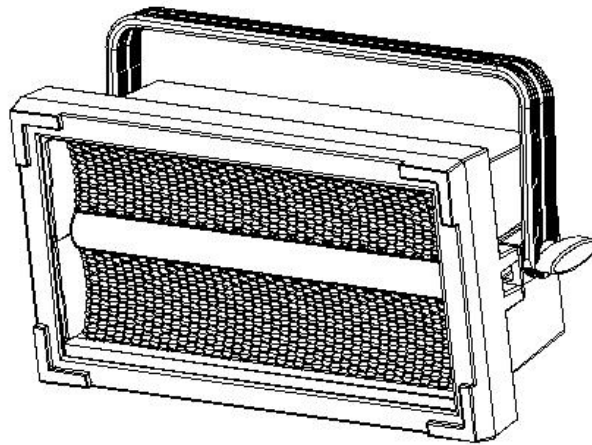




LIGHTMEN
LIGHTMEN.COM

BOMBASTIC 3000

User manual



Please read this user manual before using this product!

Content

1. Safety Information	1
2. Physical Installation	4
3. Dimensions	5
4. Technical Specification	5
5. Setup / Menu Table	6
6. Channel Function	9
7. FX Description	15



1. Safety Information

Warning: This product is only for professional use.

Causes of injury or severe trauma may be caused by: light, heat, collision, or falling.

Important statements

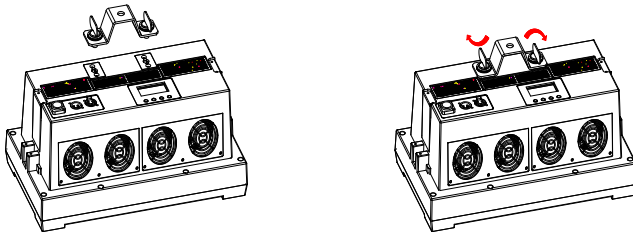
All personnel involved with the installation, operation and maintenance of this device needs to know:

- 1) This product must be installed by a qualified professional.
- 2) This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow these instructions and safety warnings described in this user manual.
- 3) Manufacturer will not take responsibility for any operations that's not according to this manual.
- 4) Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- 5) Always ground (earth) the fixture electrically.
- 6) During long periods of non-use, disconnect the unit's main power.
- 7) Do not place the lamp in a damp place.
- 8) Before opening the fixture for service, make sure that the power is disconnected and wait about thirty minutes before opening the fixture.
- 9) Replace a broken fuse with the exact same type of fuse, DO NOT bypass the fuse.
- 10) Make sure the power cord is not curled or damaged by sharp objects.
- 11) Always check the equipment and power cord before use.
- 12) Do not operate a fixture with broken or damaged cover or front glass.
- 13) Maximum operating ambient temperature 40 ° C (104 ° F).
- 14) Use only in a well-ventilated area.
- 15) Do not look directly at the light source, may cause epilepsy (especially for patients with epilepsy).
- 16) Make sure there are no flammable items in the range of 1 M (39 in.) of the fixture.
- 17) When hanging the fixture, you must verify that the point of installation can withstand 10 times the weight of the device hanging.
- 18) Always use a safety rope.

