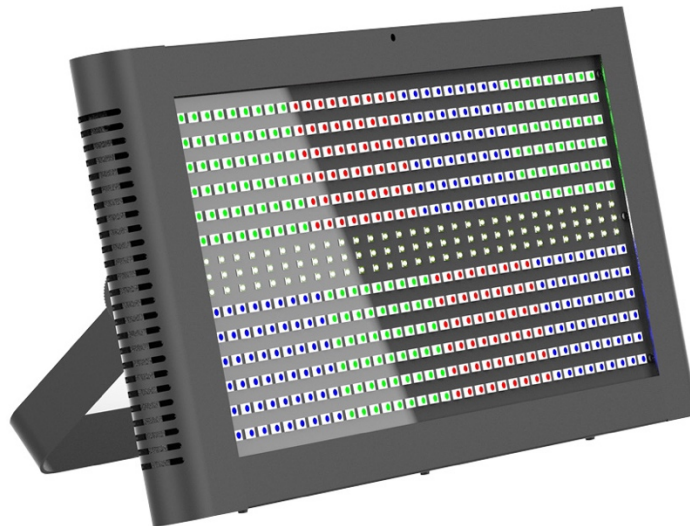




STUNNER400

Hybrid strobe and 36 section eye candy effect

USER MANUAL



For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Version: 10 (28 Sep. 2020)

Safety Instructions

Warning

- Do not open this device, there are no user-serviceable parts inside.
- Do not look at the light source when the device is on.
- This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inches (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- ONLY connect this device to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.
- Keep the device out of direct sunlight. Due to the magnifying type lens, direct sunlight can cause heat to build up and damage the unit.

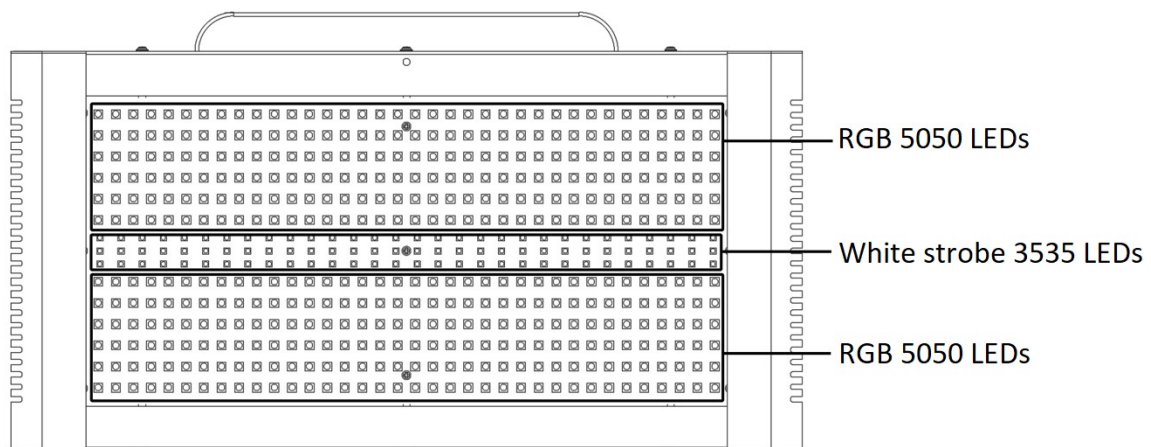
Power Input and Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz. Link up to the maximum of 8A. Do not exceed this.

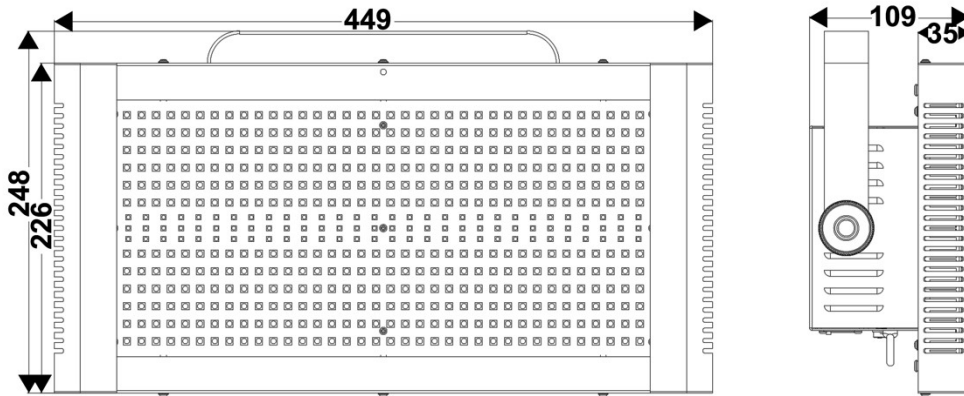
Product Installation

- This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.
- Use a safety chain when mounting this device overhead.

