

Octagon retro light

User Manual



This manual contains important information. Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC90-230V, 50/60Hz.
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -20 °C -45 °C, the highest temperature of the surface of the lamp: 60 °C.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light.

2 TECHNOLOGY REFERENCE

Features:

4 Foreground Amber LEDs

64 Background RGB LEDs

All LED's are Individually Controllable via DMX

Built-In Foreground LED Programs

Built-In Background LED Programs

Variable White Color Temperature Control (2,700K ~ 10,000K) (RGB LEDs)

User Selectable LED Refresh Rates (900Hz ~ 25K)

6 User Selectable Dim Modes

4 User Selectable Dim Curves

Electronic Strobe (0.1Hz ~ 20Hz)

Electronic Dimming

Source:

(4) 60W, 2000K, Amber Foreground LEDs

(64) 3W RGB Background LEDs

50,000 Hour Average Life*

*May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

Optical:

Amber: 2000K (+/- 50K)

RGB: 2,700K ~ 10,000K White Color Temperature Range

Output: 220 Lux, 7000 to 8000 Lumens

140° Beam Angle

150° Field Angle

Physical:

IP20, Metal Housing

Safety Eyelet

Digital Display

Coffin Lock System to Interlock up to 8 Vintage X units

Adjustable Hanging Bracket

Omega Clamp Receivers (Omega Clamp Sold Separately)

Control:

DMX512

Aria X2 Wireless Management / DMX System

Bluetooth

RDM and RDM Net Compatible

(10) DMX Channel Modes (10, 16, 25, 42, 47, 196, 203, 210, 214, and 218 Channel modes)

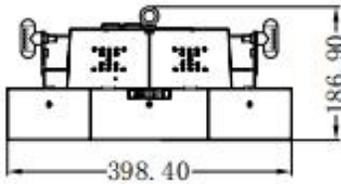
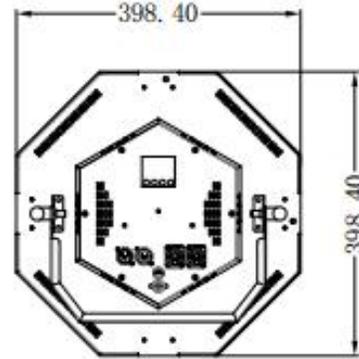
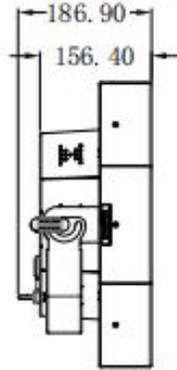
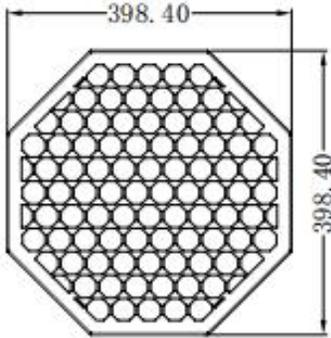
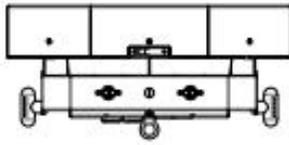
On-board Manual Control Mode

Primary / Secondary Mode

Dimensions & Weight:

Length: 15.7" (398mm) Width: 15.7" (398mm) Height: 7.6" (194mm)

Weight: 18 lbs. (8.2 kg)



3 Board Instruction

MAIN MENU		OPTIONS / VALUES (Default Settings in BOLD)
DMX SETTINGS	DMX Address	001 - 512
	DMX Channel Mode	8ch
		13ch
		22ch
		39ch
		43ch
		196ch
		200ch
		208ch
		211ch
		User Mode
	No DMX	Hold Last
		Blackout
		Manual
Internal Programs		
Prim/Sec Mode	Primary / Secondary	
Select Signal	DMX or Aria X2	
	Aria X2 and DMX Out	
Aria Enable	On / Off	

