Amber Blinder

Amber LED Blinder Bar with Stand

Item ref: 151.599UK

User Manual

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

Effects bar with 10 ultra-bright amber COB LEDs that provide amazing colour washes against walls,
ceilings or even floors. The unit can be controlled by auto or sound activated modes from preset internal
sequences. Alternatively, the bar can be operated remotely by DMX in either 4, 6, 10 or 14 channel modes
and connected to more units if a larger effect is required. Supplied with a tripod floor stand and mounting
brackets for fixing to trussing, walls or ceilings.

In the box:

Your Amber Blinder should arrive with you in a single carton in good condition. The carton should contain
1 x main unit, 1x tripod stand, 1 x twist and lock UK mains lead, pole mount bracket and fixings, wall
mount bracket and fixings 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.
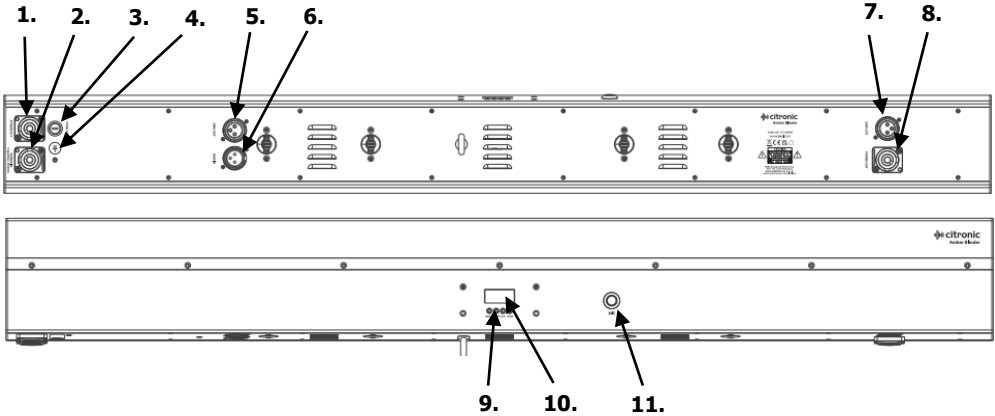Please refer to qualified personnel for service and repair.**

Placement:

- Use the included bottom mount brackets to fix to the included tripod stand or alternatively use the
  wall/truss mount brackets for fixing to a lighting truss or stud wall.
- Always 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 an 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.

Rear panel controls:

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

7. DMX output 2
8. Power output 2 (twist and lock)
9. Control panel
10. LCD display
11. Microphone

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	Options and Settings		Description
Addr	001--512		DMX address
ChNd	CH-04		4 CH mode
	CH-06		6 CH mode
	CH-10		10 CH mode
	CH-14		14 CH mode
SLNd	NASt		Master
	SL 1		Slave 1
	SL 2		Slave 2

SHMd	SH-	SH0-SH14	0-14 show modes
	Sped	SP00-99	Show speed
SoUn	on / oFF		Sound control ON/OFF
SEnS	0-99		Sensitivity
hALO	hALO		Halogen gun dimmer mode
	LED		Conventional LED dimmer mode
dInc	L1		Linear dimmer mode
	E0		Logarithmic dimmer mode
	C0		Exponential dimmer mode
	SC		S-curve dimmer mode
dsig	Auto		when DMX signal is interrupted, it will go auto run
	hold		when DMX signal is interrupted, it will go back to last selected mode
	black		when DMX signal is interrupted, it will black out
LEd	on / oFF		Display On/Off
diSP	diSP		The led display in forward direction
	dSIP		The led display rotate 180 degree
tESt			Self-testing mode
INFO	hour		Fixture runtime
	uEr		Software version No.

