



MAIN FEATURES:

- 19x40W RGB+ W LED
- 4.5° to 60° motorized linea zoom
- Ip20

TECHNICAL SPECIFICATIONS:

LIGHT SOURCE

- Source 19x40W RGB+ W LED
- Source life expectancy: 50.000h

OPTICS

- Zoom: 4.0° - 60° Motorized linear zoom
- Lens type: honeycomb gapless plano - convex optics
- Colour system
- Colour mixing: RGBW
- CCT - CCT Control, +/- Green correction, tungsten emulation
- White preset: 2500K - 8000K

DYNAMIC EFFECTS

- Control resolution: 16-Bit dimmer
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colour

BODY

- Body: Plastic IP20 contruction
- Body Colour: Black

CONTROL

- Protocols: DMX512
- DMX channels: 21/23/35/78/92/100/102 Channel
- RDM for remote monitoring and settings
- Display LCD high resolution colour display

CONTROL

- Dimmer: Linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz electronic
- Operating temperature: 0°C / +45° C
- LED control: flickerfree operationg

ELECTRICAL

- Mains power supply: 100-240V 50/60Hz
- Max power consumption: 760W

OTHER SPECIFICATION

- For Outdoor and Indoor installations
- Cooling: Active, silent operation
- Signal connection: 3 Pin DMX
- Power connection: Powercon In/Out
- Dimensions (WxHxD) 520x500x375 mm
- Weight: 20 KG

CERTIFICATIONS

- Certifications / approvals : CEE, UKCA, RCM

21 channel

ch	function	DMX value	detailed information
1	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green 0-100% brightness adjustment, from dark to bright.
4	Green fine tuning	0-255	Green fine tuning
5	blue	0-255	Blue 0-100% brightness adjustment, from dark to bright.
6	Blue fine tuning	0-255	Blue fine tuning
7	white	0-255	White 0-100% brightness adjustment, from dark to bright.
8	White fine tuning	0-255	White fine tuning
9	colour temperature	0-255	Linear control of color temperature
10	Macro color	0-255	Macro change of color
11	stroboscopic	0-3	Lights go out
		4-103	Use the same steps from slow to fast.
		104-107	Light up
		108-207	Strongpoint from slow to fast.
		208-212	Light up
		213-225	Low speed random strobe
		226-238	Medium speed random strobe
		239-251	High speed random strobe
		252-255	Light up
12	light modulator	0-255	0-100 Linear brightness adjustment
13	Fine adjustment of dimmer	0-255	Fine adjustment of dimmer
14	X axis control	0-255	X axis control
15	X-axis fine tuning	0-255	X-axis fine tuning
16	Y axis control	0-255	Y axis control
17	Y axis fine tuning	0-255	Y axis fine tuning
18	function	0-255	Empty (no function)
19	reset	0-250	No function
		251-255	Wait 5 seconds for automatic reset.
20	focus	0-255	Focusing control
21	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast

23 channel

ch	function	DMX value	detailed information
1	X axis control	0-255	X axis control
2	X-axis fine tuning	0-255	X-axis fine tuning
3	Y axis control	0-255	Y axis control
4	Y axis fine tuning	0-255	Y axis fine tuning
5	XY axis velocity	0-255	Speed from slow to fast
6	focus	0-255	Focusing control
7	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
8	light modulator	0-255	0-100% linear brightness adjustment
9	stroboscopic	0-3	light ...
		4-200	Use the same steps from slow to fast.
		201-255	Random spectrum slow
10	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
11	green	0-255	Red 0-100% brightness adjustment, from dark to bright.
12	green	0-255	Red 0-100% brightness adjustment, from dark to bright.
13	white	0-255	Red 0-100% brightness adjustment, from dark to bright.
14	colour temperature	0-255	Linear color temperature control
15	Color macro	0-255	Macro change of color
16	Static effect	0-255	Every 5 DMX values are a static effect.
17	Dynamic effect	0-255	The value of every 5 DMX is a dynamic effect.
18	Dynamic effect speed	0-255	
19	Background color red	0-255	1-100% background red brightness adjustment, from dark to bright.
20	Background color green	0-255	1-100% background blue brightness adjustment, from dark to bright.
21	Background color blue	0-255	1-100% background green brightness adjustment, from dark to bright.
22	Background color is white.	0-255	1-100% background blue brightness adjustment, from dark to bright.
23	reset	0-250	invalid
		251-255	Wait 5 seconds for automatic reset.