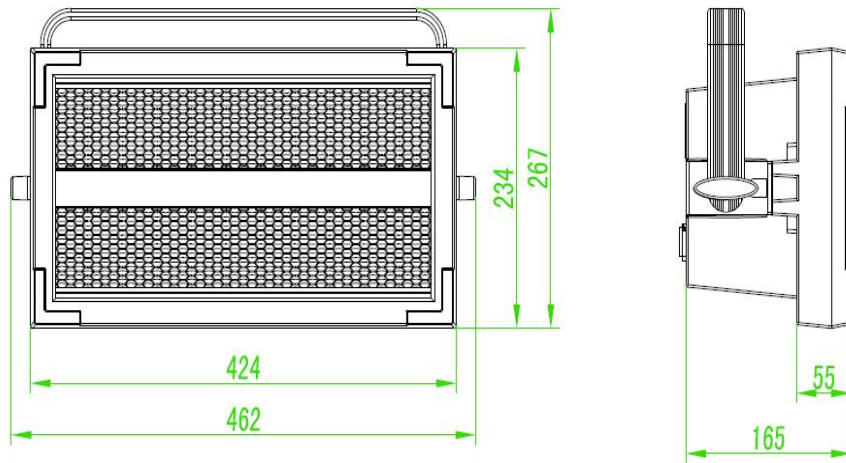
2. Physical Installation

WARNING: Please read the safety instructions carefully before installation

- 1a) Mount a fixture clamp to the hole in the yoke.
- 1b) Mount a fixture clamp to the 1/4-Turn bracket (optional item).
- 2) Rig the fixture to the desired truss or structure.
- 3) Always use a safety rope.
- 4) Tighten the knobs on both sides to lock the tilt orientation of the fixture.
- 5) Connect the power cord and signal cable.



3. Dimensions



4. Technical Specification

- | | |
|------------------------|-------------------------------------|
| 1. Power supply | AC110 -240V |
| 2. Power consumption | 1000 -2000W |
| 3. LED | 228 PCS white +64 RGB |
| 4. Luminous flux | >200000LM |
| 5. Optics | Forward luminescent lens +reflector |
| 6. Beam angle | 90X140° |
| 7. Channel Mode | 3/4/14/19 |
| 8. Protocols | DMX/RDM |
| 9. Protection rating | IP20 |
| 10. Fixture dimensions | 425X245X240mm |
| 11. Net Weight | 6.7kg |

5. Menu Table

Main Menu	Layer-2 menu	Layer-3 menu	Notes
DMX ADDRESS	001-512		Set DMX Address, 1-509
DMX MODE	3-Channel		3-Channel
	4-Channel		4-Channel
	14 EXTENDED		14ch EXTENDED
	19 SECTION		19ch SECTIONS CONTROL
PERSON- ALITY SETTINGS	DIMMER CURVE	LINEAR	Linear dimming curve
		SQUARE LAW	Square law dimming curve
		INV SQUARE LAW	Inverse square law dimming curve
		S-CURVE	S-curve dimming curve
	FAN MODE	AUTO	Auto fan mode
		FAST	Fast speed fan mode
		NORMAL	Normal speed fan speed
		SILENT	Silent fan mode
	DMX RESET	OFF	Reset disable
		ON	Reset enable
	DISPLAY (Time out)	ON	Display always on
		2 Minute	Screen turns off after 2 minutes
		5 Minute	Screen turns off after 5 minutes
		10 Minute	Screen turns off after 10 minutes
	Rotation (Display orientation)	Normal	Display normal direction
		Reverse 180°	Display reversed direction
	DMX Error (Loss of DMX signal)	SAVE	Holds last state
		BLACK	Blackout
	Master Control	ON (send data)	MASTER SEND ENABLE (host mode data enable)
		OFF (no send data)	STANDOLNE (Stand-alone mode)
	Pass code (Password function)	OFF	No pass code mode when in screen protect
		NO	Enable pass code mode when in screen protect
	Fixture ID	XXXX (Value)	
Drop out			
DEFAULT SETTING	FACTORY DEFAULT (reset)	LOAD	Return all setting to factory default
	CUSTOM-1	LOAD	Load custom-1 settings

DEFAULT SETTING		(Load custom-1 parameters)	
		SAVE (save setup parameters)	Save current fixture settings as custom-1. Overwrites existing custom1 setting
	CUSTOM-2	LOAD (Load custom-2 parameters)	Load custom-2 settings
		SAVE (save setup parameters)	Save current fixture settings as custom-2. Overwrites existing custom1 setting
MANUAL	CHANNEL (Channel control)	0-255	Manual control of the individual channels
	RESET	CANCEL	
	RESET	OK	Reset fixture
	UPLOAD (Parameter upload)	NO	
		YES	
TEST	BEAM STATIC (static test)		Beam LEDS activated at low intensity for inspection purpose
	BEAM SECTOR (Strobe testing)		Beam LEDS activated at low intensity for inspection sector bar
	BEAM STROBE (Sections test)		Test beam LED
	RED AURA		Test red Aura LED
	GREEN AURA		Test green Aura LED
	BLUE AURA		Test blue Aura LED
INFORMATION	VERSION	VX.X	D Displays fixture SW version
	TEMPERATURE	XX	Displays LED boards temperature
	RDM UID	6883: xxxxxxxx	Displays unique RDM ID
	ERROR LIST	Temperature Error	Displays Error Information
	FIXTURE TIME	TOTAL X HOUR (lighting time)	Displays total hours of operation since power on

