BatBar-100

Item ref: 151.612UK

Rechargeable 24 x 4W 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.

Rechargeable effects bar with 24 high output RGBW 4W LEDs that provide amazing colour washes and patterns against walls, ceilings and floors. The BatBar-100 can be controlled by auto or sound activated modes from preset internal colour sequences. Alternatively, the bar can be operated remotely by DMX in either 6, 9, 16, 30 or 58 channel modes and connected to more units if a larger effect is required. Supplied with professional twist and lock power connections and tilt-adjustable brackets for mounting to walls or ceilings the BatBar-100 can run for up to 8 hours on a single charge, making it the perfect choice for applications where a power source isn't readily available.

In the box:

Your BatBar-100 should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 2 fixing stand/brackets with thumbscrews, 1 x twist and lock UK mains lead and 1 x user guide.

Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.

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 mounting brackets included to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments.
- 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.

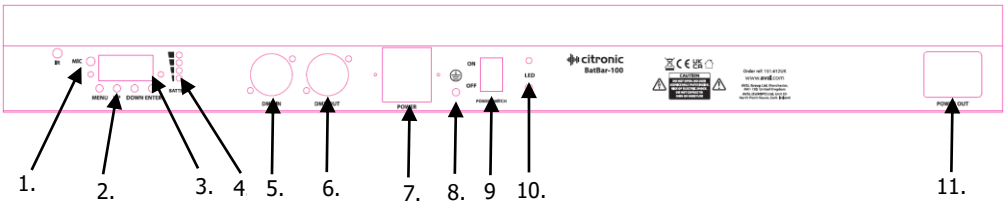
Cleaning:

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

Charging the battery:

The BatBar-100 can be either mains or battery powered as it contains an internal rechargeable lithium battery. To charge the unit simply connect to mains power using the twist and lock mains lead supplied and keep the unit switched off. It's recommended to fully charge the unit before first use and let the power run down each time before recharging to achieve optimum battery life.

Rear panel controls:



1. Internal microphone
2. Control panel
3. LED display
4. Battery status indicators
5. DMX input
6. DMX output
7. Power input (twist and lock)
8. Earth screw (do not remove)
9. Power switch
10. LED indicator
11. Power output (twist and lock)

Manual control menu:

Press the "**MENU**" button to enter the settings menu.
Press "**UP**" and "**DOWN**" buttons to navigate through various setting functions.
Press "**ENTER**" button to confirm the desired setting.

Display Mode	Value	Description
Addr	A001 - A512	DMX address code
ChNd	6Ch	6 Channel DMX mode
	9Ch	9 Channel DMX mode
	16Ch	16 Channel DMX mode
	30Ch	30 Channel DMX mode
	58Ch	58 Channel DMX mode
SLNd	nASt	Master fixture setting
	SL 1 - SL 2	Slave fixture settings
SoUn	So 0 - So 16	Sound activated mode sensitivity
	S000 - S099	Automatic sound activated modes

AutO	Au 0 - Au 16	SP 1	Auto select
		SP 9	Auto speed effect
Colo	Co 1	Color settings	
	Co 15		
Manu	rEd	0 - 255	Red dimmer
	GrEE		Green dimmer
	bluE		Blue dimmer
	Uhlt		RGB dimmer
d ISP - dS IP		Digital display on/off	
uEr	u 1 1	Software version	

DMX mode:

The BatBar-100 can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced 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, 9, 16, 30 or 58 DMX channels as indicated in the tables below:

6 Channel mode:

Ch.	Function	Value	Description
1	Red	0 – 255	Adjust individual LED brightness
2	Green	0 – 255	
3	Blue	0 – 255	
4	White	0 – 255	
5	Color Chase	0 – 255	Select chase (see Color Chase Table)
6	Chase Speed	0 – 255	Set chase speed

9 Channel mode:

Ch.	Function	Value	Description
1	Master Dimmer	0 – 255	Adjust all LED brightness
2	Strobe	0 – 255	Set strobe speed
3	Red	0 – 255	Adjust individual LED brightness
4	Green	0 – 255	
5	Blue	0 – 255	
6	White	0 – 255	
7	Auto Programs	0 – 255	Select automatic program setting
8	Color Chase	0 – 255	Select chase (see Color Chase Table)
9	Chase Speed	0 – 255	Set chase speed

16 Channel mode:

Ch.	Function	Value	Description
1	Master Dimmer 1	0 – 255	Adjust all LED brightness
2	Strobe 1	0 – 255	Set strobe speed
3	Red	0 – 255	Adjust individual LED brightness
4	Green	0 – 255	
5	Blue	0 – 255	
6	White	0 – 255	
7	Auto Program 1	0 – 255	Select automatic program setting
8	Master Dimmer 2	0 – 255	Adjust all LED brightness
9	Strobe 2	0 – 255	Set strobe speed
10	Red	0 – 255	Adjust individual LED brightness
11	Green	0 – 255	
12	Blue	0 – 255	
13	White	0 – 255	
14	Auto Program 2	0 – 255	Select automatic program setting
15	Color Chase	0 – 255	Select chase (see Color Chase Table)
16	Chase Speed	0 – 255	Set chase speed

30 Channel mode:

Ch.	Function	Value	Description
1	Master Dimmer 1	0 – 255	Adjust all LED brightness
2	Strobe 1	0 – 255	Set strobe speed
3	Red 1	0 – 255	Adjust individual LED brightness
4	Green 1	0 – 255	
5	Blue 1	0 – 255	
6	White 1	0 – 255	
7	Auto Program 1	0 – 255	Select automatic program setting
8	Master Dimmer 2	0 – 255	Adjust all LED brightness
9	Strobe 2	0 – 255	Set strobe speed
10	Red 2	0 – 255	Adjust individual LED brightness
11	Green 2	0 – 255	
12	Blue 2	0 – 255	
13	White 2	0 – 255	
14	Auto Program 2	0 – 255	Select automatic program setting
15	Master Dimmer 3	0 – 255	Adjust all LED brightness