Overview



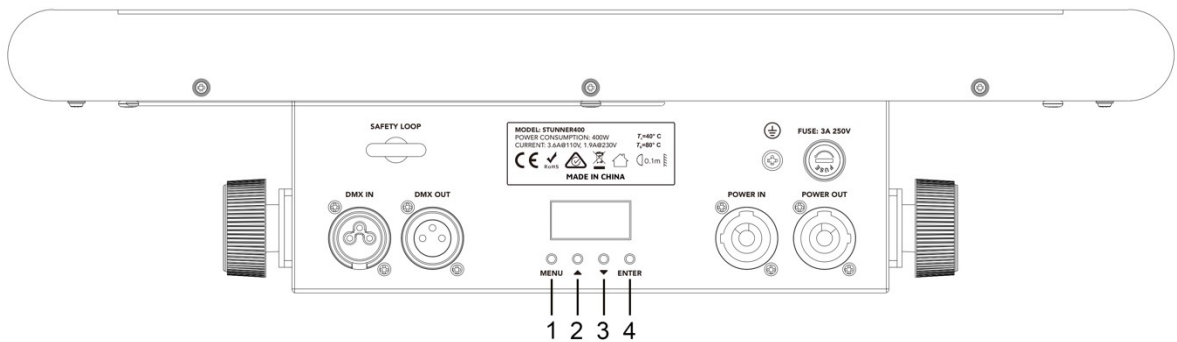
Dimensions



Lux Chart

Distance	1m	2m
R	95	35
G	290	90
B	12	9
W	3300	900
RGB	375	110
Full	3400	950

Menu Operation



1. Menu – Move up a level.
2. Up – Move selection up one item.
3. Down – Move selection down one item.
4. Enter – Select / Move down a level.

Menu

Display	Options/Values	Description
Addr	A001 – A512	Set the DMX address.
Chnd	12ch/45ch/117ch	Set the DMX channel mode.
Mode	Mast/d512	Set master/slave mode.
SoUn	Su 0 ... Su59 Se00 ... Se99	Set sound active mode. Set sound sensitivity.
Auto	Au 0 ... Au59 Sp 1 ... Sp 9	Set auto mode. Auto speed adjustment.
Colo	Co 1 ... Co 7	Set a static colour.
Muan	rEd 0 ... 255 grEE 0 ... 255 bluE 0 ... 255 Whit 0 ... 255 stro 0 ... 255	Red dimmer. Green dimmer. Blue dimmer. White dimmer. Strobe.
dISP	dISP/dSIP	Reverse display.
Ver	V10	Display software version.

Colour	Description
Co 1	Red + strobe
Co 2	Green + strobe
Co 3	Blue + strobe
Co 4	Red + green + strobe
Co 5	Red + blue + strobe
Co 6	Green + blue + strobe
Co 7	Red + green + blue + strobe

Master/Slave Operation

Master/Slave mode allows you to link up to 12 fixtures and operate them without a controller. In Master/Slave mode, the first fixture will control the others. To set up Master/Slave mode, connect each fixture to the previous one using a DMX cable. Leave the first fixture's DMX input unconnected. The other fixtures will be set to slave mode automatically.

DMX Chart

The device is controlled by universal DMX 512 protocol, DMX address is the start channel used to receive instructions from the external controller. For independent control, each fixture must be assigned its unique address control channels. For example, this device has three channel modes: 12/45/117, if we set the mode to 12 channel mode, and there are several models that need to be independently controlled, we just simply address first fixture at 1, and second fixture at 13, third one at 25, etc.

- If the devices have the same address, they will behave synchronically.
- Display is flashing when no DMX signal is received.