PERSONALITY	Aria Settings	Frequency	2.4GHz
			Sub Gig US
			Sub Gig EU
		2.4GHz Ch	00 - 15
		Sub Gig Ch	00 - 09
		Mesh	On / Off
		RDM	On / Off
	Bluetooth	On / Off	
	Dim Modes	Standard	
		Stage	
		TV	
		Architectural	
		Theatre	
		Stage 2	
		Dim Speed	0.1s - 10s
LED Refresh Rates	900Hz - 1500Hz, 2500Hz, 4000Hz, 5000Hz, 6000Hz, 10KHz, 15KHz, 20KHz, 25KHz (default = 1200Hz)		

SYSTEM MENU

MAIN MENU		OPTIONS / VALUES (Default Settings in BOLD)		
PERSONALITY (continued)	Dim Curve	Linear		
		Square		
		Inv Squa		
		S Curve		
	Display	Intensity	1 - 10	
		Display Invert	Yes / No	
		Screen Saver Delay	Off - 30sec, 1min, 5min , 10min	
		Key Lock	Off / On	
	Set User Mode	Red 1	1	
		Green 1	2	
		Blue 1	3	
		Red 2	4	
		Green 2	5	
		Blue 2	6	
		Red 3	7	
		Green 3	8	
		Blue 3	9	
		
		Red 64	190	
		Green 64	191	
		Blue 64	192	
		
		Program Fade RGB	207	
		Internal Programs Amber	208	
		Program Speed Amber	209	
	Program Fade Amber	210		
	Special	211		
	Service	Passcode = 050	Effect Adjust (Calibration)	Red 000 - 255
				Green 000 - 255
				Blue 000 - 255
				...
			Factory Restore Passcode = 011	Off / On

MAIN MENU	OPTIONS / VALUES (Default Settings in BOLD)			
MANUAL CONTROL	Red 1	000 - 255		
	Green 1	000 - 255		
	Blue 1	000 - 255		
	Red 2	000 - 255		
		
	Program Speed Amber	000 - 255		
	Program Fade Amber	000 - 255		
	Special Function	000 - 255		
INTERNAL PROGRAMS	Program 1	Speed	000 - 255	
		Fade	000 - 255	
	Program 2	Speed	000 - 255	
		Fade	000 - 255	
	Program 3	Speed	000 - 255	
		Fade	000 - 255	
	
	Program 20	Speed	000 - 255	
		Fade	000 - 255	
	INFORMATION	Fixture Life Time	Power On Time	xxxxxx Hours
P-On Time-R			xxxxxx Hours	
P-On Time-Reset				
Total LED Time		LED On Time	xxxxxx Hours	
		LED On Time-R	xxxxxx Hours	
		LED Hours Reset	Passcode = 050	
Fixture Temps		LEDs	Current	xxx F / xxx C
		LEDs Max Resetable	Max Resetable	xxx F / xxx C
		Reset Fixture Temp	Yes / No	Passcode = 050
DMX Values		Red 1		
		Green 1		
		Blue 1		
		...		
		Program Fade Amber		
		Special Function		
Error Logs		List errors one by one		
	Reset Errors Log	Yes / No	Passcode = 050	
Software Version	V:xxx			
Aria ID	xx:xx:xx:xx:xx:xx			

Features subject to change without notice

MODE / CHANNELS									VALUES	FUNCTION
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
	1	1							000-255	Red All 0 - 100%
	2	2							000-255	Green All 0 - 100%
	3	3							000-255	Blue All 0 - 100%
					1	1	1	1	000-255	Red 1 0 - 100%
					2	2	2	2	000-255	Green 1 0 - 100%
					3	3	3	3	000-255	Blue 1 0 - 100%
				
					190	190	190	190	000-255	Red 64 0 - 100%
					191	191	191	191	000-255	Green 64 0 - 100%
					192	192	192	192	000-255	Blue 64 0 - 100%
			1	1					000-255	Red Group 1 0 - 100%
			2	2					000-255	Green Group 1 0 - 100%
			3	3					000-255	Blue Group 1 0 - 100%
			4	4					000-255	Red Group 2 0 - 100%
			5	5					000-255	Green Group 2 0 - 100%
			6	6					000-255	Blue Group 2 0 - 100%
			7	7					000-255	Red Group 3 0 - 100%
			8	8					000-255	Green Group 3 0 - 100%
			9	9					000-255	Blue Group 3 0 - 100%
			10	10					000-255	Red Group 4 0 - 100%
			11	11					000-255	Green Group 4 0 - 100%
			12	12					000-255	Blue Group 4 0 - 100%
			13	13					000-255	Red Group 5 0 - 100%
			14	14					000-255	Green Group 5 0 - 100%
			15	15					000-255	Blue Group 5 0 - 100%

