

BASE SOFT LIGHT A SERIES

USER MANUAL

July 2018



Safety Information



WARNING

1. Do not open or disassemble the cover to reduce the risk of electric shock.
2. Please wear safety equipment such as safety helmet during work.
3. The work should be done under the direction of approved specialist who is trained in safety and mechanical installations.
4. Be sure to fix the safety chain on the product when installing and moving.
5. Please install the signs below for people to bypass when install the product on high truss.

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Information



A Series is a flat light source lighting fixture mainly used in broadcasting studios, and it is excellent in diffusivity, low in glare and not exposed to elements.

A Series is LED lighting with light color variable control, 2,900~6,000K color temperature control function and R,G,B, Full color LED are used to create scenes fo all parts of the performance or to create various sete of atmosphere.

A Series that uses high efficiency CRI LED light sources can increase lifetime and reduce maintenance cost and power consumption.



Fixture Exterior View



Updating

Dimensions (A6-1.6BF)

mm
(inch)

Updating

Dimensions (A8-2.4BF)

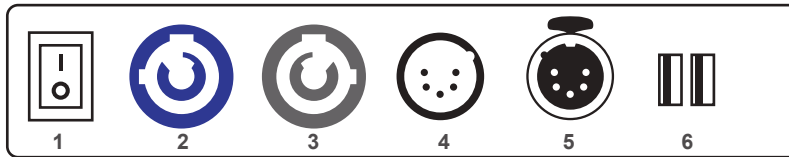
mm
(inch)

Updating

Power Connection

Power Connection

AC power at 100-250V, 50-60Hz



1. ON/OFF SWITCH
2. POWER IN
3. POWER OUT
4. DMX IN
5. DMX OUT
6. USB PORT



1. Observe the proper voltage range
2. If power is supplied outside the range, noise may be generated from the SMPS.
3. If the operating voltage is out of the proper voltage range, SMPS function may be degraded or damaged.

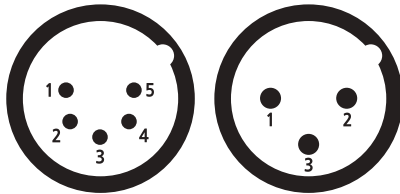
Through and DMX512 Connection

DMX512 Connection

3-pin or 5-pin XLR sockets are equipped for DMX input and output, depending on user needs. Connect the controller to a lighting, or lighting fixture to other lighting fixture. If user uses a standard DMX controller, the DMX output of the controller can connect directly to the DMX input of the first fixture in the DMX chain. User must use an adapter cable for connect the DMX controller to other XLR output.

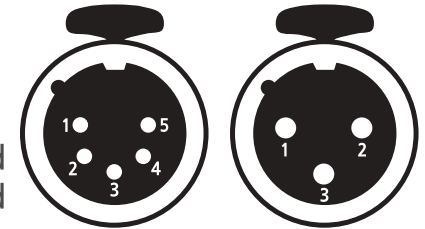
DMX-INPUT XLR Mounting-plugs

- 1-Shield
- 2-Signal (-)
- 3.Signal (+)
- 4-Not Connected
- 5-Not Connected



DMX-OUTPUT XLR Mounting-sockets

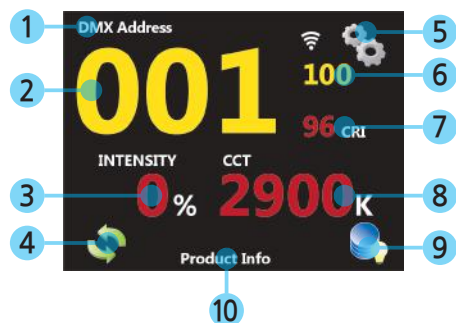
- 1-Shield
- 2-Signal (-)
- 3.Signal (+)
- 4-Not Connected
- 5-Not Connected



Connect the DMX output of the first lighting fixture in DMX chain to the DMX input of the next fixture, and connect one output to the input of the next fixture until all fixtures are connected.