16	Strobe 3	0 – 255	Set strobe speed
17	Red 3	0 – 255	Adjust individual LED brightness
18	Green 3	0 – 255	
19	Blue 3	0 – 255	
20	White 3	0 – 255	
21	Auto Program 4	0 – 255	Select automatic program setting
22	Master Dimmer 4	0 – 255	Adjust all LED brightness
23	Strobe 4	0 – 255	Set strobe speed
24	Red 4	0 – 255	Adjust individual LED brightness
25	Green 4	0 – 255	
26	Blue 4	0 – 255	
27	White 4	0 – 255	
28	Auto Program 4	0 – 255	Select automatic program setting
29	Color Chase	0 – 255	Select chase (see Color Chase Table)
30	Chase Speed	0 – 255	Set chase speed

58 Channel mode:

Ch.	Function	Value	Description
1	Master Dimmer 1	0 – 255	Adjust all LED brightness
2	Strobe 1	0 – 255	Set strobe speed
3	Red 1	0 – 255	Adjust individual LED brightness
4	Green 1	0 – 255	
5	Blue 1	0 – 255	
6	White 1	0 – 255	Adjust individual LED brightness
7	Auto Program 1	0 – 255	Select automatic program setting
8	Master Dimmer 2	0 – 255	Adjust all LED brightness
9	Strobe 2	0 – 255	Set strobe speed
10	Red 2	0 – 255	Adjust individual LED brightness
11	Green 2	0 – 255	
12	Blue 2	0 – 255	
13	White 2	0 – 255	
14	Auto Program 2	0 – 255	Select automatic program setting
15	Master Dimmer 3	0 – 255	Adjust all LED brightness
16	Strobe 3	0 – 255	Set strobe speed

17	Red 3	0 – 255	Adjust individual LED brightness
18	Green 3	0 – 255	
19	Blue 3	0 – 255	
20	White 3	0 – 255	
21	Auto Program 3	0 – 255	Select automatic program setting
22	Master Dimmer 4	0 – 255	Adjust all LED brightness
23	Strobe 4	0 – 255	Set strobe speed
24	Red 4	0 – 255	Adjust individual LED brightness
25	Green 4	0 – 255	
26	Blue 4	0 – 255	
27	White 4	0 – 255	
28	Auto Program 4	0 – 255	Select automatic program setting
29	Master Dimmer 5	0 – 255	Adjust all LED brightness
30	Strobe 5	0 – 255	Set strobe speed
31	Red 5	0 – 255	Adjust individual LED brightness
32	Green 5	0 – 255	
33	Blue 5	0 – 255	
34	White 5	0 – 255	
35	Auto Program 5	0 – 255	Select automatic program setting
36	Master Dimmer 6	0 – 255	Adjust all LED brightness
37	Strobe 6	0 – 255	Set strobe speed
38	Red 6	0 – 255	Adjust individual LED brightness
39	Green 6	0 – 255	
40	Blue 6	0 – 255	
41	White 6	0 – 255	
42	Auto Program 6	0 – 255	Select automatic program setting
43	Master Dimmer 7	0 – 255	Adjust all LED brightness
44	Strobe 7	0 – 255	Set strobe speed
45	Red 7	0 – 255	Adjust individual LED brightness
46	Green 7	0 – 255	
47	Blue 7	0 – 255	
48	White 7	0 – 255	
49	Auto Program 7	0 – 255	Select automatic program setting
50	Master Dimmer 8	0 – 255	Adjust all LED brightness

51	Strobe 8	0 – 255	Set strobe speed
52	Red 8	0 – 255	Adjust individual LED brightness
53	Green 8	0 – 255	
54	Blue 8	0 – 255	
55	White 8	0 – 255	
56	Auto Program 8	0 – 255	Select automatic program setting
57	Color Chase	0 – 255	Select chase (see Color Chase Table)
58	Chase Speed	0 – 255	Set chase speed

Colour Chase Table:

No Function	0 – 007	Color Chase 9	128 – 142
Color Chase 1	008 – 022	Color Chase 10	143 – 157
Color Chase 2	023 – 037	Color Chase 11	158 – 172
Color Chase 3	038 – 052	Color Chase 12	172 – 187
Color Chase 4	053 – 067	Color Chase 13	188 – 202
Color Chase 5	068 – 082	Color Chase 14	203 – 217
Color Chase 6	083 – 097	Color Chase 15	218 – 232
Color Chase 7	098 – 112	Color Chase 16	233 – 247
Color Chase 8	113 – 127	Sound Activated Mode	248 – 255

Specifications:

Power supply	110-240Vac, 50/60Hz
Battery type	10000mAH internal rechargeable lithium ion
Battery life	Up to 8 hours (single colour), 6 hours (auto) & 3 hours (full power)
Charge time	5 hours
LED type	24 x 4W RGBW 4in1 LEDs
Power consumption	100W
Beam angle	35°
DMX channels	6, 9, 16, 30 or 58CH
Modes	Auto, Sound, Master/Slave, DMX512
Connections	Power in/out (twist and lock), DMX in/out (3pin XLR)
Dimensions	60 x 60 x 1005mm
Weight	2.6kg

Troubleshooting:

No power	Check mains voltage is correct and outlet is switched on
	Check twist and lock power lead is connected properly
	Check unit is charged 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 black out
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and leads
Overheating/Cutting out	Ensure adequate ventilation and unit is not too close to a heat source

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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