

19x40W RGBW 4in1 Led Moving Head Light



Operation Manual

Parameters:

Voltage: AC100V-240V 50-60Hz

Rated Power: 1000W

Light Source: 19x40W RGBW 4in1 LEDs

Color Temperature: 2800K-8500K

Led Lifetime: 50000 hours

Display: Colorful display

Iris Angel: 4.5° -45°

Control: DMX512, Sound Control, Auto Run

Channels: BAS17CH / BAS21CH / EXT25CH / EXT37CH

Pan: 540°

Tilt: 270°

Strobe: 1-25pcs/second, random

Menu Operation:

Main Menu	Second	Third	Fourth
Dmx Address	000 - 512		
Fixture	Dmx Mode	BAS17CH / BAS21CH / EXT25CH / EXT37CH	
	Run Mode	DMX / Host	
	Pan Invert	Close / Open	
	Tilt Invert	Close / Open	
	No Dmx Signal	Clear / Hold	
	Fan Control	Auto / Silent / High	
Manual	Pan	000 - 255	
	Pan Fine	000 - 255	
	Tilt	000 - 255	
	Tilt Fine	000 - 255	
	⋮	⋮	

Info	Time	Current Time	xxxH
		Total Time	xxxH
		Power Count	xxx
	Sensor	All Sensors are ok! / Pan、 Tilt、 Zoom、 Fan	
	Temperature	Head Temp	xxxC
	Software Version	Panel	Vx.xx
		Network	Vx.xx
Factory	Password	000 - 255	
	Pan	000 - 255	
	Tilt	000 - 255	
	Zoom	000 - 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	White	000 - 255	
Fixture Reset	Motor Reset	Cance / Run	
	Factory	Cance / Run	
Display	Language	CH / EN	
	Display Flip	Normal / Reverse	
	Display Mode	60s / Show	
Network	Protocol	ArtNet / sACN	

	KlingNet	Disable / Enable	
	Universe	000 - 255	
	Ip Address	xxx. xxx. xxx. xxx	
	Subnet Mask	xxx. xxx. xxx. xxx	

Channels:

Basic RGBW (17CH)			
DMXParameter number	Function	Bit Value	Function Detailed Description
1	Red	0-255	RED linear 0 - 100%
2	Green	0-255	GREEN linear 0 -100%
3	Blue	0-255	BLUE linear 0 -100%
4	White	0-255	WHITE linear 0 -100%
5	CTO	0-255	CTO
6	Macro color	0-255	MACRO COLOR
7	Strobe	0 - 3	Light OFF
		4 - 103	Strobe effect linearly variable frequency from low (1Hz) to fast (25Hz)
		104 - 107	Light ON
		108 - 207	Pulsation at linearly variable speed from slow (0.5 Hz) to fast (25 Hz)
		208 - 212	Light ON
		213 - 225	Random Slow Strobe effect
		226 - 238	Random Medium Strobe effect
		239 - 251	Random Fast Strobe effect
		252 - 255	Light ON
8	Dimmer	0-255	DIMMER

9	Dimmer fine	0-255	DIMMER FINE (16 bit)
10	Pan	0-255	PAN
11	Pan fine	0-255	PAN FINE
12	Tilt	0-255	TILT
13	Tilt fine	0-255	TILT FINE
14	Zoom	0-255	ZOOM
15	Color crossfade	0-255	COLOR CROSSFADE
16	Function	0-255	Retain
17	Reset	0-25	Unused range

Basic RGBW 16bit (21CH)

DMXParameter number	Function	Bit Value	Function Detailed Description
1	Red	0-255	RED linear 0 - 100%
2	Red fine	0-255	RED FINE (16 Bit)
3	Green	0-255	GREEN linear 0 -100%
4	Green fine	0-255	GREEN FINE (16 Bit)
5	Blue	0-255	BLUE linear 0 -100%
6	Blue fine	0-255	BLUE FINE (16 bit)
7	White	0-255	WHITE linear 0 -100%
8	White fine	0-255	WHITE FINE (16 bit)
9	CTO	0-255	CTO
10	Macro color	0-255	MACRO COLOR
11	Strobe	0 - 3	Light OFF
		4 - 103	Strobe effect linearly variable frequency from low (1Hz) to fast (25Hz)

		104 - 107	Light ON
		108 - 207	Pulsation at linearly variable speed from slow (0.5 Hz) to fast (25 Hz)
		208 - 212	Light ON
		213 - 225	Random Slow Strobe effect
		226 - 238	Random Medium Strobe effect
		239 - 251	Random Fast Strobe effect
		252 - 255	Light ON
12	Dimmer	0-255	DIMMER
13	Dimmer fine	0-255	DIMMER FINE (16 bit)
14	Pan	0-255	PAN
15	Pan fine	0-255	PAN FINE
16	Tilt	0-255	TILT
17	Tilt fine	0-255	TILT FINE
18	Zoom	0-255	ZOOM
19	Color crossfade	0-255	COLOR CROSSFADE
20	Function	0-255	Retain
21	Reset	0-25	Unused range
		26-255	Wait 5 seconds for automatic restart

