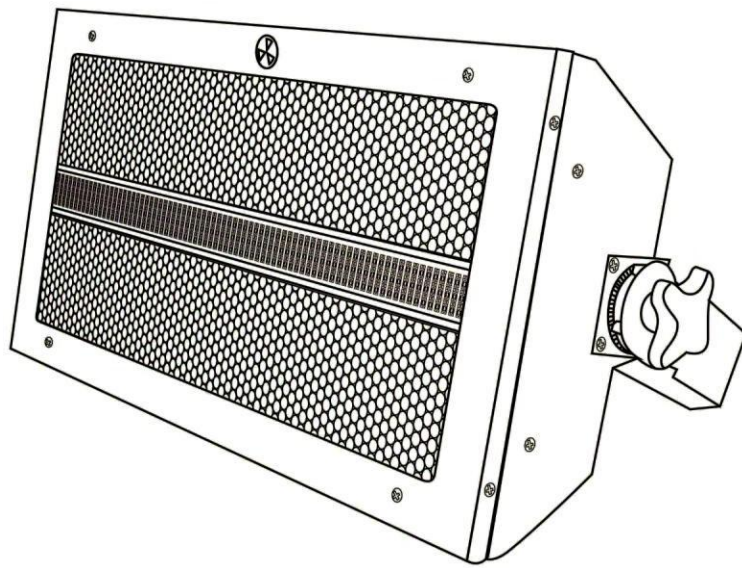


ATOMIC 3000 LED



user manual

please read this manual before connecting your equipment

Introduction

Before turning on the equipment, it is essential that you read the manual of the user. Following the instructions here will ensure your safety and easily achieve the best effect, and you will also understand the correct way to maintain your equipment, therefore prolong the life of the product.

1. Product Description

Thank you for purchasing products. Product has been thoroughly tested and shipped in perfect operating conditions. Check carefully that the packaging where it is shipped does not show any damage, this may have occurred during transport. If it appears damaged, carefully inspect your equipment for any damage and make sure that all necessary accessories to operate the unit have arrived intact.

The STROBE3000 RGB LED is a powerful strobe that can operate via DMX control, manually or automatically with pre-recorded programs, its main function is to produce flashes with full effects in white, it has a background RGB effect that perfectly accompanies the color scenarios.

There are no useful parts inside the unit, do not try to repair it yourself; If you do, you will lose the warranty. In the unlikely event that your equipment requires service, please contact an authorized dealer or the manufacturer.

2. caution

The manufacturer will not accept any responsibility for the resulting damages caused by the breach of this manual or any unauthorized modification of the equipment.

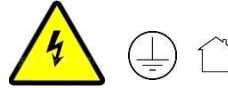
security information

- To reduce the risk of electric shock or fire, secure the connections of your electrical installation. A different voltage or connecting it to a dimmer can cause damage to the equipment.
- Qualified personnel must be the person who transports, carries, installs and operates this equipment, but should refer to the instructions in this manual.
- Do not attempt to operate this unit if the power cord is damaged or broken. Do not attempt to remove or break the physical ground tip of the power supply cord, this tip is to reduce the risk of electric shock or fire in case of an internal short.
- Do not attempt to operate the unit if it is damaged.
- The cables connecting the unit could be damaged if they are in the passage of people or vehicles.
- The team may need service by qualified personnel when:
 1. The power supply cable or the connections have been damaged
 2. The equipment has suffered a fall or a blow.
 3. The equipment does not work normally or shows a marked change in its operation.
- The equipment must be transported in safe conditions so that it does not suffer damage during same.
- The warranty will be lost if the equipment is not operated according to the manual, or if it presents some anomaly like short circuit, blows due to fall or abuse,

2.1 prevent falls

When you hang up a device, please verify that it will be supported by the accessory assembly, truss or stand, and that it is not damaged. As well as the rest of the rigging accessories.

2.2 Prevention of concussion



The electrical connection must match the corresponding characteristics, before installing, make sure that the voltage is adequate and that it is a power outlet with protection. Each equipment must be properly grounded.

2.3 prevent burns or fire



1. For no reason should the equipment be mounted directly or near a surface or

flammable materia  You must consider a distance not less than 3.0 meters.

