CLAIR LIGHTING

LED CYC 10X50W BAR IP65
User's Manual



technical parameter ：

100-240V 50-60Hz
LED: 10 /50W 4-in-1 ultra-bright LEDs
Rated power: 500W
LED lifespan: <30,000 hours
PWM dimming frequency: 1KHz
Dielectric strength: 1.5KV
Insulation resistance: 2M Ω
Control signal: DMX512
Control mode: Single-machine control mode / Master-slave mode
Channel count: 4/9/19/24/40/49CH
Cooling method: natural cooling
4 Button LED Display Settings Address Code
Protection rating: IP65
Light fixture features:
The latest touch control design allows each LED to change color independently.
The online horse race effect is gorgeous and serves as the stage background.

1. Diagram section：



K1: Menu key K2: Confirm key K3: Add key K4: Subtract key

Lock screen unlock: Long press the menu button for 4-5 seconds.

2. Display Window Function Comparison Table

(Bold font in the table is the default value for this item)

main window	First level menu	Secondary Menu	range	illustrate
	DMX Mode	Address	001-512	
		Channel	4CH/9CH/19CH/24CH/49CH/40CH	
	Auto	Dimmer	000-255	
		Effect	01-63	
		Speed	000-240	
		Select Color	R/G/B/GB/RB/RG/W	
	Manual	Dimmer	000-000	
		R	000-255	
		G	000-255	
		B	000-255	
		W	000-255	
	Voice	Dimmer	000-255	
		Mic	01-04	
		Sensitivity	000-240	
		Select Color	R/G/B/GB/RB/RG/W	
	Setting	Signal status	Clear/Hold	
		MS switch	Shut down/Turn on	Shut down: Do not send host data to slave

				Turn on: Send host data to slave
		Fan mode	Controlled/continue	Controlled: The temperature control is normal, the fan is rotating at 45 °C, and the fan is stationary below 40 °C. Temperature control short circuit or open circuit: When the light bulb is on, the fan rotates, and when the light bulb is off, the fan remains stationary for about 20 seconds
		Dim Curve	Linear/Square/Anti-square/S-Line	
		Dim Bit	8bit/16bit	
		Dim Speed	000-255	
		Dim Freq	1-14K	
		Screen Saver	Shut down/Turn on	Shut down: Do not enter screensaver Turn on: Enter screensaver after 30 seconds
		Lock	Shut down/Turn on	
		Language	Chinese/English	
		Rotation	Shut down/Turn on	
		Restore	Shut down/Turn on	
	Lamp Info	Use Time	00:00	
		Current Temp	xx°C	
		Max Temp	xx°C	
		Fan Status	Stop/Run	
		VER	**********	
	ROOT	R Current	20-255 (default 255)	(When the first level menu cursor is on the DMX, press and hold the menu key for 4-5 seconds to enter ROOT mode) (Push) Push the device information to the slave
		G Current	20-255 (default 235)	
		B Current	20-255 (default 235)	
		W Current	20-255 (default 235)	
		Power	50-255 (default 220)	
		Temp Limit	40-80 (default 60)	
		Push	Shut down/Turn on	
		R-Pos	01-04 (default 1) Used to adjust the color and position of the LED beads	
		G-Pos	01-04 (default 2) Used to adjust the color and position of the LED beads	
		B-Pos	01-04 (default 3) Used to adjust the color and position of the LED beads	
		W-Pos	01-04 (default 4) Used to adjust the color and position of the LED beads	

3. DMX512 4Channel description

Serial Number	function	illustrate
Channel 1	R dimming	R Dimming, linear dimming, from dark to bright
Channel 2	G dimming	G Dimming, linear dimming, from dark to bright
Channel 3	B dimming	B Dimming, linear dimming, from dark to bright
Channel 4	W dimming	W Dimming, linear dimming, from dark to bright

