

Aqua-Bar

Item ref: 151.610UK

18x18W Waterproof LED Wall Bar

User Manual

Please read through this manual thoroughly before use, any damage caused by misuse of product will not be covered by warranty.

The Citronic Aqua-Bar combines premium quality components with a heavy-duty waterproof housing to offer the ultimate outdoor wall wash solution. 18 high output RGBWA/UV LEDs can be controlled automatically from preset internal colour sequences, alternatively the bar can be operated remotely by DMX in either 6, 8, 9 or 12 channel modes if more precise control is required. Supplied with extendable waterproof connections and tilt-adjustable brackets for mounting to walls or ceilings.



In the box:

Your Aqua-Bar should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 2 x fixing stand/brackets with thumbscrews, 1 x UK mains plug to waterproof socket extension lead, 1 x DMX XLR plug to waterproof socket lead, Waterproof end caps (IEC and XLR) and 1 x user guide.

Warning:



Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.



Placement:

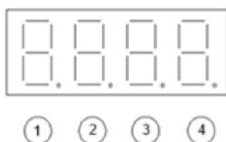
- Use the included mounting brackets to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.

- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED output directly into line of sight, as this can result in eye injury.

Cleaning:















- Use a soft cloth with a neutral detergent to clean the screen and casing as required.
- Do not use strong solvents for cleaning the unit.

















Rear panel controls:




















Item	Sq. No.	Display	Function
Button:	①	MENU	Enter the menu
	②	△	Previous menu
	③	▽	Next menu
	④	ENTER	Select the function

Manual control menu:

Menu	Setting	Function
	 → 	DMX address select 001-512
	   	DMX mode select 6/8/9/12CH
	 	Select Transmit/Receive signal Master/Slave
	 0-15	The predetermined colours 0-15 0 red/1 amber/2 warm yellow/3 yellow/4 green/5 turquoise/6 cyan/7 blue/8 lavender/9 fuchsia/10 magenta/11 pink/12 warm white/13 white/14 cold white/15 ultraviolet rays
		0 No function, 1-99 select colour of strobe effect, slow to fast

	 0-99	0 no effect, 1-99 the stroboscopic effect of the selected colour, slow to fast 0 disable gating, 1-99 set strobe speed
	 PAR01-PAR24	There are 24 dynamic performance modes to choose from
	 SP00-99	The self-propelled speed of the performance mode can be adjusted from 0-99 slow to fast
	 0-99	0 no effect, 1-99 the stroboscopic effect of the selected colour, from slow to fast
	 0-255	Total brightness: from 0-255
	 0-255	Red from 0-255
	 0-255	Green from 0-255
	 0-255	Blue from 0-255
	 0-255	White from 0-255
	 0-255	Amber from 0-255
	 0-255	UV from 0-255
		Linear dimmer
		Exponential dimmer

		Logarithmic dimmer
		Curve dimmer
		Halogen dimmer
		Keep the last received DMX signal
		Lights off
		Enable standalone mode
		led display is always on
		The boot display will turn off after 5-10 seconds. Touch any key to turn it back on
		Forward direction
		Rotate the display 180°
		Self-check LED
		Display the internal temperature of the lamp
		Show usage time
		Software version number

DMX mode:

The Aqua-Bar can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via the balanced waterproof XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select A001 from the menu and confirm the correct start address and channel selection by using the **"UP"** and **"DOWN"** buttons and **"ENTER"**. The "A" on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 6, 8, 9 or 12 DMX channels as indicated in the tables below:

6 Channel mode:

Channel	Value	Function and description
1	0 - 255	Red dimmer (0-100%)
2	0 - 255	Green dimmer (0-100%)
3	0 - 255	Blue dimmer (0-100%)
4	0 - 255	White dimmer (0-100%)
5	0 - 255	Amber dimmer (0-100%)
6	0 - 255	UV dimmer (0-100%)