DMX mode:

The Amber Blinder 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 4, 6, 10 or 14 DMX channels as indicated in the tables below:

4 Channel mode:

CH	Value	Function
CH1	000-255	Master dimmer, 0-100%
CH2	000-005	LED on
	006-010	LED off
	011-033	Pulse random,slow to fast
	034-056	Pulse random up, slow to fast
	057-079	Pulse random down, slow to fast
	080-102	Random strobe, slow to fast
	103-127	Strobe, 5S.....1S(Very short flashes)
	128-250	Strobe,speed slow to fast
	251-255	LED on
CH3	000-127	LED dimmer effect
	128-255	Halogen dimmer effect
CH4	000-063	Linear dimmer effect
	064-127	Logarithmic dimmer effect
	128-191	Exponential dimmer effect
	192-255	S-curve dimmer effect

6 Channel mode:

CH	Value	Function
CH1	000-255	Master dimmer, 0-100%
CH2	000-005	LED on
	006-010	LED off
	011-033	Pulse random,slow to fast
	034-056	Pulse random up, slow to fast
	057-079	Pulse random down, slow to fast
	080-102	Random strobe, slow to fast

CH 2	103-127	Strobe, 5S.....1S(Very short flashes）
	128-250	Strobe, speed slow to fast
	251-255	LED on
CH3	000-015	No function
	016-031	Effect 1
	032-047	Effect 2
	048-063	Effect 3
	064-079	Effect 4
	080-095	Effect 5
	096-111	Effect 6
	112-127	Effect 7
	128-143	Effect 8
	144-159	Effect 9
	160--175	Effect 10
	176-191	Effect 11
	192-207	Effect 12
	208-223	Effect 13
	224-239	Effect 14
	240-255	Random effect
CH4	000-249	Effect speed, slow to fast
	250-255	Sound control mode
CH5	000-127	LED dimmer effect
	128-255	Halogen dimmer effect
CH6	000-063	Linear dimmer effect
	064-127	Logarithmic dimmer effect
	128-191	Exponential dimmer effect
	192-255	S-curve dimmer effect

10 Channel mode:

CH	Value	Function
CH1	000-255	LED1 dimmer，0-100%
CH2	000-255	LED2 dimmer，0-100%
CH3	000-255	LED3 dimmer，0-100%
CH4	000-255	LED4 dimmer，0-100%
CH5	000-255	LED5 dimmer，0-100%
CH6	000-255	LED6 dimmer，0-100%
CH7	000-255	LED7 dimmer，0-100%
CH8	000-255	LED8 dimmer，0-100%
CH9	000-255	LED9 dimmer，0-100%
CH10	000-255	LED10 dimmer，0-100%

14 Channel mode:

CH	Value	Function
CH1	000-255	Master dimmer，0-100%
CH2	000-005	LED on
	006-010	LED off
	011-033	Pulse random,slow to fast
	034-056	Pulse random up, slow to fast
	057-079	Pulse random down, slow to fast
	080-102	Random strobe, slow to fast
	103-127	Strobe, 5S.....1S(Very short flashes）
	128-250	Strobe，speed slow to fast
	251-255	LED on
CH3	000-127	LED dimmer effect
	128-255	Halogen dimmer effect
CH4	000-063	Linear dimmer effect
	064-127	Logarithmic dimmer effect
	128-191	Exponential dimmer effect
	192-255	S-curve dimmer effect
CH5	000-255	LED1 dimmer，0-100%
CH6	000-255	LED2 dimmer，0-100%
CH7	000-255	LED3 dimmer，0-100%
CH8	000-255	LED4 dimmer，0-100%

CH9	000-255	LED5 dimmer, 0-100%
CH10	000-255	LED6 dimmer, 0-100%
CH11	000-255	LED7 dimmer, 0-100%
CH12	000-255	LED8 dimmer, 0-100%
CH13	000-255	LED9 dimmer, 0-100%
CH14	000-255	LED10 dimmer, 0-100%

Specifications:

Power supply	110-240Vac, 50/60Hz
Fuse	F3A
Power consumption	122W
LED type	10x 12W COB LED
Beam angle	25°
Modes	Auto mode, Gradient mode, Built-in conversion speed, Manual dimmer and Strobe effect
DMX channels	4, 6, 10 or 14CH
Connections	1x Power in and 2x Power out (twist and lock), 1x DMX in and 2x DMX out (3pin XLR)
Dimensions	95 x 125 x 1150mm
Weight	6.1kg

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 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