35 channel

ch	function	Data multiplexer	detailed information
1	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green 0-100% brightness adjustment, from dark to bright.
4	Green fine tuning	0-255	Green fine tuning
5	blue	0-255	Blue 0-100% brightness adjustment, from dark to bright.
6	Blue fine tuning	0-255	Blue fine tuning
7	white	0-255	White 0-100% brightness adjustment, from dark to bright.
8	White fine tuning	0-255	White fine tuning
9	colour temperature	0-255	Linear control of color temperature
10	Macro color	0-255	Macro change of color
11	stroboscopic	0-3	Light up
		4-103	Use the same steps from slow to fast.
		104-107	Light up
		108-207	Separating stroboscope from slow speed
		208-212	Light up
		213-255	Random flash
12	light modulator	0-255	0-100% linear brightness adjustment
13	Fine adjustment of dimmer	0-255	Fine adjustment of dimmer
14	X axis control	0-255	X axis control
15	X-axis fine tuning	0-255	X-axis fine tuning
16	Y axis control	0-255	Y axis control
17	Y axis fine tuning	0-255	Y axis fine tuning
18	function	0-255	Empty (no function)
19	reset	0-250	No function
		251-255	Wait 5 seconds for automatic reset.
20	focus	0-255	Focusing control
21	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
22	Shape selection	0-255	Choose a shape
23	Shape velocity	0-255	Shape speed control
24	Shape closure	0-255	Shape closure
25	Shape r	0-255	Red shape
26	Shape g	0-255	Green shape
27	Shape b	0-255	Blue shape
28	Shape w	0-255	White shape
29	Shape brightness adjustment	0-255	Shape dimmer 0-100%
30	Background	0-255	Background dimmer 0-100%

	brightness adjustment		
31	Shape change	0-255	Shape change
32	Shape deviation	0-255	Shape deviation
33	Foreground control	0-255	Foreground detector control
34	Background color control	0-255	Background detector control
35	Background selection	0-255	Background selection

DMX CHANNEL MODE

DMX Channels

78 channel

ch	function	Data multiplexer	detailed information
1	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green 0-100% brightness adjustment, from dark to bright.
4	Green fine tuning	0-255	Green fine tuning
5	blue	0-255	Blue 0-100% brightness adjustment, from dark to bright.
6	Blue fine tuning	0-255	Blue fine tuning
7	white	0-255	White 0-100% brightness adjustment, from dark to bright.
8	White fine tuning	0-255	White fine tuning
9	colour temperature	0-255	Linear control of color temperature
10	Macro color	0-255	Macro change of color
11	stroboscopic	0-3	light ...
		4-203	Use the same steps from fast to slow.
		204-255	Random stroboscopic
12	light modulator	0-255	0-100% linear brightness adjustment
13	Fine adjustment of dimmer	0-255	Fine adjustment of dimmer
14	X axis control	0-255	X axis control
15	X-axis fine tuning	0-255	X-axis fine tuning
16	Y axis control	0-255	Y axis control
17	Y axis fine tuning	0-255	Y axis fine tuning
18	function	0-255	Empty (no function)
19	reset	0-250	No function
		251-255	Wait 5 seconds for automatic reset.
20	focus	0-255	Focusing control
21	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
22	Red dimmer 1	0-255	LED1 red dimmer