MODE / CHANNEL			VALUE		FUNCTION
12CH	45CH	117CH			
1	1	1	000	255	Master dimmer 0% ~ 100%
2			000	008	None
			009	255	RGB 5050 strobe, slow to fast
3			000	255	RGB 5050 red dimmer 0% ~ 100%
4			000	255	RGB 5050 green dimmer 0% ~ 100%
5			000	255	RGB 5050 blue dimmer 0% ~ 100%
6			000	255	White 3535 dimmer 0% ~ 100%
7			000	008	White 3535 no strobe
			009	009	White 3535 strobe
			010	012	White 3535 strobe, slow to fast
			013	013	White 3535 no strobe
			014	131	White 3535 strobe, slow to fast
			132	139	White 3535 no strobe
			140	181	White 3535 pulse strobe from slow to fast, fade in
			182	189	White 3535 no strobe
			190	231	White 3535 pulse strobe from slow to fast, fade out
			232	255	White 3535 no strobe
	2	2	000	008	RGB 5050 none
			009	255	RGB 5050 strobe, slow to fast
	3	3	000	255	White 3535 dimmer 0% ~ 100%
	4	4	000	008	White 3535 no strobe
			009	009	White 3535 strobe
			010	012	White 3535 strobe, slow to fast
			013	013	White 3535 no strobe
			014	131	White 3535 strobe, slow to fast
			132	139	White 3535 no strobe
			140	181	White 3535 pulse strobe from slow to fast, fade in
			182	189	White 3535 no strobe
			190	231	White 3535 pulse strobe from slow to fast, fade out
			232	255	White 3535 no strobe
	5		000	015	Segment 1 colour - White
			016	031	Segment 1 colour - Red
			032	047	Segment 1 colour - Green
			048	063	Segment 1 colour - Blue
			064	079	Segment 1 colour - Red + green (1)
			080	095	Segment 1 colour - Red + green (2)
			096	111	Segment 1 colour - Red + green (3)
			112	127	Segment 1 colour - Red + blue (1)
			128	143	Segment 1 colour - Red + blue (2)
			144	159	Segment 1 colour - Red + blue (3)
			160	175	Segment 1 colour - Green + blue (1)
			176	191	Segment 1 colour - Green + blue (2)
			192	207	Segment 1 colour - Green + blue (3)

			208	255	Segment 1 colour - White
			000	015	Segment 2 colour - White
			016	031	Segment 2 colour - Red
			032	047	Segment 2 colour - Green
			048	063	Segment 2 colour - Blue
			064	079	Segment 2 colour - Red + green (1)
			080	095	Segment 2 colour - Red + green (2)
			096	111	Segment 2 colour - Red + green (3)
	6		112	127	Segment 2 colour - Red + blue (1)
			128	143	Segment 2 colour - Red + blue (2)
			144	159	Segment 2 colour - Red + blue (3)
			160	175	Segment 2 colour - Green + blue (1)
			176	191	Segment 2 colour - Green + blue (2)
			192	207	Segment 2 colour - Green + blue (3)
			208	255	Segment 2 colour - White
	...		...	...	...
			000	015	Segment 36 colour - White
			016	031	Segment 36 colour - Red
			032	047	Segment 36 colour - Green
			048	063	Segment 36 colour - Blue
			064	079	Segment 36 colour - Red + green (1)
			080	095	Segment 36 colour - Red + green (2)
			096	111	Segment 36 colour - Red + green (3)
	40		112	127	Segment 36 colour - Red + blue (1)
			128	143	Segment 36 colour - Red + blue (2)
			144	159	Segment 36 colour - Red + blue (3)
			160	175	Segment 36 colour - Green + blue (1)
			176	191	Segment 36 colour - Green + blue (2)
			192	207	Segment 36 colour - Green + blue (3)
			208	255	Segment 36 colour - White
		5	000	255	Segment 1, red 0% ~ 100%
		6	000	255	Segment 1, green 0% ~ 100%
		7	000	255	Segment 1, blue 0% ~ 100%
		8	000	255	Segment 2, red 0% ~ 100%
		9	000	255	Segment 2, green 0% ~ 100%
		10	000	255	Segment 2, blue 0% ~ 100%
		...	...	...	...
		110	000	255	Segment 36, red 0% ~ 100%
		111	000	255	Segment 36, green 0% ~ 100%
		112	000	255	Segment 36, blue 0% ~ 100%
8	41	113	000	007	No function
			008	012	Chase 1
			013	016	Chase 2
			017	020	Chase 3
			021	024	Chase 4

		025	028	Chase 5
		029	032	Chase 6
		033	036	Chase 7
		037	040	Chase 8
		041	044	Chase 9
		045	048	Chase 10
		049	052	Chase 11
		053	056	Chase 12
		057	060	Chase 13
		061	064	Chase 14
		065	068	Chase 15
		069	072	Chase 16
		073	076	Chase 17
		077	080	Chase 18
		081	085	Chase 19
		086	089	Chase 20
		090	093	Chase 21
		094	097	Chase 22
		098	101	Chase 23
		102	105	Chase 24
		106	109	Chase 25
		110	113	Chase 26
		114	117	Chase 27
		118	121	Chase 28
		122	125	Chase 29
		126	129	Chase 30
		130	133	Chase 31
		134	137	Chase 32
		138	141	Chase 33
		142	145	Chase 34
		146	149	Chase 35
		150	153	Chase 36
		154	158	Chase 37
		159	162	Chase 38
		163	166	Chase 39
		167	170	Chase 40
		171	174	Chase 41
		175	178	Chase 42
		179	182	Chase 43
		183	186	Chase 44
		187	190	Chase 45
		191	194	Chase 46
		195	198	Chase 47
		199	202	Chase 48
		203	206	Chase 49