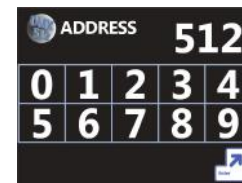
In the last lighting fixture, the DMX cable must be end with a terminator(120 Ω resistor) in DMX output signal (+, -).

Smart LCD Control



Main Screen

- 1 Current Mode
- 2 DMX Address
The number indicates the address of the DMX512. To change the DMX512 Address, touch and input the value.
In normal operation, the number will not blink.
- 3 Intensity (Lighting Brightness)
Displays the brightness value(0~100%) of the equipment.
- 4 Rotate Screen
Change the top and bottom of the LCD screen according to the installation direction of the equipment.
- 5 Setting
Setting or changing the function of the equipment.

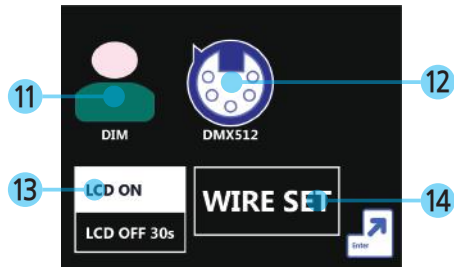


Smart LCD Control

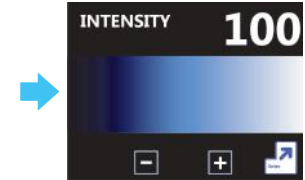
- 6 Wireless communication status
Displays the strength of the connection signal with the wireless module.
- 7 Current CRI
- 8 CCT (Color Temperature)
The number indicates the color temperature of the equipment.
In Mode 1, possible to set the color temperature value user want.
In Mode 2, displays the color temperature value by the channel setting.
- 9 Fixture ID Display
User can set and change any number(001~999) using the touch screen or RDM,
and it is not related to DMX512 Address.
After the input is completed, the set number is changed to the main screen.
- 10 Equipment Information
Displays model number, firmware version and equipment internal temperature.



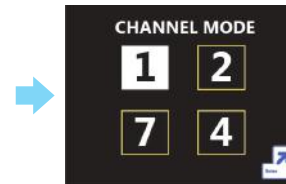
Setting



- 11 Intensity (Lighting Brightness)
Brightness value is adjusted by touch on the gradient or press +, -.



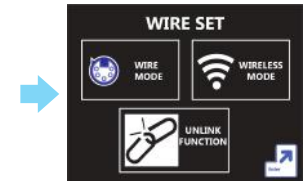
- 12 Channel Mode
 - 1 : Dimming
 - 2 : Dimming, CCT
 - 7 : Dimming, CCT, Cross Fader, RGBW
 - 4 : Dimming, CCT, Cross Fader, Color Macro



**A4-1.2BF only available CH 1, 2 mode*

- 13 LCD Screen Setting
LCD ON : The screen stays on all the time.
LCD OFF 30s : After 30 seconds, the screen goes off.

- 14 Wire Set
Wire Mode: Connect DMX 512 cable
Wireless Mode: Connect Wireless DMX 512
Unlink Function: Disconnect the link of the wireless module.



Error and Information Message

Temperature Sensor

Detects the temperature of the current equipment, and appears the temperature on the LCD when it reaches a certain temperature.