DMX TRAITS

Features subject to change without notice										
MODE / CHANNELS									VALUES	FUNCTION
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
			16	16					000-255	Red Group 6 0 - 100%
			17	17					000-255	Green Group 6 0 - 100%
			18	18					000-255	Blue Group 6 0 - 100%
			19	19					000-255	Red Group 7 0 - 100%
			20	20					000-255	Green Group 7 0 - 100%
			21	21					000-255	Blue Group 7 0 - 100%
			22	22					000-255	Red Group 8 0 - 100%
			23	23					000-255	Green Group 8 0 - 100%
			24	24					000-255	Blue Group 8 0 - 100%
	4		25				193		000-255	Amber All 0 - 100%
		4		25	193	193		193	000-255	Amber 1 0 - 100%
		5		26	194	194		194	000-255	Amber 2 0 - 100%
		6		27	195	195		195	000-255	Amber 3 0 - 100%
		7		28	196	196		196	000-255	Amber 4 0 - 100%
		8		29			194	197	000-255	RGB Color Temperature Linear, 2700 - 10,000K
		9	26	30			195	198		RGB Color Temperature Presets
									000-022	Open
									023-099	See Color Temperature Presets Chart
									100-255	No Function
		10	27	31			196	199		64 Color Macros
									000-255	See Color Macros Chart
1	5	11	28	32		197	197	200		Shutter
									000-031	Shutter Closed (LEDs Off)
									032-063	Shutter Open (LEDs On)
									064-095	Strobe Effect, slow to fast
									096-127	Shutter Open (LEDs On)
									128-159	Pulse Effect in Sequences
									160-191	Shutter Open (LEDs On)
									192-223	Random Strobe Effect, slow to fast
									224-255	Shutter Open (LEDs On)
2	6	12	29	33		198	198	201		Dimmer
									000-255	0 to 100%

DMX TRAITS

Features subject to change without notice										
MODE / CHANNELS									VALUES	FUNCTION
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
	7	13	30	34		199	199	202		Dimmer Fine
									000-255	16 bit fine adjustment
										Dim Modes
									000-020	Default to Unit Setting
									021-040	Standard
									041-060	Stage
									061-080	TV
									081-100	Architectural
									101-120	Theatre
									121-140	Stage 2
										Dimming Speed
									141	0.1s
									142	0.2s
									143	0.3s
									144	0.4s
									145	0.5s
		14	31	35			200	203	146	0.6s
									147	0.7s
									148	0.8s
									149	0.9s
									150	1.0s
									151	1.5s
									152	2.0s
									153	3.0s
									154	4.0s
									155	5.0s
									156	6.0s
									157	7.0s
									158	8.0s
									159	9.0s
									160	10.0s
									161-255	Default to Unit Setting
										Dim Curves
									000-020	Square
									021-040	Linear
									041-060	Inv Squa
									061-080	S Curve
									081-255	No Function
										Internal Programs RGB
									000-009	No Function
									010-019	Program 1
									020-029	Program 2
									030-039	Program 3
									040-049	Program 4
									050-059	Program 5
									060-069	Program 6
									070-079	Program 7
									080-089	Program 8
									090-099	Program 9
									100-109	Program 10
3	8	16	33	37				202	205	