2. Do not short-circuit the fuse when you need to replace it, use a fuse with the value suitable.

3. Avoid directly seeing the light source

4. During operation, the equipment case becomes very hot, allow the equipment to cool for at least 20 minutes before handling.

6. Never cover the equipment with any items, this could cause overheating and fire.

3. PACKING AND TRANSFER

3.1 unpacked

Note: Before unpacking, check that the box is not damaged, this could mean that the equipment has had some damage as well, make sure the equipment is in good condition before switching it on, in case of being damaged put the complaint before your parcel service or freight

4. DMX operation

MENU

Choice	Function	Display	Explain
FEATURES SETTING 	Run Mode	DMX, Auto, Sound	Modes of operation
	Channel Mode	3, 4 and 14 channels	DMX, 3, 4, 14 channel modes
	Singl Clear	On, Off	
	ECO MODE	On, Off	Power attenuation
	Success		Leave
Handbook 	TEST RUN	car	Automatic mode
		SOUND	Rhythmic Audio Mode
	SIMULATE DMX	Beam intensity	Manual Function Control
		Beam duration	
		Beam rate	
		Beam effect	
		Setting	
		FX select	
		FX adjustement	
		Reserved	
		Background shuter	
		Background dimming	
		Background R	
		Background G	
		Background B	
syste info 	DMX VALUE	CH 1	DMX value of each channel at the moment
		...	
		CH 14	
	REST INFO		No function
	OTHER INFO		Temperature, time information of equipment use, software version
DISPLAY SETTING 	Light Set		Display brightness level
	Light Off		Display off time
	Menu Back		Background shutdown time
	Light Flash	On, Off	Flashing display without signal
	Touch Cali	On, Off	Touch calibration
	Exit		Leave
DIMMER SETTING 	Dimmer Mode		In the purse
	SW Balance	Off	Adjust maximum color level
	Blance Red	0 – 255	
	Green Balance	0 – 255	
	Blue balance	0 – 255	
	White balance	0 – 255	

LANGUAGE 	In 		English Chinese
EXIT 			Leave

DMX Modes

3 channels DMX

Channel	Function	DMX Value	Description
1	Beam intensity (White LED tube)	0	Off
		1-255	LED tube intensity level
2	Flash duration (Beam)	0-255	7 - 650 ms
3	Flash rate	0-5	Strobe Speed (Beam) Slow to Fast

4 DMX channels

Channel	Function	DMX value	Description
1	Beam Intensity (Tube white of leds)	0	Off
		1-255	LED tube intensity level
2	Flash duration (Beam)	0-255	7 - 650 ms
3	Flash rate	0-5	Strobe Rate (Beam) Slow to Quick
4	Effect	0-5	No function
		6-42	Ramp up
		43-85	Ramp down
		86-128	Ramp up, Ramp down
		129-171	Random
		172-214	Lightning
		215-255	Spikes

14 DMX channels, Extended Mode

Channel	Function	DMX value	Description
1	Beam Intensity (Tube white of leds)	0	Off
		1-255	LED tube intensity level
2	Flash duration (Beam)	0-255	7 - 650 ms
3	Flash rate	0-5	Strobe Speed (Beam) Slow to Fast
4	Effect	0-5	No function
		6-42	Ramp up
		43-85	Ramp down
		86-128	Ramp up, Ramp down
		129-171	Random
		172-214	Lightning
		215-255	Spikes
5	No function		
6	Background Effects	0-255	Background Effects
7	Speed Effects Background	0-255	Background Effect Rate
8	No function		
9	Shutter Background	0-19	Shutter closed
		20-49	Shutter open
		50-200	Flash, slow to fast
		201-210	Shutter open
		211-255	Random flash, slow to fast
10	Dimmer Background	0-255	Dimmer background
11	Red background	0-255	Red Background Intensity
12	Green background	0-255	Green Background Intensity
13	Blue background	0-255	Blue Background Intensity
14	Background colors	0-255	Background colors

