	No function (0Hz) No effect
CH3	Red	0--255	Red dimmer 0%--100%
CH4	Green	0--255	Green dimmer 0%--100%
CH5	Blue	0--255	Blue dimmer 0%--100%
CH6	White	0--255	White dimmer 0%--100%

**DMX Values and Functions (8 DMX channel) (Left / Right Screen):**

Channel	Function	Value	Color Function
CH1	Red	0--255	Left screen: Red dimmer 0%--100%
CH2	Green	0--255	Left screen: Green dimmer 0%--100%
CH3	Blue	0--255	Left screen: Blue dimmer 0%--100%
CH4	White	0--255	Left screen: White dimmer 0%--100%
CH5	Red	0--255	Right screen: Red dimmer 0%--100%
CH6	Green	0--255	Right screen: Green dimmer 0%--100%
CH7	Blue	0--255	Right screen: Blue dimmer 0%--100%
CH8	White	0--255	Right screen: White dimmer 0%--100%

**DMX Values and Functions (32 DMX channel) (Full Pixel):**

Channel	Function	Value	Color Function
CH1	Red 1	0--255	Red dimmer 0%--100%
CH2	Green 1	0--255	Green dimmer 0%--100%
CH3	Blue 1	0--255	Blue dimmer 0%--100%
CH4	White 1	0--255	White dimmer 0%--100%
CH5	Red 2	0--255	Red dimmer 0%--100%
CH6	Green 2	0--255	Green dimmer 0%--100%
CH7	Blue 2	0--255	Blue dimmer 0%--100%
CH8	White 2	0--255	White dimmer 0%--100%
...	...	...	0-100%,Red n/Green n/Blue n/White n
CH29	Red 8	0--255	Red dimmer 0%--100%
CH30	Green 8	0--255	Green dimmer 0%--100%
CH31	Blue 8	0--255	Blue dimmer 0%--100%
CH32	White 8	0--255	White dimmer 0%--100%

**DMX Values and Functions (34 DMX channel) (Full Pixel with Strobe):**

Channel	Function	Value	Color Function
CH1	Dimmer	0--255	0~100% linear dimming
CH2	Strobe	0--13	No function (0Hz) No effect
CH3	Red 1	0--255	Red dimmer 0%--100%
CH4	Green 1	0--255	Green dimmer 0%--100%
CH5	Blue 1	0--255	Blue dimmer 0%--100%
CH6	White 1	0--255	White dimmer 0%--100%
CH7	Red 2	0--255	Red dimmer 0%--100%
CH8	Green 2	0--255	Green dimmer 0%--100%
CH9	Blue 2	0--255	Blue dimmer 0%--100%
CH10	White 2	0--255	White dimmer 0%--100%
...	...	...	0-100%,Red n/Green n/Blue n/White n
CH31	Red 8	0--255	Red dimmer 0%--100%
CH32	Green 8	0--255	Green dimmer 0%--100%
CH33	Blue 8	0--255	Blue dimmer 0%--100%
CH34	White 8	0--255	White dimmer 0%--100%

**DMX Values and Functions (40 DMX channel) (Full Function):**

Channel	Function	Value	Color Function
CH1	Dimmer	0--255	0~100% linear dimming
CH2	Strobe	0--13	No function (0Hz) No effect
CH3	Red 1	0--255	Red dimmer 0%--100%
CH4	Green 1	0--255	Green dimmer 0%--100%
CH5	Blue 1	0--255	Blue dimmer 0%--100%
CH6	White 1	0--255	White dimmer 0%--100%
CH7	Red 2	0--255	Red dimmer 0%--100%
CH8	Green 2	0--255	Green dimmer 0%--100%
CH9	Blue 2	0--255	Blue dimmer 0%--100%
CH10	White 2	0--255	White dimmer 0%--100%