DMX TRAITS

Features subject to change without notice										
MODE / CHANNELS									VALUES	FUNCTION
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
3	8	16	33	37			202	205		Internal Programs RGB (continued)
									110-119	Program 11
									120-129	Program 12
									130-139	Program 13
									140-149	Program 14
									150-159	Program 15
									160-169	Program 16
									170-179	Program 17
									180-189	Program 18
									190-199	Program 19
									200-209	Program 20
210-255	No Function									
4	9	17	34	38			203	206		Program Speed RGB
									000-255	Slow to Fast
5	10	18	35	39			204	207		Program Fade RGB
									000-255	Minimum to Maximum
6	11	19	36	40			205	208		Internal Programs Amber
									000-009	No Function
									010-019	Program 1
									020-029	Program 2
									030-039	Program 3
									040-049	Program 4
									050-059	Program 5
									060-069	Program 6
									070-079	Program 7
									080-089	Program 8
									090-099	Program 9
									100-109	Program 10
									110-119	Program 11
									120-129	Program 12
									130-139	Program 13
140-149	Program 14									
150-159	Program 15									
160-169	Program 16									
170-179	Program 17									
180-189	Program 18									
190-199	Program 19									
200-209	Program 20									
210-255	No Function									
7	12	20	37	41			206	209		Program Speed Amber
									000-255	Slow to Fast
8	13	21	38	42			207	210		Program Fade Amber
									000-255	Minimum to Maximum

DMX TRAITS

Features subject to change without notice									VALUES	FUNCTION
MODE / CHANNELS										
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
										Special Functions
									000-010	No Function (Default LED Refresh Rate = 1200 Hz)
									011	900 Hz
									012	910 Hz
									013	920 Hz
									014	930 Hz
									015	940 Hz
									016	950 Hz
									017	960 Hz
									018	970 Hz
									019	980 Hz
									020	990 Hz
									021	1000 Hz
									022	1010 Hz
									023	1020 Hz
									024	1030 Hz
									025	1040 Hz
									026	1050 Hz
									027	1060 Hz
									028	1070 Hz
									029	1080 Hz
									030	1090 Hz
		22	39	43		200	208	211	031	1100 Hz
									032	1110 Hz
									033	1120 Hz
									034	1130 Hz
									035	1140 Hz
									036	1150 Hz
									037	1160 Hz
									038	1170 Hz
									039	1180 Hz
									040	1190 Hz
									041	1210 Hz
									042	1220 Hz
									043	1230 Hz
									044	1240 Hz
									045	1250 Hz
									046	1260 Hz
									047	1270 Hz
									048	1280 Hz
									049	1290 Hz
									050	1300 Hz
									051	1310 Hz
									052	1320 Hz
									053	1330 Hz
									054	1340 Hz
									055	1350 Hz

Features subject to change without notice

MODE / CHANNELS									VALUES	FUNCTION
8CH	13CH	22CH	39CH	43CH	196CH	200CH	208CH	211CH		
										Special Functions (continued)
									056	1360 Hz
									057	1370 Hz
									058	1380 Hz
									059	1390 Hz
									060	1400 Hz
									061	1410 Hz
									062	1420 Hz
									063	1430 Hz
		22	39	43		200	208	211	064	1440 Hz
									065	1450 Hz
									066	1460 Hz
									067	1470 Hz
									068	1480 Hz
									069	1490 Hz
									070	1500 Hz
									071	2500 Hz
									072	4000 Hz
									073	5000 Hz
									074	6000 Hz
									075	10 KHz
									076	15 KHz
									077	20 KHz
									078	25 KHz
									079-255	No Function

4 DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

- a) Check whether approaching the service life of light bulbs, then change it
- b) Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

- a) The bulbs maybe approach the service life, then change it, or the optical components are unclean.
- b) Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

- a) Check whether the fan process naturally and become dirty
- b) Check inner temperature-response control plug is off
- c) Check whether the circuitry is good

4. The computer lamp not controlled by controller during lighting

- a) Check numeral starting address and the connection of communication control circuit
- b) The corresponding channel button of controller is open or not
- c) Check whether the fuse on power supply input jack is broken off

5 AFTER SERVICE

1. Our company offer technical consultation to customers for ever.
2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.
3. In addition to the lamp, also matching accessories are as follows:

accessories: Power line 1 piece **Optional parts:** (customize)



Warranty Card

Name	Model	Production	Purchase

End Use		Sale Store	
Company Name:		Link man:	
Add:		Tel:	
			Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms:

1.If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by nonresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthORIZED
- (7)Fail caused by using the unauthORIZED control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.