



Manual



LED Sector 8

Table of contents

1. Safety instructions	3
1.1. FOR SAFE AND EFFICIENT OPERATION	3
2. Technical information	4
3. DMX modes.....	4
3.1. DMX mode 1 (3 channel).....	4
3.2. DMX mode 2 (7 channels).....	5
3.3. DMX mode 3 (24 channels).....	7
3.4. DMX mode 4 (31 channels).....	7
4. Menu.....	10
4.1. Structure of the menu	10
4.2. Description of the menu.....	11
5. Master Slave	13
6. Sound-to-Light.....	13

1. Safety instructions



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or exceeding 104°F /40°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Technical information

- 8 x 3W 3in1 LEDs
- DMX modes (3, 7, 24, 31 channels)
- Sound-to-Light mode via internal microphone
- Digital display for addressing and setup
- Stand-alone mode

3. DMX modes

3.1. DMX mode 1 (3 channel)

Channel	Value	Function
1		Special functions
	0-5	Off
	6-15	Program 1
	16-25	Program 2
	26-35	Program 3
	36-45	Program 4
	46-55	Program 5
	56-65	Program 6
	66-75	Program 7
	76-85	Program 8
	86-95	Program 9
	96-105	Program 10
	106-115	Program 11
	116-125	Program 12
	126-135	Program 13
	136-145	Program 14
	146-155	Program 15
	156-165	Program 16
	166-175	Program 17
	176-185	Program 18
	186-195	Program 19
	196-205	Program 20
	206-215	Walks 10 times through a program, and then changes to the next one and so on.
	216-225	Changes the program after 32 beats.

	>226	Sound-to-light mode, change with every beat
2	0-255	Adjust the speed of the program
3	0-10	Red
	11-20	Green
	21-30	Blue
	31-40	Yellow
	41-50	Mauve
	51-60	Cyan
	61-70	White
	71-80	Main: Red, Side: Blue
	81-90	Main: Green, Side: Yellow
	91-100	Main: Blue, Side: Mauve
	101-110	Main: Yellow, Side: Red
	111-120	Main: Mauve, Side: Yellow
	121-130	Main: Cyan, Side: Red
	131-140	Main: White, Side: Green
	141-170	Color change
	171-200	Color jump
	201-230	Automatic color circuit
	>231	Sound-to-light mode

3.2. DMX mode 2 (7 channels)

Channel	Value	Function
1		Special functions
	0-5	Off
	6-15	Program 1
	16-25	Program 2
	26-35	Program 3
	36-45	Program 4
	46-55	Program 5
	56-65	Program 6
	66-75	Program 7
	76-85	Program 8
	86-95	Program 9
	96-105	Program 10
	106-115	Program 11
	116-125	Program 12
	126-135	Program 13
	136-145	Program 14
	146-155	Program 15
	156-165	Program 16
	166-175	Program 17
176-185	Program 18	
186-195	Program 19	

	196-205	Program 20
	206-215	Walks 10 times through a program, then changes to the next one and so on.
	216-225	Changes the program after 32 beats.
	>226	Sound-to-light mode, change with every beat
2	0-255	Adjust the speed of the program
3	0-120	Adjusts the color of a program
	0-10	Aus
	11-20	Red
	21-30	Green
	31-40	Blue
	41-50	Yellow
	51-60	Mauve
	61-70	Cyan
	71-80	Orange
	81-90	White
	91-100	Purple
	101-110	Rose
	111-120	Green-Yellow
	121-150	Color change
	151-180	Color jump
	181-210	Automatic color circuit
	>211	Sound-to-light mode
4	0-120	Adjusts the color of a program
	0-10	Aus
	11-20	Red
	21-30	Green
	31-40	Blue
	41-50	Yellow
	51-60	Mauve
	61-70	Cyan
	71-80	Orange
	81-90	White
	91-100	Purple
	101-110	Rose
	111-120	Green-Yellow
	121-150	Color change
	151-180	Color jump
	181-210	Automatic color circuit
	>211	Sound-to-light mode
5	0-255	Flash slow to fast
6	0-255	Master dimmer
7	0-255	Adjusts the sensitivity of the microphone

