

SpectraBar

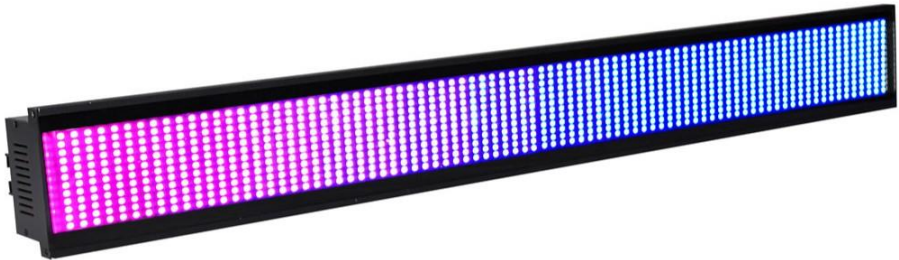
LED Colour Blinder and Strobe Bar

Item ref: 154.057UK

User Manual

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

The SpectraBar is a powerful 800W Multicolour LED stage-blinder bar that can produce a vast array of moving effects, strobes and washes. Easy to setup and use via a wide range of integrated automatic and sound to light programs or for more precise control there are 5 DMX modes to choose from. Fitted with twist and lock power connections for a more professional feel and housed in an all-metal casing with fan cooling for durability and reliable operation. Also supplied with fixing plates allowing end-to-end connection to more units for a bigger effect.



In the box:

Your SpectraBar should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 1 fixing bracket 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.



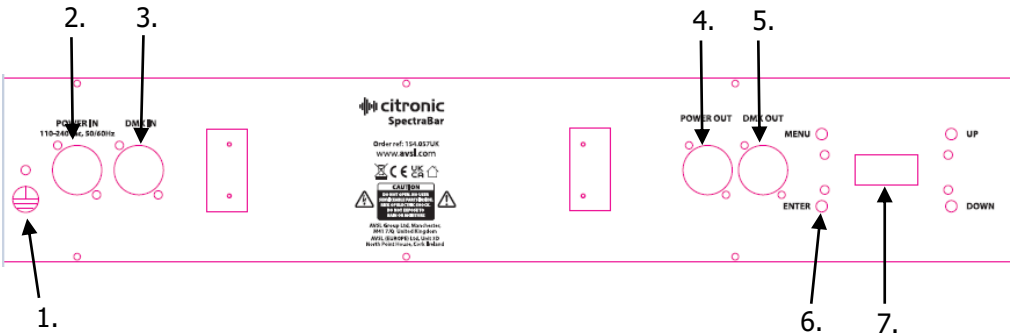
Placement:

- Use the included mounting bracket 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.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.

Rear panel controls:



1. Earth screw (do not remove)
2. Power input (twist and lock)
3. DMX input
4. Power output (twist and lock)

5. DMX output
6. Control panel
7. LCD display

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.

Menu	Description
Auto	Auto mode with speed and strobe frequency settings
DMX512	DMX address settings
Show	87 show modes with speed and strobe frequency settings
Music	3 Sound to light modes with sensitivity setting
Slave	Select as slave when connected to other units
Dimmer	Select Red, Green or Blue and adjust strobe frequency
Colour	37 Colour choices with strobe frequency settings
Settings	Adjust LCD display time, flow direction and temperature settings
Information	Display software version

DMX mode:

The SpectraBar 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 d001 from the menu and confirm the correct start address and channel selection by using the **"UP"** and **"DOWN"** buttons and **"ENTER"**. The "d" on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 5, 9, 36, 49 or 144 DMC channels as indicated in the tables below:

5 Channel mode:

Channel	Value	Function
CH1	0-255	Dimmer
CH2	0-9	No Function
	10-255	Slow->Fast
		Strobe
CH3	0-255	ALL RED (0-100%)
CH4	0-255	ALL GREEN (0-100%)
CH5	0-255	ALL BLUE (0-100%)