			207	210	Chase 50
			211	214	Chase 51
			215	218	Chase 52
			219	222	Chase 53
			223	226	Chase 54
			227	231	Chase 55
			232	235	Chase 56
			236	239	Chase 57
			240	243	Chase 58
			244	247	Chase 59
			248	255	Auto Run
9	42	114	000	007	No function
			008	012	Pattern 1
			013	016	Pattern 2
			017	020	Pattern 3
			021	024	Pattern 4
			025	028	Pattern 5
			029	032	Pattern 6
			033	036	Pattern 7
			037	040	Pattern 8
			041	044	Pattern 9
			045	048	Pattern 10
			049	052	Pattern 11
			053	056	Pattern 12
			057	060	Pattern 13
			061	064	Pattern 14
			065	068	Pattern 15
			069	072	Pattern 16
			073	076	Pattern 17
			077	080	Pattern 18
			081	085	Pattern 19
			086	089	Pattern 20
			090	093	Pattern 21
			094	097	Pattern 22
			098	101	Pattern 23
			102	105	Pattern 24
			106	109	Pattern 25
			110	113	Pattern 26
			114	117	Pattern 27
			118	121	Pattern 28
			122	125	Pattern 29
			126	129	Pattern 30
			130	133	Pattern 31
			134	137	Pattern 32
			138	141	Pattern 33

			142	145	Pattern 34
			146	149	Pattern 35
			150	153	Pattern 36
			154	158	Pattern 37
			159	162	Pattern 38
			163	166	Pattern 39
			167	170	Pattern 40
			171	174	Pattern 41
			175	178	Pattern 42
			179	182	Pattern 43
			183	186	Pattern 44
			187	190	Pattern 45
			191	194	Pattern 46
			195	198	Pattern 47
			199	202	Pattern 48
			203	206	Pattern 49
			207	210	Pattern 50
			211	214	Pattern 51
			215	218	Pattern 52
			219	222	Pattern 53
			223	226	Pattern 54
			227	231	Pattern 55
			232	235	Pattern 56
			236	239	Pattern 57
			240	243	Pattern 58
			244	247	Pattern 59
			248	251	Pattern 60
			252	255	Pattern 61
10	43	115	000	015	Pattern Colour 1 - White
			016	031	Pattern Colour 2 - Red
			032	047	Pattern Colour 3 - Green
			048	063	Pattern Colour 4 - Blue
			064	079	Pattern Colour 5 - Red + green (1)
			080	095	Pattern Colour 6 - Red + green (2)
			096	111	Pattern Colour 7 - Red + green (3)
			112	127	Pattern Colour 8 - Red + blue (1)
			128	143	Pattern Colour 9 - Red + blue (2)
			144	159	Pattern Colour 10 - Red + blue (3)
			160	175	Pattern Colour 11 - Green + blue (1)
			176	191	Pattern Colour 12 - Green + blue (2)
			192	207	Pattern Colour 13 - Green + blue (3)
			208	255	Pattern Colour 14 - White
11	44	116	000	015	Background Colour 1 - White
			016	031	Background Colour 2 -Red

			032	047	Background Colour 3 - Green
			048	063	Background Colour 4 - Blue
			064	079	Background Colour 5 - Red + green (1)
			080	095	Background Colour 6 - Red + green (2)
			096	111	Background Colour 7 - Red + green (3)
			112	127	Background Colour 8 - Red + blue (1)
			128	143	Background Colour 9 - Red + blue (2)
			144	159	Background Colour 10 - Red + blue (3)
			160	175	Background Colour 11 - Green + blue (1)
			176	191	Background Colour 12 - Green + blue (2)
			192	207	Background Colour 13 - Green + blue (3)
			208	255	Background Colour 14 - White
12	45	117	000	255	Pattern running speed from slow to fast

Technical Specifications

Power

- Power supply: 100-240v AC, 50/60Hz
- Power consumption: 400W

Photometrics

- Light Source:
 - RGB: 432x 0.2W SMD5050 RGB LEDs
 - Strobe: 90x 3W SMD3535 White LEDs, 6,500-7,500K
- Output: 3,400 lux @ 1m, full on
- LED Lifespan: 50,000 hours

Effects

- Dimming: 0-100%
- Strobe: 0-20hz

Control

- Protocol: DMX512
- DMX Channels: 12/45/117
- Interface: 3-pin DMX in/out
- Operation Modes: DMX, Manual, Auto, Sound Active, Master/Slave
- Display: 4-digit LED display with 4-button control

Housing

- Dimensions: 449*248*109mm
- Weight: 4.55kg

Warranty

Please refer to your local dealer or contact Event Lighting Pty Ltd.