3.3. DMX mode 3 (24 channels)

Channel	Value	Function
1	0-255	Dimmer red LED 1
2	0-255	Dimmer green LED 1
3	0-255	Dimmer blue LED 1
4	0-255	Dimmer red LED 2
5	0-255	Dimmer green LED 2
6	0-255	Dimmer blue LED 2
7	0-255	Dimmer red LED 3
8	0-255	Dimmer green LED 3
9	0-255	Dimmer blue LED 3
10	0-255	Dimmer red LED 4
11	0-255	Dimmer green LED 4
12	0-255	Dimmer blue LED 4
13	0-255	Dimmer red LED 5
14	0-255	Dimmer green LED 5
15	0-255	Dimmer blue LED 5
16	0-255	Dimmer red LED 6
17	0-255	Dimmer green LED 6
18	0-255	Dimmer blue LED 6
19	0-255	Dimmer red LED 7
20	0-255	Dimmer green LED 7
21	0-255	Dimmer blue LED 7
22	0-255	Dimmer red LED 8
23	0-255	Dimmer green LED 8
24	0-255	Dimmer blue LED 8

3.4. DMX mode 4 (31 channels)

Channel	Value	Function
1		Special functions
	0-5	Off
	6-15	Program 1
	16-25	Program 2
	26-35	Program 3
	36-45	Program 4
	46-55	Program 5
	56-65	Program 6
	66-75	Program 7
	76-85	Program 8
	86-95	Program 9
	96-105	Program 10
	106-115	Program 11
	116-125	Program 12

	126-135	Program 13
	136-145	Program 14
	146-155	Program 15
	156-165	Program 16
	166-175	Program 17
	176-185	Program 18
	186-195	Program 19
	196-205	Program 20
	206-215	Walks 10 times through a program, then changes to the next one and so on.
	216-225	Changes the program after 32 beats.
	>226	Sound-to-light mode, change with every beat
2	0-255	Adjust the speed of the program
3	0-120	Adjusts the color of a program
	0-10	Aus
	11-20	Red
	21-30	Green
	31-40	Blue
	41-50	Yellow
	51-60	Mauve
	61-70	Cyan
	71-80	Orange
	81-90	White
	91-100	Purple
	101-110	Rose
	111-120	Green-Yellow
	121-150	Color change
	151-180	Color jump
	181-210	Automatic color circuit
	>211	Sound-to-light mode
4	0-120	Adjusts the color of a program
	0-10	Aus
	11-20	Red
	21-30	Green
	31-40	Blue
	41-50	Yellow
	51-60	Mauve
	61-70	Cyan
	71-80	Orange
	81-90	White
	91-100	Purple
	101-110	Rose
	111-120	Green-Yellow
	121-150	Color change
	151-180	Color jump
	181-210	Automatic color circuit

	>211	Sound-to-light mode
5	0-255	Dimmer red LED 1
6	0-255	Dimmer green LED 1
7	0-255	Dimmer blue LED 1
8	0-255	Dimmer red LED 2
9	0-255	Dimmer green LED 2
10	0-255	Dimmer blue LED 2
11	0-255	Dimmer red LED 3
12	0-255	Dimmer green LED 3
13	0-255	Dimmer blue LED 3
14	0-255	Dimmer red LED 4
15	0-255	Dimmer green LED 4
16	0-255	Dimmer blue LED 4
17	0-255	Dimmer red LED 5
18	0-255	Dimmer green LED 5
19	0-255	Dimmer blue LED 5
20	0-255	Dimmer red LED 6
21	0-255	Dimmer green LED 6
22	0-255	Dimmer blue LED 6
23	0-255	Dimmer red LED 7
24	0-255	Dimmer green LED 7
25	0-255	Dimmer blue LED 7
26	0-255	Dimmer red LED 8
27	0-255	Dimmer green LED 8
28	0-255	Dimmer blue LED 8
29	0-255	Flash slow to fast
30	0-255	Master dimmer
31	0-255	Adjusts the sensitivity of the microphone

4. Menu

4.1. Structure of the menu

Menu	Addr	1	Adjusts the DMX address
		512	
	SHnd	SH 1	SH 1...SH 20: 20 programs
		...	
		MaSt	Automatic walk through all programs
	SLnd	MaSt	Master mode
		SL 1	4 DMX modes: SL 1...SL 4
		SL 2	
		SL 3	
		SL 4	
		Lve	Slave mode
	Soun	1-100	Adjusts the sensitivity of the microphone
		OFF	OFF = Microphone off
	MASt	On/Off	On: Master signal on, Off: Master signal off
	BLnd	yes	LEDs off
		no	LEDs on
	LEd	OFF	Display on/off
		30	Display off after 30, 60, 90 und 120 seconds
		...	
		90	
		120	
	tSte	OFF	OFF = Test function off
		1	Test red LEDs
		2	Test green LEDs
		3	Test blue LEDs
		4	Test white LEDs
	disp	disp/dsip	Display normal or inversion
	fhrs	0	LED run times
	uer	0	Software version
	SiGn	FREE	When DMX offline buffer keep.
BLNd		When DMX offline buffer clear.	
rSet	0	Reset the device. After press ENTER into next level menu. Please press UP/DOWN until the panel display from 0 to HitE, the device will be resettled.	
	HitE		