- LED
- Drive
- Housing

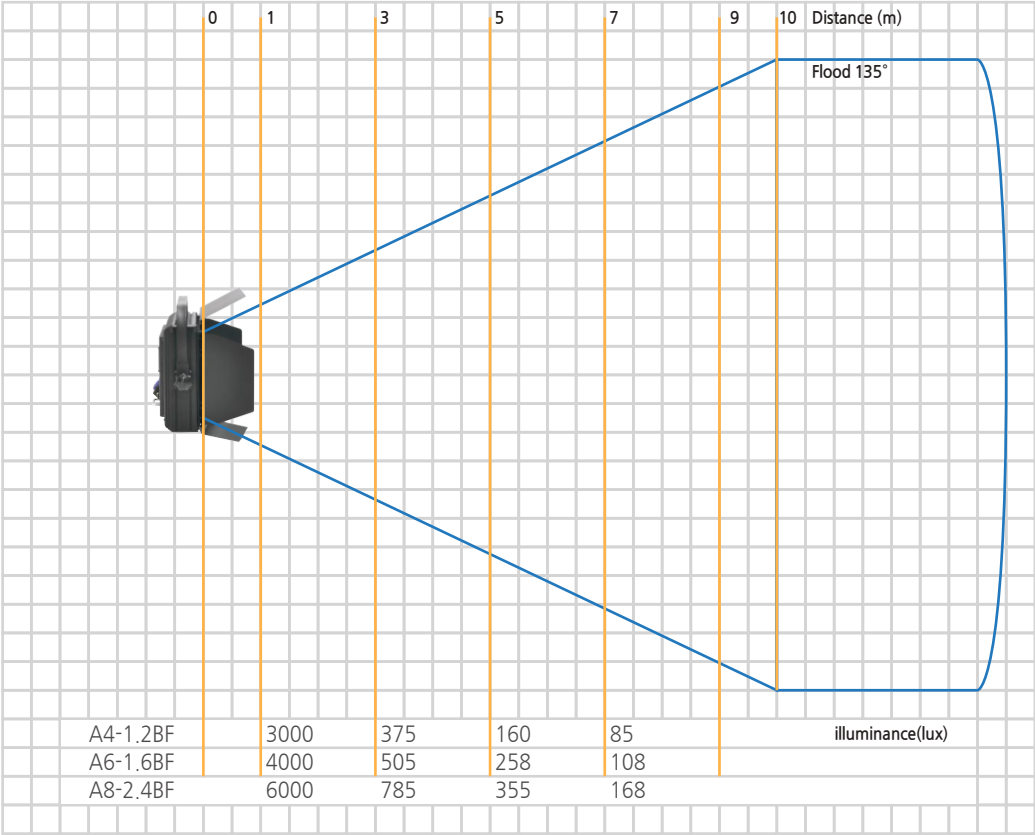
Fan Sensor

The fan speed level is displayed on the LCD by detecting the speed.

Technical Specifications

	A4-1.2BF	A6-1.6BF	A8-2.4BF
Physical Size	570x270x165mm	447x315x165mm	690x350x165mm
Beam Angle	135°		
Weight	6.3kg / Pole Up 8.3kg	7.9kg / Pole Up 9.9kg	10.5kg / Pole Up 12.5kg
Handling	Adjusting Sliding Stirrup, High Strength Tilt Lock		
Mounting	16mm / 28mm		
Tilt Angle	±270°		
Power Supply Range	100-240V, 50/60Hz		
Power Consumption	150W	240W	300W
White Light	Full 2900~6000K (Bi-Color) Full RGB + White (4 Color Gamut with Hue and Saturation Control)		
Color Rendition	CRI 95~98		
Dimming	0~100% Continuous		
Control	5-PIN DMX In and Through, DMX Wireless, LCD On Board Controller, RDM		
Remote Device Management	RDM Setup		
Ambient Temperature Operation	-20~45°C		
IP Rating	IP20		
Estimated LED Lifetime	50,000 hours		

Photometric Diagrams

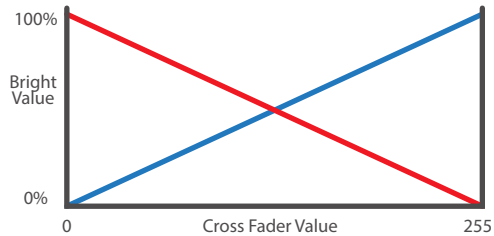


Mode & DMX Channel

Mode	Channel	Value	%	Function
1	1	0-255	0-100	Dimmer
2	1	0-255	0-100	Dimmer
	2	0-255	0-100	Color Temperature (CCT)
4	1	0-255	0-100	Dimmer
	2	0-255	0-100	Color Temperature (CCT)
	3	0-255	0-100	Cross Fader
	4	0-255		Color Macro
7	1	0-255	0-100	Dimmer
	2	0-255	0-100	Color Temperature (CCT)
	3	0-255	0-100	Cross Fader
	4	0-255	0-100	Red
	5	0-255	0-100	Green
	6	0-255	0-100	Blue
	7	0-255	0-100	White