4. DMX512 9Channel description

Serial Number	function	illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Strobing	Strobing
Channel 3	macro	0--5:null; 6--9:hop 10--13:Gradient 14--17:Pulse variation /**********/ Effects 4-59 all need to be matched with color push rods for use/**********/ 18--21: effect 4 22--25: effect 5 26--29: effect 6 30--33: effect 7 34--37: effect 8 38--41: effect 9 42--45: effect 10 46--49: effect 11 50--53: effect 12 54--57: effect 13 58--61: effect 14 62--65: effect 15 66--69: effect 16 70--73: effect 17 74--77: effect 18 78--81: effect 19 82--85: effect 20 86--89: effect 21 90--93: effect 22 94--97: effect 23 98--101: effect 24 102--105: effect 25 106--109: effect 26 110--113: effect 27 114--117: effect 28 118--121: effect 29 122--125: effect 30 126--129: effect 31 130--133: effect 32 134--137: effect 33 138--141: effect 34 142--145: effect 35 146--149: effect 36 150--153: effect 37 154--157: effect 38 158--161: effect 39 162--165: effect 40 166--169: effect 41 170--173: effect 42 174--177: effect 43 178--181: effect 44 182--185: effect 45 186--189: effect 46

		190--193: effect 47 194--197: effect 48 198--201: effect 49 202--205: effect 50 206--209: effect 51 210--213: effect 52 214--217: effect 53 218--221: effect 54 222--225: effect 55 226--229: effect 56 230--233: effect 57 234--237: effect 58 238--241: effect 59 242--245: effect 60 Color not selectable 246--249: effect 61 Color not selectable 250--253: effect 62 Color not selectable 254: effect 63 Color not selectable 255: Mic
Channel 4	Macro function speed	Speed, from slow to fast
Channel 5	R Dimming	Dimming, linear dimming, from dark to bright
Channel 6	G Dimming	Dimming, linear dimming, from dark to bright
Channel 7	B Dimming	Dimming, linear dimming, from dark to bright
Channel 8	W Dimming	Dimming, linear dimming, from dark to bright
Channel 9	Background color When there is no macro function, it is used as a normal built-in color	Color selection 1-43 (When there is no macro function, it is used as a color selection and sometimes as a base color)

5. DMX512 19 Channel description

Serial Number	function	illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Strobing	Strobing
Channel 3	macro	0--5:null: 6--9:hop 10--13:Gradient 14--17:Pulse variation /*****************/ Effects 4-59 all need to be matched with color push rods for use/*****************/ 18--21: effect 4 22--25: effect 5 26--29: effect 6 30--33: effect 7 34--37: effect 8 38--41: effect 9 42--45: effect 10 46--49: effect 11 50--53: effect 12 54--57: effect 13 58--61: effect 14 62--65: effect 15 66--69: effect 16 70--73: effect 17 74--77: effect 18 78--81: effect 19 82--85: effect 20 86--89: effect 21 90--93: effect 22 94--97: effect 23 98--101: effect 24

		102–105: effect 25 106–109: effect 26 110–113: effect 27 114–117: effect 28 118–121: effect 29 122–125: effect 30 126–129: effect 31 130–133: effect 32 134–137: effect 33 138–141: effect 34 142–145: effect 35 146–149: effect 36 150–153: effect 37 154–157: effect 38 158–161: effect 39 162–165: effect 40 166–169: effect 41 170–173: effect 42 174–177: effect 43 178–181: effect 44 182–185: effect 45 186–189: effect 46 190–193: effect 47 194–197: effect 48 198–201: effect 49 202–205: effect 50 206–209: effect 51 210–213: effect 52 214–217: effect 53 218–221: effect 54 222–225: effect 55 226–229: effect 56 230–233: effect 57 234–237: effect 58 238–241: effect 59 242–245: effect 60 Color not selectable 246–249: effect 61 Color not selectable 250–253: effect 62 Color not selectable 254: effect 63 Color not selectable 255: Mic
Channel 4	Macro function speed	Speed, from slow to fast
Channel 5	Background color When there is no macro function, it is used as a normal built-in color	Color selection 1-43 (When there is no macro function, it is used as a color selection and sometimes as a base color)
Channel 6	R Dimming	Dimming, linear dimming, from dark to bright
Channel 7	G Dimming	Dimming, linear dimming, from dark to bright
Channel 8	B Dimming	Dimming, linear dimming, from dark to bright
Channel 9	W Dimming	Dimming, linear dimming, from dark to bright
Channel 10	1 Dimming	Linear dimming, from dark to bright
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Channel 19	10 Dimming	Linear dimming, from dark to bright