8 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	000-007	LED on
	008-015	LED off
	016-131	Strobe, from slow to fast
	132-139	LED on
	140-181	Pulse, slow on fast off
	182-189	LED on
	190-231	Pulse, fast on slow off
	232-239	LED on
	240-247	Thunder strobe
	248-255	LED on
3	0 - 255	Red dimmer (0-100%)
4	0 - 255	Green dimmer (0-100%)
5	0 - 255	Blue dimmer (0-100%)
6	0 - 255	White dimmer (0-100%)
7	0 - 255	Amber dimmer (0-100%)
8	0 - 255	UV dimmer (0-100%)

9 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	000-007	LED on
	008-015	LED off
	016-131	Strobe, from slow to fast
	132-139	LED on
	140-181	Pulse, slow on fast off
	182-189	LED on
	190-231	Pulse, fast on slow off
	232-239	LED on
	240-247	Thunder strobe
	248-255	LED on
3	0 - 255	Red dimmer (0-100%)
4	0 - 255	Green dimmer (0-100%)

5	0 - 255	Blue dimmer (0-100%)
6	0 - 255	White dimmer (0-100%)
7	0 - 255	Amber dimmer (0-100%)
8	0 - 255	UV dimmer (0-100%)
9	000-50	Linear dimmer
	051-101	Exponential dimmer
	102-152	Logarithmic dimmer
	153-203	S-Curve dimmer
	204-255	Halogen dimmer

12 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	000-007	LED on
	008-015	LED off
	016-131	Strobe, from slow to fast
	132-139	LED on
	140-181	Pulse, slow on fast off
	182-189	LED on
	190-231	Pulse, fast on slow off
	232-239	LED on
	240-247	Thunder strobe
	248-255	LED on
3	0 - 255	Red dimmer (0-100%)
4	0 - 255	Green dimmer (0-100%)
5	0 - 255	Blue dimmer (0-100%)
6	0 - 255	White dimmer (0-100%)
7	0 - 255	Amber dimmer (0-100%)
8	0 - 255	UV dimmer (0-100%)
9	000-015	No function
	016-030	Colour#1 Red
	031-045	Colour#2 Amber
	046-060	Colour#3 Warm yellow
	061-075	Colour#4 Yellow
	076-090	Colour#5 Green
	091-105	Colour#6 Turquoise
	106-120	Colour#7 Cyan
	121-135	Colour#8 Blue
	136-150	Colour#9 Lavender
	151-165	Colour#10 Purplish red
	166-180	Colour#11 Magenta
	181-195	Colour#12 Pink
	196-210	Colour#13 Warm white
	211-225	Colour#14 White
	226-230	Colour#15 Cold white
	231-255	Colour#16 UV
10	000-015	No function
	016-025	Show mode #1
	026-035	Show mode #2
	"" ""	"" ""
	236-245	Show mode #23
	246-255	Show mode #24
11	000-255	Show speed
12	000-50	Linear dimmer
	051-101	Exponential dimmer

	102-152	Logarithmic dimmer
	153-203	S-Curve dimmer
	204-255	Halogen dimmer

Specifications:

Power supply	100-240Vac, 50/60Hz
Power consumption	324W
LED type	18 x 18W RGBWA/UV 6in1 LEDs
Luminance: Red	295 lx @ 1m
Luminance: Green	603 lx @ 1m
Luminance: Blue	700 lx @ 1m
Luminance: White	745 lx @ 1m
Beam angle	25°
Modes	Auto, Static, Custom, DMX512, Master/Slave
DMX channels	6, 8, 9 & 12CH
Connections	Power in/out (IEC), DMX in/out (3pin XLR)
Dimensions	1050 x 170 x 110mm
Weight	7kg

Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check IEC power extension lead is connected properly
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
Unresponsive to DMX	Check that unit is in DMX mode and ensure the A on the DMX address flashes to confirm it's receiving a DMX signal
	Check DMX controller is not set to blackout
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and extension lead



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

Errors and omissions excepted.

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Taylor Road, Trafford Park, Manchester. M41 7JQ.

AVSL (Europe) Ltd, Unit 3D North Point House,
North Point Bus. Park, New Mallow Road, Cork, Ireland.