Cross Fader & Color Macro

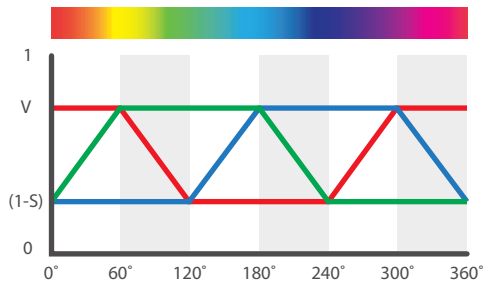
Cross Fader



[In 4 or 7 channel mode]

- When the DMX value of channel 3(Cross Fader) is 0, the set color temperature(CCT) is displayed by channel 2.
- When the DMX value of channel 3 is 255, only Red(channel 4), Green(channel 5), Blue(channel 6) and White(channel 7) color values are displayed.
- As the DMX value of channel 3(Cross Fader) increases, RGB and White values become darker.
- The DMX value of channel 3 adjusts relatively the brightness ratio of channel 2 and channel 4~7.

Color Macro



Channel 4 is Color Macro express rainbow gradation effect.
The order is Red -> Green -> Blue

RDM

Parameter ID	Discovery command	SET command	GET command
DISC_UNIQUE_BRANCH	YES		
DISC_MUTE	YES		
DISC_UN_MUTE	YES		
DEVICE_INFO			YES
SUPPORTED_PARAMETERS			YES
SOFTWARE_VERSION_LABEL			YES
DMX_START_ADDRESS		YES	YES
IDENTIFY_DEVICE		YES	YES
DEVICE_MODEL_DESCRIPTION			YES
MANUFACTURER_LABEL			YES
DEVICE_LABEL		YES	YES
SENSOR_DEFINITION			YES
SENSOR_VALUE			YES
DMX_PERSONALITY		YES	YES
DMX_PERSONALITY_DESCRIPTION			YES
STATUS_MESSAGES			YES

DMX Protocols

MODE #1	DMX Value	Function
CHANNEL 1	0~255	Dimmer 0~100%

MODE #2	DMX Value	Function
CHANNEL 1	0~255	Dimmer 0~100%
CHANNEL 2	0~3	2900
	4~7	2950
	8~11	3000
	12~15	3050
	16~19	3100
	20~23	3150
	24~27	3200
	28~31	3250
	32~35	3300
	36~39	3350
	40~43	3400
	44~47	3450
	48~51	3500
	52~55	3550
	56~59	3600
	60~63	3650
	64~67	3700
	68~71	3750
	72~75	3800

MODE #2	DMX Value	Function
CHANNEL 2	76~79	3850
	80~83	3900
	84~87	3950
	88~91	4000
	92~95	4050
	96~99	4100
	100~103	4150
	104~107	4200
	108~111	4250
	112~115	4300
	116~119	4350
	120~123	4400
	124~127	4450
	128~131	4500
	132~135	4550
	136~139	4600
	140~143	4650
	144~147	4700
	148~151	4750
	152~155	4800
	156~159	4850
	160~163	4900
	164~167	4950

MODE #2	DMX Value	Function
CHANNEL 2	168~171	5000
	172~175	5050
	176~179	5100
	180~183	5150
	184~187	5200
	188~191	5250
	192~195	5300
	196~199	5350
	200~203	5400
	204~207	5450
	208~211	5500
	212~215	5550
	216~219	5600
	220~223	5650
	224~227	5700
	228~231	5750
	232~235	5800
	236~239	5850
	240~243	5900
	244~247	5950
	248~255	6000



For more information and questions,
please visit our [Website\(www.alpha-lite.net\)](http://www.alpha-lite.net),
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