8. Technical specifications

Light source:240*10W white

LEDs(strobe) 64*0.6W RGB

LEDs(backlight)array Minimu LED

lifetime:50000 hours

Resolution:8 bits per color plus8-bit imming

Control systems:DMX

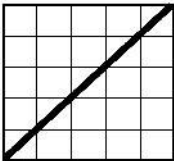
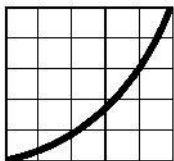
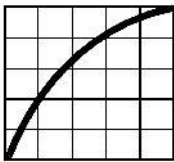
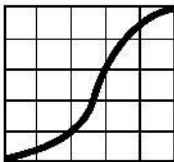
DMX channels:3/4/14channels(same as Martin Atomic)

Setting:Control panel with backlit monochrome display

NG:8.3kg/pcs

GW:9kg

4. control panel configuration

Menu	Function	Display	Description
DMX address		1-XXX	DMX address
Control mode	3 DMX channels		3-channel DMX mode
	4 DMX channels		4-channel DMX mode
	extend		Mode to 14 DMX channels, with background functions in colors
Features	Dimmer curve	linear	Linear dimmer curve 
		square-law	Square dimmer curve (Square-law) 
		Inverse square-law	Inverse square dimmer curve (Square-law) 
		S curve	S curve dimming curve 
	Strobe	LED	Solid LED flash light
		Xenon	Power frequency cycle of flashlight simulate Xenon tube
	Cooling mode	Regulating fan	Cooling fan speed thermostatic control
		Constant fan ultra low	Constant fan speed, ultra-low speed
		Constant fan low	Constant fan speed, low speed
		Constant fan medium	Constant fan speed, medium speed
		Constant fan height	Constant fan speed, high speed

	DMX Reset	off	Forbid Rest by DMX
		on	Rest by DMX
	Display	Sleeping display mode	After 30 seconds, turn off the screen and press any button to wake up
		Not sleeping	Don't turn off the screen
	Error Mode	normal	Any errors detected are displayed on the reset screen
		silent	The error message is not displayed in the screen. You need to see it in the error table.
	Art Net Dmx	shutdown	After the shutdown, receive the control DMX512 signal
		opening	After opening, the art net signal is received, and the control DMX512 is not received
	language	Chinese	Interface Language is Chinese
		English	Interface Language is English
Default setting	Factory Default	Loading	Restore all settings to factory defaults
Info	Boot time	Total boot time	Displays the total operating time despues de manufacture
		Current boot time	Current boot time displays
		Reset Table X time	Counter clear→ Yes/ No Reset counter clear
	Software version	X.X.X	Displays the current program software version
	RDM UID	4D50:XXXXXXXX	Display unique RDM ID
	Fan speed	Basic fan X RPM	Displays the current speed of the basic fan 1, NA,0-10000 RPM
DMX LIVE	Rate	XX Hz	DMX transmission speed, live, In seconds
	Quality	0-100%	Percentage of error packets received, live
	Start code	0-255	The decimal value of the DMX start code, live
	Channel [Y] X	[Y] 0-255	Display DMX values (x) on each channel (y)
TEST	LEDS test	Static beam	Test white LEDs at low intensity
		Flash beam	White LED test
		Beam close	White LEDs off
		R AURA	Try red background LEDs
		G AURA	Try green background LEDs
		B AURA	Test Blue background LEDs
Handbook control	Reboot		Reboot fixture
	Channel [Y]X		Send DMX value [Y] on channel X
	...		
Service	Error table		Displays any valid errors
	Fan clear		OFF / ON stop fan

DMX Modes

5. dmx operation

DMX Channels Mode: 3/4/14 Channels

3-DMX channel mode

3 CH	Function	Value	Introductions
1	Beam flash intensity		Snap
	blackout	0	
	Minimum to maximum intensity	1-255	
2	Beam flash duration		Snap
	7→650 ms	0-255	
3	Beam flash rate		Snap
	0.289→16.67 Hz	0-255	

4-DMX channel mode

CH	Function	Value	Introductions
1	Beam flash intensity		Snap
	blackout	0	
	Minimum to maximum intensity	1-255	
2	Beam flash duration		Snap
	7→650 ms	0-255	
3	Beam flash rate		Snap
	0.289→16.67 Hz	0-255	
4	Beam effect		Snap
	No effect	0-5	
	Ramp up	6-42	
	Ramp down	43-85	