9 Channel mode:

Channel	Value	Function
CH1	0-255	Dimmer
CH2	0-255	ALL RED (0-100%)
CH3	0-255	ALL GREEN (0-100%)
CH4	0-255	ALL BLUE (0-100%)
CH5	0-3	No Function (CH2-Ch4)
	4-9	Effect 1
	8-11	Effect 2
	12-15	Effect 3
	16-19	Effect 4
	20-23	Effect 5
	24-27	Effect 6
	28-31	Effect 7
	32-35	Effect 8
	36-39	Effect 9
	40-43	Effect 10
	44-57	Effect 11
	48-51	Effect 12
	52-55	Effect 13
	56-59	Effect 14
	60-63	Effect 15
	64-67	Effect 16
	68-71	Effect 17
	72-75	Effect 18
	76-79	Effect 19
	80-83	Effect 20
	84-87	Effect 21
	88-91	Effect 22
	92-95	Effect 23
	96-99	Effect 24
	100-103	Effect 25
	104-107	Effect 26
	108-111	Effect 27
112-115	Effect 28	

	116-119	Effect 29
	120-123	Effect 30
	124-127	Effect 31
	128-131	Effect 32
	132-135	Effect 33
	136-139	Effect 34
	140-143	Effect 35
	144-147	Effect 36
	148-151	Effect 37
	152-155	Effect 38
	156-159	Effect 39
	160-163	Effect 40
	164-167	Effect 41
	168-171	Effect 42
	172-175	Effect 43
	176-179	Effect 44
	180-183	Effect 45
	184-187	Effect 46
	188-191	Effect 47
	192-195	Effect 48
	196-201	Effect 49
	200-203	Effect 50
	204-207	Effect 51
	208-211	Effect 52
	212-215	Effect 53
	216-219	Effect 54
	220-223	Effect 55
	224-227	Effect 56
	228-231	Effect 57
	232-235	Effect 58
	236-239	Effect 59
	240-243	Effect 60
	244-247	Effect 61
	248-255	Effect 62
CH6	0-7	No Function (CH2-Ch4)
	8-15	Effect 1
	16-23	Effect 2
	24-31	Effect 3
	32-39	Effect 4
	40-47	Effect 5
	48-55	Effect 6
	56-63	Effect 7
	64-71	Effect 8
	72-79	Effect 9
	80-87	Effect 10
	88-95	Effect 11
	96-103	Effect 12
	104-111	Effect 13
	112-119	Effect 14
	120-127	Effect 15
	128-135	Effect 16
	136-143	Effect 17
	144-151	Effect 18
	152-159	Effect 19
160-167	Effect 20	

	168-175	Effect 21
	176-183	Effect 22
	184-191	Effect 23
	192-199	Effect 24
	200-207	Effect 25
	208-215	Auto Mode(Effect)
	216-223	DMX Sound mode1
	224-231	DMX Sound mode2
	232-255	DMX Sound mode3
CH7	0-4	No Function (CH2-Ch4)
	5-9	Dynamic effect1 (CH2-CH3 Control colour)
	10-14	Dynamic effect2 (CH2-CH3 Control colour)
	15-19	Dynamic effect3 (CH2-CH3 Control colour)
	20-24	Dynamic effect4 (CH2-CH3 Control colour)
	25-29	Dynamic effect5 (CH2-CH3 Control colour)
	30-34	Dynamic effect6 (CH2-CH3 Control colour)
	35-39	Dynamic effect7 (CH2-CH3 Control colour)
	40-44	Dynamic effect8 (CH2-CH3 Control colour)
	45-49	Dynamic effect9 (CH2-CH3 Control colour)
	50-54	Dynamic effect10 (CH2-CH3 Control colour)
	55-59	Dynamic effect11 (CH2-CH3 Control colour)
	60-64	Dynamic effect12 (CH2-CH3 Control colour)
	65-69	Dynamic effect13 (CH2-CH3 Control colour)
	70-74	Dynamic effect14 (CH2-CH3 Control colour)
	75-79	Dynamic effect15 (CH2-CH3 Control colour)
	80-84	Dynamic effect16 (CH2-CH3 Control colour)
	85-89	Dynamic effect17 (CH2-CH3 Control colour)
	90-94	Dynamic effect18 (CH2-CH3 Control colour)
	95-99	Dynamic effect19 (CH2-CH3 Control colour)
	100-104	Dynamic effect20 (CH2-CH3 Control colour)
	105-109	Dynamic effect21 (CH2-CH3 Control colour)
	110-114	Dynamic effect22 (CH2-CH3 Control colour)
	115-119	Dynamic effect23 (CH2-CH3 Control colour)
	120-124	Dynamic effect24 (CH2-CH3 Control colour)
	125-129	Dynamic effect25 (CH2-CH3 Control colour)
	130-134	Dynamic effect26 (CH2-CH3 Control colour)
	135-139	Dynamic effect27 (CH2-CH3 Control colour)
	140-144	Dynamic effect28 (CH2-CH3 Control colour)
	145-149	Dynamic effect29 (CH2-CH3 Control colour)
	150-154	Dynamic effect30 (CH2-CH3 Control colour)
	155-159	Dynamic effect31 (CH2-CH3 Control colour)
	160-164	Dynamic effect32 (CH2-CH3 Control colour)
	165-169	Dynamic effect33 (CH2-CH3 Control colour)
	170-174	Dynamic effect36 (CH2-CH3 Control colour)
	175-179	Dynamic effect37 (CH2-CH3 Control colour)
	180-184	Dynamic effect38 (CH2-CH3 Control colour)
	185-189	Dynamic effect39 (CH2-CH3 Control colour)
	190-194	Dynamic effect30 (CH2-CH3 Control colour)
	195-199	Dynamic effect40 (CH2-CH3 Control colour)
	200-204	Dynamic effect41 (CH2-CH3 Control colour)
	205-209	Dynamic effect42 (CH2-CH3 Control colour)
	210-214	Dynamic effect43 (CH2-CH3 Control colour)
	215-219	Dynamic effect44 (CH2-CH3 Control colour)
	220-224	Dynamic effect45 (CH2-CH3 Control colour)
	225-229	Dynamic effect46 (CH2-CH3 Control colour)