23	Green dimmer 1	0-255	LED1 green dimmer
24	Blue dimmer 1	0-255	LED1 blue dimmer
25	Red dimmer 2	0-255	LED2 red dimmer
26	Green dimmer 2	0-255	LED2 green dimmer
27	Blue dimmer 2	0-255	LED2 blue dimmer
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...			
76	Red dimmer 19	0-255	LED19 red dimmer
77	Green dimmer	0-255	LED19 green dimmer
78	Blue dimmer 19	0-255	LED19 blue dimmer

DMX CHANNEL MODE

DMX Channels

92 channel

ch	function	Data multiplexer	detailed information
1	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green 0-100% brightness adjustment, from dark to bright.
4	Green fine tuning	0-255	Green fine tuning
5	blue	0-255	Blue 0-100% brightness adjustment, from dark to bright.
6	Blue fine tuning	0-255	Blue fine tuning
7	white	0-255	White 0-100% brightness adjustment, from dark to bright.
8	White fine tuning	0-255	White fine tuning
9	colour temperature	0-255	Linear control of color temperature
10	Macro color	0-255	Macro change of color
11	stroboscopic	0-3	Light up
		4-103	Use the same steps from slow to fast.
		104-107	Light up
		108-207	Separating stroboscope from slow speed
		208-212	Light up
		213-251	Random strongpoint from slow speed
		252-255	Light up
12	light modulator	0-255	0-100% linear brightness adjustment
13	Fine adjustment of dimmer	0-255	Fine adjustment of dimmer
14	X axis control	0-255	X axis control
15	X-axis fine tuning	0-255	X-axis fine tuning
16	Y axis control	0-255	Y axis control
17	Y axis fine tuning	0-255	Y axis fine tuning
18	function	0-255	Empty (no function)
19	reset	0-250	No function
		251-255	Wait 5 seconds for automatic reset.
20	focus	0-255	Focusing control
21	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
22	Shape selection	0-255	Choose a shape
23	Shape velocity	0-255	Shape speed control

24	Shape disappearance	0-255	Shape closure
25	Shape r	0-255	Red shape
26	Shape g	0-255	Green shape
27	Shape b	0-255	Blue shape
28	Shape w	0-255	White shape
29	Shape brightness adjustment	0-255	Shape dimmer 0-100%
30	Background brightness adjustment	0-255	Background dimmer 0-100%
31	Shape transformation	0-255	Shape change
32	Shape deviation	0-255	Shape deviation
33	Foreground control	0-255	Foreground detector control
34	Background color	0-255	Background detector control
	control		
35	Background selection	0-255	Background selection
36	Red dimmer 1	0-255	LED1 red dimmer
37	Green dimmer 1	0-255	LED1 green dimmer
38	Blue dimmer 1	0-255	LED1 blue dimmer
39	Red dimmer 2	0-255	LED2 red dimmer
40	Green dimmer 2	0-255	LED2 green dimmer
41	Blue dimmer 2	0-255	LED2 blue dimmer
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...			
90	Red dimmer 19	0-255	LED19 red dimmer
91	Green dimmer 19	0-255	LED19 green dimmer
92	Blue dimmer 19	0-255	LED19 blue dimmer

DMX CHANNEL MODE

DMX Channels

100 channel

ch	function	DMX value	detailed information
1	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
2	Red fine tuning	0-255	Red fine tuning
3	green	0-255	Green 0-100% brightness adjustment, from dark to bright.
4	Green fine tuning	0-255	Green fine tuning
5	blue	0-255	Blue 0-100% brightness adjustment, from dark to bright.
6	Blue fine tuning	0-255	Blue fine tuning
7	white	0-255	White 0-100% brightness adjustment, from dark to bright.
8	White fine tuning	0-255	White fine tuning
9	colour temperature	0-255	Linear control of color temperature
10	Macro color	0-255	Macro change of color
11	stroboscopic	0-3	Lights go out
		4-203	Use the same steps from slow to fast.
		204-255	Langdon strobe
12	light modulator	0-255	0-100% linear brightness adjustment
13	Fine adjustment of dimmer	0-255	Fine adjustment of dimmer