	Ramp up, Ramp down	86-128	
	Random	129-171	
	LIGHTNING	172-214	
	Spikes (flash over low light)	215-255	

14-DMX Model (Extend)

CH	Function	Value	Introductions
1	Beam flash intensity		
	blackout	0	
	Minimum to maximum intensity	1-255	
2	Beam flash duration		
	7→650 ms	0-255	
3	Beam flash rate		
	0hz	0-5	Snap
	0.289→16.67 Hz	6-255	Snap
4	Beam effect		Premise: 3 dmx channels greater than 5 dmx channels
	No effect	0-5	
	Ramp up	6-42	
	Ramp down	43-85	
	Ramp up, Ramp down	86-128	
	Random	129-171	
	LIGHTNING	172-214	
	Spikes (flash over low light)	215-255	
5	Control / setting		
	No function	0-9	
	Reset the entire fixture - 5 seconds	10-14	
	No function	15-22	
	LINEAR DIMMING CURVE - 1 SEC. (MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON)	23	
	SQUARE LAW DIMMING CURVE - 1 SEC. (MENU OVERRIDE, FACTORY DEFAULT SETTING, SETTING UNAFFECTED BY POWER OFF/ON)	24	
	INVERSE SQUARE LAW DIMMING CURVE - 1 SEC. (MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON)	25	
	S-CURVE DIMMING CURVE - 1 SEC. (MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON)	26	
	No function	27-51	
	TURN ON CONTROL PANEL DISPLAY - 1 SEC.	52	
	TURN OFF CONTROL PANEL DISPLAY - 1 SEC	53	
	REGULATED FANS SPEED, FIXED LIGHT OUTPUT INTENSITY = FULL	54	

	DEFAULT SETTING, MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON		
	FIXED FAN SPEED = FULL, REGULATED LIGHT OUTPUT INTENSITY [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	55	
	FIXED FAN SPEED = MEDIUM, REGULATED LIGHT OUTPUT INTENSITY [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	56	
	FIXED FAN SPEED = LOW, REGULATED LIGHT OUTPUT INTENSITY [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	57	
	FIXED FAN SPEED = ULTRA LOW, REGULATED LIGHT OUTPUT INTENSITY [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	58	
	STROBE BEHAVIOR = LED [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	59	
	STROBE BEHAVIOR = XENON [MENU OVERRIDE, SETTING UNAFFECTED BY POWER OFF/ON]	60	
	No function	61-255	
6	FX select Effect Select (See Appendix FX, "preprogrammed effect."")	0-255	
7	FX adjustment Synchronous speed adjust, zero to maximum	0-255	
8	No function	0-255	

Aura control channels

9	Aura flash / shutter effect		Snap
	Shutter closed	0-19	
	Shutter open	20-49	
	Flash , slow→ fast	50-200	
	Shutter open	201-210	
	Random flash, slow→fast	211-255	
10	Aura dimming	0-255	Fade
	Closed→Open		
11	Aura R	0-255	Fade
	0%→100%		
12	Aura G	0-255	Fade
	0%→100%		
13	Aura B	0-255	Fade
	0%→100%		
14	Aura Color preset ('color wheel 'effect)		
	OpenRGB color mixing enabled	0-10	
	Color 1 - LEE 790 - MOROCCAN PINK	11-15	
	Color 2- LEE 157-pink	16-20	
	Color 3 - LEE 332- SPECIAL ROSE PINK	21-25	