6. DMX512 24 Channel description

Serial Number	function	illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Strobing	Strobing

Channel 3	R Dimming	Dimming, linear dimming, from dark to bright
Channel 4	G Dimming	Dimming, linear dimming, from dark to bright
Channel 5	B Dimming	Dimming, linear dimming, from dark to bright
Channel 6	W Dimming	Dimming, linear dimming, from dark to bright
Channel 7	Point control total dimming	Point control total dimming (must be pushed up when point control is enabled)
Channel 8	P Dimming	Dimming, linear dimming, from dark to bright
Channel 9	Point control main light R dimming	Control the R of the control point from dark to bright (channels 13-24 need to be pushed up to cooperate)
Channel 10	Point control main light G dimming	Control the G of the control point from dark to bright (channels 13-24 need to be pushed up to cooperate)
Channel 11	Point control main light B dimming	Control the B of the control point from dark to bright (channels 13-24 need to be pushed up to cooperate)
Channel 12	Point control main light W dimming	Control the W of the control point from dark to bright (channels 13-24 need to be pushed up to cooperate)
Channel 13	macro	0--5:null; 6--9:hop 10--13:Gradient 14--17:Pulse variation **********/ Effects 4-59 all need to be matched with color push rods for use/**********/ 18--21: effect 4 22--25: effect 5 26--29: effect 6 30--33: effect 7 34--37: effect 8 38--41: effect 9 42--45: effect 10 46--49: effect 11 50--53: effect 12 54--57: effect 13 58--61: effect 14 62--65: effect 15 66--69: effect 16 70--73: effect 17 74--77: effect 18 78--81: effect 19 82--85: effect 20 86--89: effect 21 90--93: effect 22 94--97: effect 23 98--101: effect 24 102--105: effect 25 106--109: effect 26 110--113: effect 27 114--117: effect 28 118--121: effect 29 122--125: effect 30 126--129: effect 31 130--133: effect 32 134--137: effect 33 138--141: effect 34 142--145: effect 35 146--149: effect 36 150--153: effect 37 154--157: effect 38 158--161: effect 39 162--165: effect 40 166--169: effect 41 170--173: effect 42 174--177: effect 43 178--181: effect 44 182--185: effect 45 186--189: effect 46 190--193: effect 47 194--197: effect 48 198--201: effect 49 202--205: effect 50

		206--209: effect 51 210--213: effect 52 214--217: effect 53 218--221: effect 54 222--225: effect 55 226--229: effect 56 230--233: effect 57 234--237: effect 58 238--241: effect 59 242--245: effect 60 Color not selectable 246--249: effect 61 Color not selectable 250--253: effect 62 Color not selectable 254: effect 63 Color not selectable 255: Mic
Channel 14	Macro function speed	Speed, from slow to fast
Channel 15	LED1 dimming	Control the 1 LED bead to be controlled by point control
Channel 16	LED2 dimming	Control the 2 LED bead to be controlled by point control
Channel 17	LED3 dimming	Control the 3 LED bead to be controlled by point control
Channel 18	LED4 dimming	Control the 4 LED bead to be controlled by point control
Channel 19	LED5 dimming	Control the 5LED bead to be controlled by point control
Channel 20	LED6 dimming	Control the 6 LED bead to be controlled by point control
Channel 21	LED7 dimming	Control the 7 LED bead to be controlled by point control
Channel 22	LED8 dimming	Control the 8 LED bead to be controlled by point control
Channel 23	LED9 dimming	Control the 9 LED bead to be controlled by point control
Channel 24	LED10 dimming	Control the 10 LED bead to be controlled by point control

