

Mini Blinder IP

User Manual



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TECHNICAL PARAMETERS

Light source

Input voltage: AC 100V-240V 50/60HZ

Rated power: 350W

Light source: 178 * 2W, RGBALC six color light source

Optical

Beam angle: 65 ° (35 °/optional optical lenses, etc.)

Whole lamp output luminous flux: 12700 Lm

Color temperature: 1800-8500 K, can achieve fully variable 16 bit color temperature adjustment

Color rendering index: 92+

Light source lifespan: 20000 hours

Controls

Control channels: 1/2/3/4/6/7/13/21/10-1/15-1/10-2/15-2 CH

Protocol: Standard DMX512 protocol, RDM protocol

Data connection: Three core XLR input/output

Display: OLED display operation panel

Updating software through DMX signal for convenient and quick upgrades

Temperature intelligent protection ensures the service life of LED

Effect

Fast flicker: 1-25HZ

LED refresh rate: 2KHZ~23KHZ

Construction

Lamp body structure and heat dissipation

Aluminum alloy die-casting structure

natural heat dissipation

Salt corrosion resistance

Protection level: IP66

Working environment: -40 °C -45 °C

Startup environment: -20 °C -45 °C

Weight&Dimension

Lamp size: 266 × 151 × 301 mm

Net weight: 2.8 KG

1. 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	Channel	1CH/2CH/3CH/4CH/6CH/7CH/13CH/ 21CH /RGB10CH/RGB15CH/CMY10CH/CMY15CH	
		Address	001 -512	
	Auto	Dimmer	000- 255	
		effect	00 -4	
		Speed	000 -100	
	Manual	Dimmer	000- 255	
		Red	000 -255	
		Green	000 -255	
		Blue	000 -255	
		Lemon	000 -255	
		Amber	000 -255	
		Cyan	000 -255	
	CCT	Dimmer	000- 255	
		CCT	1800K -8500K	
	Color Card	Dimmer	000- 255	White balance: Correct the RGB combination to white (around 6500K), and do not change the values arbitrarily afterwards, otherwise it will affect the output of the color card, RGB, and CMY channels
		Color	01 -60 (See the table below)	
		WB R	000-255	
		WB G	000-255	
		WB B	000-255	
	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	fan high /fan auto	Automatic fan: 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 Mode	Standard/ Stage /TV /Architectural/Theatre /Stage2	Standard: Fast dimming Stage/TV/Architecture/Theater: Smooth Dimming Stage 2: Fast light up, smooth light off
		Card Fade	000 -255	Only applicable to color card fading speed
		Bulb Effect	Shut down /Turn on	
		Dim Freq	2K/4K/7K/9K/11K/ 14K /16K/18K/21K/23K	
		Output Mode	Full power /Low power	
		Output balance	Bright/ uniform	Bright: Maintain original color output uniform: Reduce the intensity of

				certain primary colors (through white balance in the color chart) to achieve tone balance
		Screen Saver	Shut down/ Turn on	Turn on: Enter screensaver after 30 seconds
		Lock	Shut down/ Turn on	
		Language	中文/English	
		Rotation	Shut down /Turn on	
		Restore	Shut down /Turn on	
	Lamp Info	Use Time	00	
		Current Temp	xx℃	
		Max Temp	xx℃	
		Fan Status	Stop/Run	
		VER		
	ROOT	R Current	20-255 (default 235)	(When the first level menu cursor is on the DMX, press and hold the menu key for 4-5 seconds to enter ROOT mode)
		G Current	20-255 (default 235)	
		B Current	20-255 (default 235)	
		L Current	20-255 (default 235)	
		A Current	20-255 (default 235)	
		C Current	20-255 (default 235)	
		Power	50-255 (default 185)	
		Temp Limit	40-80 (default 55)	
		Fan Type	2 Line /3 Line	
		Push	Shut down /Turn on (Push device related settings to the slave)	

2. DMX512 channel description

1CH	2CH	3CH	4CH	6CH	7CH	13CH	21CH	RGB 10CH	RGB 15CH	CMY 10CH	CMY 15CH	function
1	1	1	1		1	1	1	1	1	1	1	Total dimming
					2	2	2	2	2	2	2	Main light adjustment
		2			3	3	3	3	3	3	3	Main light flicker 0-31: Lamp beads turn off 32-63: No function 64-95: Normal strobe 96-127: No function 128-159: Pulse strobe 160-191: No function 192-223: Random strobe 224-255: No function
			2	1		4	4	4	4			Red dimming
							5		5			Red fine-tuning
			3	2		5	6	5	6			Green dimming
							7		7			Green fine-tuning
			4	3		6	8	6	8			Blue dimming
							9		9			Blue fine-tuning
				4		7	10					Lemon tone light
							11					Lemon fine-tuning
				5		8	12					Amber tone light
							13					Amber fine-tuning
				6		9	14			4	4	Cyan dimming
							15				5	Cyan fine-tuning