5.DMX Channel chart

3ch mode	4ch mode	Extended mode	Sections mode	Value	Function
1	1	1	1	0-255	Flash master dimmer 0-100% →
			2	0-255	Segment 1 dimming
			3	0-255	Segment 2 dimming
			4	0-255	Segment 3 dimming
			5	0-255	Segment 4 dimming
2	2	2	6	0-255	Flash Duration 7-650ms
3	3	3	7	0-255	Flash Rate 0-17HZ
	4	4	8	0-5 6-42 43-85 86-128 129-171 172-214 215-255	Strobe effect (Controlled by the Flash Rate Channel) No function Fading strobe Darkening strobe Wave strobe Random strobe Lightning strobe Spikes (flash over low light)
		5	9	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-255	Control/setting No function Linear dimming curve Square law dimming curve Inv. Square law dimming curve S-curve dimming curve No function Automatic fan mode Fast fan mode Normal fan mode Silent fan mode No function Reset fixture No function
		6	10	0-255	FX Effect selection Built-in macro (see page 16)
		7	11		FX Effect speed adjustment

		7	11	0-126 127-129 130-255	Speed. Fast to slow stop Reverse speed. Slow to fast
		8	12	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37-100 101-120	FX-Synchronization adjustment No offset offset 10° offset 20° offset 30° offset 40° offset 50° offset 60° offset 70° offset 80° offset 90° offset 100° offset 110° offset 120° offset 130° offset 140° offset 150° offset 160° offset 170° offset 180° offset 190° offset 200° offset 210° offset 220° offset 230° offset 240° offset 250° offset 260° offset 270° offset 280° offset 290° offset 300° offset 310° offset 320° offset 330° offset 340° offset 350° No offset No effects Random start

		8	12	121-140 141-255	Random duration No function
			13	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-183 184-255	Section FX No function 1 2 3 4 No function /Blackout 1+2 2+3 3+4 1+3 2+4 1+4 1+2+3 2+3+4 Forward FX fast to slow Reverse FX slow to fast
		9	14	0-19 20-49 50-200 201-210 211-255	Aura shutter Closed Open Strobe slow to fast Open Random strobe slow to fast
		10	15	0-255	Aura dimmer
		11	16	0-255	RED 0-100%
		12	17	0-255	GREEN 0-100%
		13	18	0-255	BLUE 0-100%
		14	19	0-10 11-15 16-20 21-25 26-30 31-35 36-40 41-45 46-50 51-55 56-60 61-65 66-70	Color presets RGB color mixing enabled Color 1-LEE790-Pink Color 2-LEE157-Pink Color 3-LEE332-Light pink Color 4-LEE328-Pink Color 5-LEE345-Light Lotus Color 6-LEE194-Pink Color 7-LEE181-Congo Blue Color 8-LEE071-Blue Color 9-LEE120-dark blue Color 10-LEE079-Pure Blue Color 11-LEE132-in blue Color 12-LEE200-Double CT Blue