14	X axis control	0-255	X axis control
15	X-axis fine tuning	0-255	X-axis fine tuning
16	Y axis control	0-255	Y axis control
17	Y axis fine tuning	0-255	Y axis fine tuning
18	function	0-255	Empty (no function)
19	reset	0-250	No function
		251-255	Wait 5 seconds for automatic reset.
20	focus	0-255	Focusing control
21	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
22	Light strip stroboscopic	0-3	Lights go out
		4-250	Synchronous stroboscope
		251-255	Light up
23	Lamp strip effect	0-51	Internal programming color
		52-55	Effect 1
		56-59	Effect 2
		...	Every four values have an effect.
		252-255	Effect 51
24	Speed of light strip	0-255	Speed adjustment of light strip
25	Red dimmer 1	0-255	LED1 red dimmer
26	Green dimmer 1	0-255	LED1 green dimmer
27	Blue dimmer 1	0-255	LED1 blue dimmer
28	White dimmer 1	0-255	LED1 white dimmer
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97	Red dimmer 19	0-255	LED19 red dimmer
98	Green dimmer 19	0-255	LED19 green dimmer
99	Blue dimmer 19	0-255	LED19 blue dimmer
100	White dimmer 19	0-255	LED19 white dimmer

102 channel

ch	function	DMX value	detailed information
1	X axis control	0-255	X axis control
2	X-axis fine tuning	0-255	X-axis fine tuning
3	Y axis control	0-255	Y axis control
4	Y axis fine tuning	0-255	Y axis fine tuning
5	XY axis velocity	0-255	Speed from slow to fast
6	focus	0-255	Focusing control
7	rotate	0-127	0 to 60 degrees
		128-191	Rotate clockwise from slow to fast
		192-255	Rotate counterclockwise from slow to fast
8	light modulator	0-255	0-100% linear hidden weapons modulation
9	stroboscopic	0-3	light ...
		4-200	Use the same steps from slow to fast.
		201-255	Random spectrum slow
10	red	0-255	Red 0-100% brightness adjustment, from dark to bright.
11	green	0-255	Red 0-100% brightness adjustment, from dark to bright.
12	green	0-255	Red 0-100% brightness adjustment, from dark to bright.
13	white	0-255	Red 0-100% brightness adjustment, from dark to bright.
14	colour temperature	0-255	Linear color temperature control
15	Color macro	0-255	Macro change of color
16	Static effect	0-255	Every 5 DMX values are a static effect.
17	Dynamic effect	0-255	The value of every 5 DMX is a dynamic effect.
18	Dynamic effect speed	0-255	
19	Background color red	0-255	1-100% background red brightness adjustment, from dark to bright.
20	Background color green	0-255	1-100% background blue brightness adjustment, from dark to bright.
21	Background color blue	0-255	1-100% background green brightness adjustment, from dark to bright.
22	Background color is white.	0-255	1-100% background blue brightness adjustment, from dark to bright.
23	reset	0-250	No function
		251-255	The reset time is 5 seconds.
24	Light strip stroboscopic	0-3	Lights go out
		4-255	Synchronous stroboscope
		251-255	Light up
25	Lamp strip effect	0-51	Internal programming color
		52-55	Effect 1
		56-59	Effect 2
		...	Every four values have an effect.
		252-255	Effect 51
26	Speed of light band effect	0-255	

27	Red dimmer 1	0-255	LED1 red dimmer
28	Green dimmer 1	0-255	LED1 green dimmer
29	Blue dimmer 1	0-255	LED1 blue dimmer
30	White dimmer 1	0-255	LED1 white dimmer
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...			
99	Red dimmer 19	0-255	LED19 red dimmer
100	Green dimmer 19	0-255	LED19 green dimmer
101	Blue dimmer 19	0-255	LED19 blue dimmer
102	White dimmer 19	0-255	LED19 white dimmer