Color 4 LEE 328- FOLLIES PINK	26-30
Color 5-LEE 345- FUCHSIA PINK	31-35
Color 6- LEE 194- SURPRISE PINK	36-40
Color 7-LEE 181-Congo blue	41-45
Color 8-LEE 071- TOKYO BLUE	46-50
Color 9 - LEE 120 - DEEP BLUE	51-55
Color 10-LEE 079- JUST BLUE	56-60
Color 11-LEE 132- MEDIUM BLUE	61-65
Color 12- LEE 200- Double CT blue	66-70
Color 13-LEE 161- SLATE BLUE	71-75
Color 14- LEE 201 - FULL CT BLUE	76-80
Color 15- LEE 202-Half CT blue	81-85
Color 16-LEE 117 - steel blue	86-90
Color 17-LEE 353-Lighter blue	91-95
Color 18-LEE 118- LIGHT BLUE	96-100
Color 19-LEE 116- MEDIUM BLUE GREEN	101-105
Color 20-LEE 124-Dark green	106-110
Color 21-LEE 139- PRIMARY GREEN	111-115
Color 22-LEE 089-moss green	116-120
Color 23-LEE 122- FERN GREEN	121-125
Color 24-LEE 738- JAS GREEN	126-130
Color 25-LEE 088- LIME GREEN	131-135
Color 26-LEE 100- SPRING YELLOW	136-140
Color 27-LEE 104- DEEP AMBER	141-145
Color 28-LEE 179- CHROME ORANGE	146-150
Color 29-LEE 105-Orange	151-155
Color 30-LEE 021-Golden Amber	156-160
Color 31-LEE 778- MILLENNIUM GOLD	161-165
Color 32-LEE 135- DEEP GOLDEN AMBER	166-170
Color 33-LEE 164- Flame red	171-175
34-Magenta Color	176-180
Color 35- MEDIUM LAVENDER	181-185
Color 36- withe	186-190
Aura' color wheel rotation' Effect	
clockwise, fast→slow	191-214
Stop (THIS WILL STOP WHEREVER THE COLOR IS AT THE TIME)	215-219
COUNTER-CLOCKWISE, SLOW FAST	220-243
Aura Random colors	
Fast	244-247
MEDIUM	248-251
Slow	252-255

Apéndice: Efectos preprogramados.

Valor DMX	Efecto	Valor DMX	Efecto	Valor DMX	Efecto
	Beam Effect	85	Red white blue snap	145	Electric arc
0	No function	86-95	No function	146-150	No function
1	Wave (sine wave)	96	Fire		Combination effects
2	Step	97	Water	151	No function
3	Pulse	98	Ice	152	Thunderstorm
4-5	No function	99	Hot and cold	153	welding
6	Double Strobe	100	Warm and fuzzy	154	3 Steps strobe
7	Triple Strobe	101	Silver and gold	155	Tick Tock
8-10	No function	102	Gold and silver	156	Aura ramp beam flash
11	Up, down, flash	103	No function	157	Beam ramp aura flash
12	Up,flash,down,flash	104	Circular chase slim	158-160	No function
13	Random levels	105	Circular chase wide	161	Police car 4
14-19	No function	106-107	No function	162	Police car 5
20	House light	108	Double circular chase spindly	163	Police car 6
21-50	No function	109	Double circular chase wide	164	Police car 7
	Aura Effects	110-111	No function	165	Police car 8
51	Aura Pulse	112	Vertical scroll	166	Police car 9
52-53	No function	113	horizontal scroll (L / R)	167-255	No function
54	Aura Ramp	114-115	No function		
55	No function	116	Knight Rider Slim		
56	Rainbow wave	117	Knight Rider Wide		
57	Rainbow step	118	Knight Rider Slim/CW surface		
58	Rainbow Pulse	119	No function		
59-60	No function	120	4 segments scroll		
61	RGB Wave	121	6segments scroll		
62	RGB Step	122-123	No function		
63	RGB Pulse	124	Police car 1		
64-65	No function	125	Police car 2		
66	CMY Wave	126	Police car 3		
67	CMY Step	127-129	No function		
68	CMY Pulse	130	Full bumps		
69-70	No function	131	Split bumps CW vertical		
71	Mix to white waves	132	Split bumps CW horizontal		
72	Mix to white step	133	Random split bumps CW vert		
73	Mix to White pulse	134	Random split bumps CW horiz		
74-75	No function	135	Color Shaker CW vertical		
76	Random mixed wave	136	Color Shaker CW horizontal		
77	Random mixing step	137	Color Shaker CW vertical and no black frame		
78	Random mixing pulse				
79-80	No function	138	Color Shaker CW horizontal and no black frame		
81	Random subtle wave				
82-83	No function	139-143	No function		
84	Red white blue fade	144	Swimming pool		