Extended RGBW (25CH))

DMXParameter number	Function	Bit Value	Function Detailed Description
1	Red ring 1	0-255	Red Ring 1 linear 0 - 100%
2	Green ring 1	0-255	GREEN Ring 1 linear 0 -100%
3	Blue ring 1	0-255	BLUE Ring 1 linear 0 -100%

4	White ring 1	0-255	WHITE Ring 1 linear 0 - 100%
5	Red ring 2	0-255	Red Ring 2 linear 0 - 100%
6	Green ring 2	0-255	GREEN Ring 2 linear 0 -100%
7	Blue ring 2	0-255	BLUE Ring 2 linear 0 -100%
8	White ring 2	0-255	WHITE Ring 2 linear 0 - 100%
9	Red central led	0-255	Red central led linear 0 - 100%
10	Green central led	0-255	Green central led linear 0 - 100%
11	Blue central led	0-255	Blue central led linear 0 - 100%
12	White central led	0-255	White central led linear 0 - 100%
13	CTO	0-255	CTO
14	Macro color	0-255	MACRO COLOR
15	Strobe	0 - 3	Light OFF
		4 - 103	Strobe effect linearly variable frequency from low (1Hz) to fast (25Hz)
		104 - 107	Light ON
		108 - 207	Pulsation at linearly variable speed from slow (0.5 Hz) to fast (25 Hz)
		208 - 212	Light ON
		213 - 225	Random Slow Strobe effect
		226 - 238	Random Medium Strobe effect
		239 - 251	Random Fast Strobe effect
		252 - 255	Light ON
16	Dimmer	0-255	DIMMER
17	Dimmer fine	0-255	DIMMER FINE (16 bit)
18	Pan	0-255	PAN

19	Pan fine	0-255	PAN FINE
20	Tilt	0-255	TILT
21	Tilt fine	0-255	TILT FINE
22	Zoom	0-255	ZOOM
23	Color crossfade	0-255	COLOR CROSSFADE
24	Function	0-255	Retain
25	Reset	0-25	Unused range
		26-255	Wait 5 seconds for automatic restart

Extended RGBW 16bit (37CH)

DMXParameter number	Function	Bit Value	Function Detailed Description
1	Red ring 1	0-255	Red Ring 1 linear 0 - 100%
2	RED FINE Ring 1		Red fine ring 1
3	Green ring 1	0-255	GREEN Ring 1 linear 0 -100%
4	RED FINE Ring 1		GREEN Red fine ring 1
5	Blue ring 1	0-255	BLUE Ring 1 linear 0 -100%
6	RED FINE Ring 1		BLUE fine ring 1
7	White ring 1	0-255	WHITE Ring 1 linear 0 - 100%
8	RED FINE Ring 1		WHITE fine ring 1
9	Red ring 2	0-255	Red Ring 2 linear 0 - 100%
10	RED FINE Ring 1		Red fine ring 2
11	Green ring 2	0-255	GREEN Ring 2 linear 0 -100%
12	RED FINE Ring 1		GREEN fine ring 2
13	Blue ring 2	0-255	BLUE Ring 2 linear 0 -100%

14	RED FINE Ring 1		BLUE Red fine ring 2
15	White ring 2	0-255	WHITE Ring 2 linear 0 - 100%
16	RED FINE Ring 1		WHITE fine ring 2
17	Red central led	0-255	Red central led linear 0 - 100%
18	RED FINE Central led		RED FINE Central led
19	Green central led	0-255	Green central led linear 0 - 100%
20	RED FINE Central led		GREEN FINE Central led
21	Blue central led	0-255	Blue central led linear 0 - 100%
22	RED FINE Central led		BLUE FINE Central led
23	White central led	0-255	White central led linear 0 - 100%
24	RED FINE Central led		WHITE FINE Central led
25	CTO	0-255	CTO
26	Macro color	0-255	MACRO COLOR
27	Strobe	0 - 3	Light OFF
		4 - 103	Strobe effect linearly variable frequency from low (1Hz) to fast (25Hz)
		104 - 107	Light ON
		108 - 207	Pulsation at linearly variable speed from slow (0.5 Hz) to fast (25 Hz)
		208 - 212	Light ON
		213 - 225	Random Slow Strobe effect
		226 - 238	Random Medium Strobe effect
		239 - 251	Random Fast Strobe effect
		252 - 255	Light ON
28	Dimmer	0-255	DIMMER

29	Dimmer fine	0-255	DIMMER FINE (16 bit)
30	Pan	0-255	PAN
31	Pan fine	0-255	PAN FINE
32	Tilt	0-255	TILT
33	Tilt fine	0-255	TILT FINE
34	Zoom	0-255	ZOOM
35	Color crossfade	0-255	COLOR CROSSFADE
36	Function	0-255	Retain
37	Reset	0-25	Unused range
		26-255	Wait 5 seconds for automatic restart

Maintenance and Cleaning

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION!

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) Clean the fan each week.
- 3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions". Should you need any spare parts, please order genuine parts from your local dealer