	230-234	Dynamic effect47 (CH2-CH3 Control colour)	
	235-255	Dynamic effect48 (CH2-CH3 Control colour)	
CH8	0-255	Effect Speed (slow -> Fast)	
CH9	0-9	No Function	Strobe
	10-255	Slow->Fast	

36 Channel mode:

Channel	Value	Function
CH1	0-255	LED1 Red (0-100%)
CH2	0-255	LED1 Green (0-100%)
CH3	0-255	LED1 Blue (0-100%)
""	""	"" "" "" ""
CH34	0-255	LED12 Red (0-100%)
CH35	0-255	LED12 Green (0-100%)
CH36	0-255	LED12 Blue (0-100%)

49 Channel mode:

Channel	Value	Function
CH1	0-255	Dimmer (0-100%)
CH2	0-255	LED1 Colour
CH3	0-255	LED2 Colour
CH4	0-255	LED3 Colour
CH5	0-255	LED4 Colour
CH6	0-255	LED5 Colour
""	""	"" "" "" ""
CH47	0-255	LED46 Colour
CH48	0-255	LED47 Colour
CH49	0-255	LED48 Colour

144 Channel mode:

Channel	Value	Function
CH1	0-255	Master dimmer
CH2	0-255	RED1 (0-100%)
CH3	0-255	GREEN1 (0-100%)
CH4	0-255	BLUE1 (0-100%)
CH5	0-255	RED2 (0-100%)
CH6	0-255	GREEN2 (0-100%)
CH7	0-255	BLUE2 (0-100%)
""	""	"" "" "" ""
CH142	0-255	RED47 (0-100%)
CH143	0-255	GREEN48 (0-100%)
CH144	0-255	BLUE48 (0-100%)

Specifications:

Power supply	110-240Vac, 50/60Hz
Power consumption	800W
LED type	1080pcs RGB SMD5050 LEDs
Effects	RGB colour mixing, Linear dimming 0-100%, Strobe 0-25 times per second

Beam angle	135°
Modes	DMX, Master/Slave, Auto, Show, Sound
DMX channels	5, 9, 36, 49 and 144CH
Connections	Power in/out (twist and lock), DMX in/out (3pin XLR)
Dimensions	117 x 80 x 1000mm
Weight	5.5kg

Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check twist and lock power 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
Overheating/Cutting out	Check DMX connection and leads
	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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