Tips: Push the MENU-button to reach the first menu and use the UP/Down-buttons to get to submenu. To open the submenu you have to push the ENTER-button, here you can also reach other menu items with the UP/DOWN-buttons, confirm with ENTER. Push the MENU-button to store you settings.

4.2. Description of the menu

Addr – Adjust the DMX address

1. Press UP/DOWN until you can read “Addr” in the display.
2. Press ENTER.
3. 1 appears in the display blinking. With UP/DOWN you can now adjust the DMX address from 1 to 512.
4. Confirm with ENTER.

SHNd – Internal programs

1. Press UP/DOWN until you can read “SHNd” in the display.
2. Press ENTER.
3. Choose with UP/DOWN the required program.
4. Press MENU for 3 seconds to confirm.

ALLC – Master dimmer

1. Press UP/DOWN until you can read “ALLC” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose from 0-100%.
4. Confirm with ENTER.

SLNd – Adjust the DMX mode

1. Press UP/DOWN until you can read “SLNd” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose from
 - MASt = Master for Master Slave mode
 - SL1 = DMX mode 1 (3 channels)
 - SL2 = DMX mode 2 (7 channels)
 - SL3 = DMX mode 3 (24 channels)
 - SL4 = DMX mode 4 (31 channels)
 - Luv = Slave for Master Slave mode
4. Confirm with ENTER.

Soun – Sound to Light

1. Press UP/DOWN until you can read “Soun” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose from 0-100.
4. Confirm with ENTER.

MASt – Setting master signal

1. Press UP/DOWN until you can read “MASt” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “on” or “off”
4. Confirm with ENTER.

BLNd – Blackout or standby mode

1. Press UP/DOWN until you can read “BLNd” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “yes” or “no”
4. Confirm with ENTER.

LEd – Display on and off

1. Press UP/DOWN until you can read “LEd” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “0ff”, “10”, “30”, “90” or “120”
4. Confirm with ENTER.

tSte – Test function

1. Press UP/DOWN until you can read “tSte” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “0ff”, “1”, “2”, “3” or “4”
4. Confirm with ENTER.

disp – Display normal or inversion.

1. Press UP/DOWN until you can read “disp” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “disp” or “dsip”
4. Confirm with ENTER.

fhrS – Display fixture LED run times

1. Press UP/DOWN until you can read „fhrS“ in the display.
2. Press ENTER.
3. Display fixture LED run times.

Uer – Display the software version

1. Press UP/DOWN until you can read „uer“ in the Display.
2. Press ENTER.
3. Display the software version.

SIGn – Freeze or Blackout

1. Press UP/DOWN until you can read “SIGn” in the display.
2. Press ENTER.
3. Use UP/DOWN to choose between “FREE” or “BLnD”
4. Confirm with ENTER.

rSet - Reset

1. Press UP/DOWN until you can read „rSet“ in the display.
2. Press ENTER.
3. Press UP/DOWN until you can read „HitE“ in the display. Now the device is resettled.

5. Master Slave

If you want daisy chain and control more than one item you can use the Master slave mode. To do so you have to daisy chain you items as you would do when you want to set up a DMX chain. You can use max 16 items for this mode. The first item in line is the master and the other items will react according to him. The master item can be set up to the desired program or mode and the others will follow. The slave items should be set up as follows.

1. Press MENU until you can read “SLNd” in the display.
2. Press ENTER.
3. Choose with UP/DOWN “LVE”.
4. Confirm with ENTER.

6. Sound-to-Light

Activate the Sound-to-Light mode how described in 4.2. Now the item will react according to the sensitivity of the mic. This option can be used with the master slave mode as well.

Importer:

B & K Braun GmbH

Industriestraße 2

D-76307 Karlsbad

www.bkbraun.com

info@bkbraun.com