										5	6	Magenta dimming
											7	Magenta fine-tuning
										6	8	Yellow dimming
											9	Yellow fine-tuning
	2	3			4	10		7		7		CCT preset 0-17: empty 18-85:1800K-8500K(See table below) 86-255:8500K
							16		10		10	CCT 0-17:Empty 18-255:1800K-8500K
							17		11		11	Color temperature fine-tuning
					5	11	18	8	12	8	12	Red green ratio (Only used for CCT) 0:0% 1-127:-100% - 0% 128:0% 129-255:0% - +100%
					6	12	19	9	13	9	13	Color card 0: Empty 1-179: Color card(See table below) Color scrolling 180-201: Clockwise (from fast to slow speed) 202-207: Stop 208-229: Counterclockwise (from slow to fast speed) 230-234: Stop
1CH	2CH	3CH	4CH	6CH	7CH	13CH	21CH	RGB 10CH	RGB 15CH	CMY 10CH	CMY 15CH	function
												Randomly display colors 235-239: Quick 240-244: Medium 245-249: Slow speed 250-255: Stop
							20		14		14	(The following settings will take effect after staying for three seconds) 0: empty Dimming mode 1-20: Standard 21-40: Stage 41-60: TV 61-80: Architecture 81-100: Theater 101-120: Stage 2 Color card fading time 121-141: The larger the value, the longer the fade in and fade out time of the color card 142-149:empty Light bulb effect 150-154: On

												155-159: Close 160-255: empty
												(The following settings will take effect after staying for three seconds) 0-24:empty Output mode 25-34: Full power 35-44: Low power 45-99:empty Refresh rate 100-105:2KHZ 106-111:4KHZ 112-117:7KHZ 118-123:9KHZ 124-129:11KHZ 130-135:14KHZ 136-141:16KHZ 142-147:18KHZ 148-153:21KHZ 154-168:23KHZ 169-180: Empty Output Balance 181-182: Bright 183-184: Uniform 185-200: Empty Dimming curve 201-210: Linear 211-220: square 221-230: Anti-Square 231-240: S-Line 241-255: empty
					7	13	21	10	15	10	15	

Color temperature

DMX VLAUE	COLOR TEMPERATURE (K)	DMX VLAUE	COLOR TEMPERATURE (K)
18	1800	57	5700
19	1900	58	5800
20	2000	59	5900
21	2100	60	6000
22	2200	61	6100
23	2300	62	6200
24	2400	63	6300
25	2500	64	6400
26	2600	65	6500
27	2700	66	6600
28	2800	67	6700
29	2900	68	6800
30	3000	69	6900
31	3100	70	7000
32	3200	71	7100
33	3300	72	7200
34	3400	73	7300

35	3500	74	7400
36	3600	75	7500
37	3700	76	7600
38	3800	77	7700
39	3900	78	7800
40	4000	79	7900
41	4100	80	8000
42	4200	81	8100
43	4300	82	8200
44	4400	83	8300
45	4500	84	8400
46	4600	85	8500
47	4700		
48	4800		
49	4900		
50	5000		
51	5100		
52	5200		
53	5300		
54	5400		
55	5500		
56	5600		

COLOR CARD

VALUE	RANGE	COLOR	VALUE	RANGE	COLOR
1	1-3	Oyster white	31	92-94	Heather violet
2	4-6	Beige	32	95-97	Blue lilac
3	7-9	golden	33	98-100	Pearl Purple
4	10-12	Beige color	34	101-103	Pearl Blackberry
5	13-15	Ivory color	35	104-106	Pigeon Blue
6	16-18	Light ivory color	36	107-109	Azure blue
7	19-21	dark yellow	37	110-112	Light Blue
8	22-24	canary yellow	38	113-115	Gentian Blue
9	25-27	Light Orange Yellow	39	116-118	Bright Blue
10	28-30	Yellow Orange	40	119-121	Capri blue
11	31-33	Light Orange	41	122-124	Water Blue
12	34-36	Pure Orange	42	125-127	Far Blue
13	37-39	Salmon Orange	43	128-130	wathet
14	40-42	Pearl Orange	44	131-133	Pearl Gentian Blue
15	43-45	Flame Red	45	134-136	Pearl Night Blue
16	46-48	Signal red	46	137-139	patina green
17	49-51	Carmine	47	140-142	Emerald Green
18	52-54	Ruby Red	48	143-145	Leaf green
19	55-57	Purple red	49	146-148	Grass green
20	58-60	Tomato red	50	149-151	Yellow green
21	61-63	Antique pink	51	152-154	Green traffic
22	64-66	rose pink	52	155-157	Fern green

23	67-69	Coral Red	53	158-160	Opal green
24	70-72	rose	54	161-163	Light green
25	73-75	Traffic Red	55	164-166	Pastel turquoise
26	76-78	Pearl ruby red	56	167-169	Silk Grey
27	79-81	Eastern Red	57	170-172	Cream color
28	82-84	Wine Red	58	173-175	Signal white
29	85-87	Oxidation Red	59	176-178	Light brown
30	88-91	Red lilac	60	179	Orange yellow brown

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.