				71-75	Color 13-LEE161-Slate Blue
				76-80	Color 14-LEE201-Full CT Blue
				81-85	Color 15-LEE202- Half CT Blue
				86-90	Color 16-LEE117-Steel Cyan
				91-95	Color 17-LEE353 - Lighter Blue
				96-100	Color 18-LEE118-Light Blue
				101-105	Color 19-LEE116- Medium Green
				106-110	Color 20-LEE124-dark green
				111-115	Color 21-LEE139- original green
				116-120	Color 22-LEE089 - Moss Green
				121-125	Color 23-LEE122 Fern Green
				126-130	Color 24-LEE738 - Elegant green
				131-135	Color 25-LEE088-lime green
		14	19	136-140	Color 26-LEE100-Spring Yellow
				141-145	Color 27-LEE104-Deep Amber
				146-150	Color 28-LEE179-Chrome Orange
				151-155	Color 29-LEE105-Orange
				156-160	Color 30-LEE021-gold amber
				161-165	Color 31-LEE778-Golden Yellow
				166-170	Color 32-LEE135 Deep Golden Amber
				171-175	Color 33-LEE164-Flame Red
				176-180	Color 34 - Magenta
				181-185	Color 35-purple
				186-190	Color 36-white
					Color wheel rotation
				191-214	Clockwise fast-slow
				215-219	Stop (at present color)
				220-243	Counterclockwise slow-fast
					Aura random color
				244-247	Fast
				248-251	Medium
				252-255	Slow

*** FX function and other control priority instructions:**

1. The Aura shutter (ch9 or ch14) needs to be open for the FX effect channel to be activated.
2. The FX effect channel (Ch6 or Ch10) is divided into three segments.

Segment 1:

The channel value 1-50 is the control effect of the main beam, and the aura light is not controlled by this channel;

Segment 2:

The channel value 51-150 is the control effect of both sides of the aura light, the main beam is not controlled by this channel;

Segment 3:

The channel values 151-161 are the combined control effects of the two, and the effects control of other channels are invalid.

** Each segment is invalid, see the following FX effect description.

***FX Description of the effect channel**

DMX Value	Effect	DMX Value	Effect	DMX Value	Effect
	Beam effects	81	Random subtle wave	135	Color shaker CW vertical
0	No function			136	Color shaker CW horizontal
1	Wave (sine wave)	82-83	No function	137	Color shaker CW vertical and no black frame
2	Step (50/50 on/off)	84	Red white blue fade	138	Color shaker CW vertical and no black frame
3	Pulse	85	Red white blue snap	139-143	No function
4-5	No function	86-95	No function	144	Swimming pool
6	Double strobe	96	Fire	145	Electric arc
7	Triple strobe	97	Water	146-150	No function
8-10	No function	98	Ice		Combined effects
11	Up, down, flash	99	Hot and cold	151	No function
12	Up Flash, down, flash	100	Warm and fuzzy	152	Thunderstorm
13	Random levels	101	Silver and gold	153	Welding
14-19	No function	102	Gold and silver	154	3 Step strobe
20	House light	103	No function	155	Tick Tock
21-50	No function	104	Circular chase slim	156	Aura ramp beam flash
	Aura effects	105	Circular chase wide	157	Beam ramp aura flash
51	Aura pulse	106-107	No function	158-160	No function
52-53	No function	108	Double circular chase slim	161	Police Car 4
54	Aura ramp			162	Police Car 5
55	No function	109	Double circular chase wide	163	Police Car 6
56	Rainbow wave			164	Police Car 7
57	Rainbow step	110-111	No function	165	Police Car 8
58	Rainbow pulse	112	Vertical scroll	166	Police Car 9
59-60	No function	113	Horizontal scroll (L/R)	167-225	No function
61	RGB wave				
62	RGB step	114-115	No function		
63	RGB pulse	116	Knight Rider slim		
64-65	No function	117	Knight Rider wide		
66	CMY wave	118	Knight Rider slim with CW surface		
67	CMY step				
68	CMY pulse	119	No function		
69-70	No function	120	4 segments scroll		
71	Mix to white wave	121	6 segments scroll		
72	Mix to white step	122-123	No function		
73	Mix to white pulse	124	Police car 1		
74-75	No function	125	Police car 2		
76	Random mix wave	126	Police car 3		
77	Random mix step	127-129	No function		
78	Random mix pulse	130	Full bumps		
79-80	No function				

		131	Split bumps CW vertical		
		132	Split bumps CW horizontal		
		133	Random split bumps CW vertical		
		134	Random split bumps CW horizontal		