5. DMX512 49 Channel description

Serial Number	function	illustrate
Channel 1	Total dimming	Total dimming, linear dimming, from dark to bright
Channel 2	Strobing	Strobing
Channel 3	macro	0--5:null: 6--9:hop 10--13:Gradient 14--17:Pulse variation /*****************/ Effects 4-59 all need to be matched with color push rods for use/*****************/ 18--21: effect 4 22--25: effect 5 26--29: effect 6 30--33: effect 7 34--37: effect 8 38--41: effect 9 42--45: effect 10 46--49: effect 11 50--53: effect 12 54--57: effect 13 58--61: effect 14 62--65: effect 15 66--69: effect 16 70--73: effect 17 74--77: effect 18 78--81: effect 19 82--85: effect 20 86--89: effect 21 90--93: effect 22

		94--97: effect 23 98--101: effect 24 102--105: effect 25 106--109: effect 26 110--113: effect 27 114--117: effect 28 118--121: effect 29 122--125: effect 30 126--129: effect 31 130--133: effect 32 134--137: effect 33 138--141: effect 34 142--145: effect 35 146--149: effect 36 150--153: effect 37 154--157: effect 38 158--161: effect 39 162--165: effect 40 166--169: effect 41 170--173: effect 42 174--177: effect 43 178--181: effect 44 182--185: effect 45 186--189: effect 46 190--193: effect 47 194--197: effect 48 198--201: effect 49 202--205: effect 50 206--209: effect 51 210--213: effect 52 214--217: effect 53 218--221: effect 54 222--225: effect 55 226--229: effect 56 230--233: effect 57 234--237: effect 58 238--241: effect 59 242--245: effect 60 Color not selectable 246--249: effect 61 Color not selectable 250--253: effect 62 Color not selectable 254: effect 63 Color not selectable 255: Mic
Channel 4	Macro function speed	Speed, from slow to fast
Channel 5	R Dimming	Dimming, linear dimming, from dark to bright
Channel 6	G Dimming	Dimming, linear dimming, from dark to bright
Channel 7	B Dimming	Dimming, linear dimming, from dark to bright
Channel 8	W Dimming	Dimming, linear dimming, from dark to bright
Channel 9	Background color When there is no macro function, it is used as a normal built-in color	Color selection 1-43 (When there is no macro function, it is used as a color selection and sometimes as a base color)
Channel 10	R1 Dimming	Linear dimming, from dark to bright
Channel 11	G1 Dimming	Linear dimming, from dark to bright
Channel 12	B1 Dimming	Linear dimming, from dark to bright
Channel 13	W1 Dimming	Linear dimming, from dark to bright
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Channel 46	R10 Dimming	Linear dimming, from dark to bright
Channel 47	G10 Dimming	Linear dimming, from dark to bright

Channel 48	B10 Dimming	Linear dimming, from dark to bright
Channel 49	W10 Dimming	Linear dimming, from dark to bright

6. DMX512 40 Channel description

Serial Number	function	illustrate
Channel 1	R1 dimming	Linear dimming, from dark to bright
Channel 2	G1 dimming	Linear dimming, from dark to bright
Channel 3	B1 dimming	Linear dimming, from dark to bright
Channel 4	W1 dimming	Linear dimming, from dark to bright
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Channel 37	R10 dimming	Linear dimming, from dark to bright
Channel 38	G10 dimming	Linear dimming, from dark to bright
Channel 39	B10 dimming	Linear dimming, from dark to bright
Channel 40	W10 dimming	Linear dimming, from dark to bright