ignition

USER MANUAL

LED Colorwall 9x3W RGB

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 Table 4
4. Work with the Menu 6
4.1. Menu Structure 6
4.2. Description of Menu 10
5. Master Slaver configuration 13
6. Sound to light 13
7. Technical Data 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 131°F / 55°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

- 9x3W 3in1 RGB
- DMX Modes (1, 2, 5, 7 Channel)
- Sound to light Mode via internal Microphone
- Digitale Display for Addressing and Set Up
- Stand Alone Mode

3. DMX Modes

To use the DMX mode, please adjust the address as explained below at the Menu Structure. You can choose 1, 2, 5 or 7 Channel Mode to control the item via DMX.

3.1. DMX Table

DMX MODE 1 SL (1 Channel)

DMX Channel	Value	Function
1	0 – 255	0 = Off 1 - 255 = Different colourmacros 36

DMX MODE 2 SL (2 Channels)

DMX Channel	Value	Function
1	0 - 255	0 = Off 1 - 255 = Different colourmacros 36
2	0 - 255	0 = Off 1 – 255 = Master dimmer

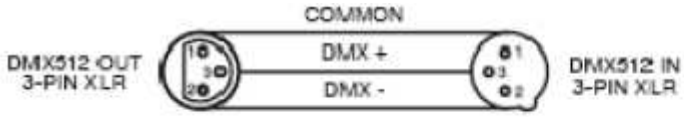
DMX MODE 3 SL (5 Channels)

DMX Channel	Value	Function
1	0 - 255	Adjust red LEDs Dimmer low to high
2	0 - 255	Adjust green LEDs Dimmer low to high
3	0 - 255	Adjust blue LEDs Dimmer low to high
4	0 - 255	0 – 8 LED Flash Off 9 -255 LED Flash speed Adjust low to high
5	0 - 255	0 = Off 1 - 255 = Master dimmer

DMX MODE 4 SL (7 Channels)

DMX Channel	Value	Function
1	0 - 255	Adjust red LEDs Dimmer low to high
2	0 - 255	Adjust green LEDs Dimmer low to high
3	0 - 255	Adjust blue LEDs Dimmer low to high
4	0 - 255	0 – 8 LED Flash Off 9 -255 LED Flash speed Adjust low to high or sound mode 0-128 : Sound static color change 129 – 255 sound flash color change)
5	0 - 255	0 = Off 1 - 255 = Master dimmer
6		Special functions select 0 - 10 LED Flash 11 - 20 Automatic Dimming(upwards) 21 - 30 Automatic Dimming(downwards) 31 – 40 Automatic Dimming(upwards /downwards) 41 -50 Automatic color chase change 51 – 60 Three Color change 61 – 70 Seven Color change 71 – 80 program6 81 – 90 program8 91 – 100 program17 101 – 110 program18 111 – 120 program19 >120 Music control color change
7	0 - 255	Special functions speed or Sound sensitivity

If you use cables longer then 100m you should put in a terminator at the last item in your daisy chain! Use DMX cables with a 120Ω shield only! All plugs should use XLR connectors! The connectors configuration is as follows:

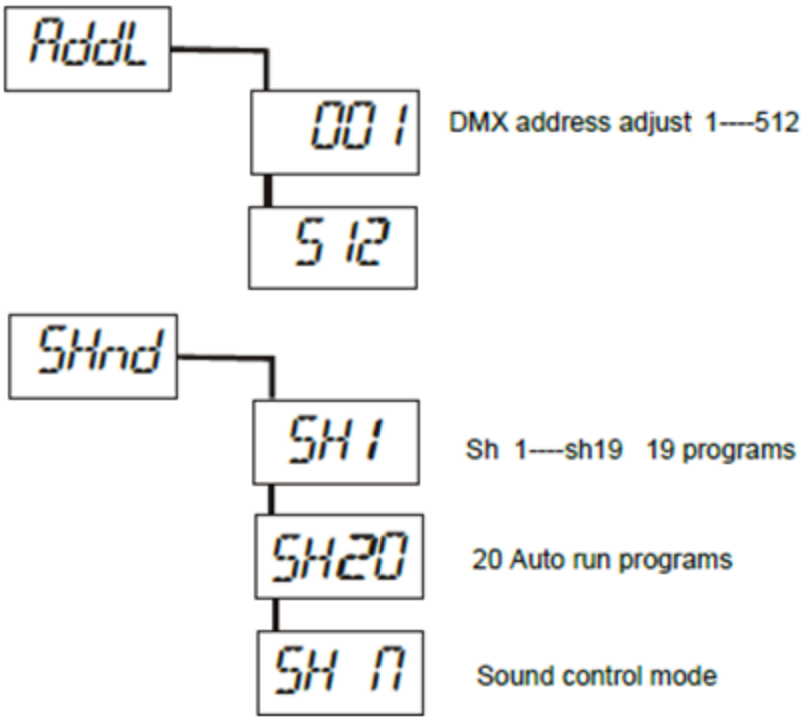


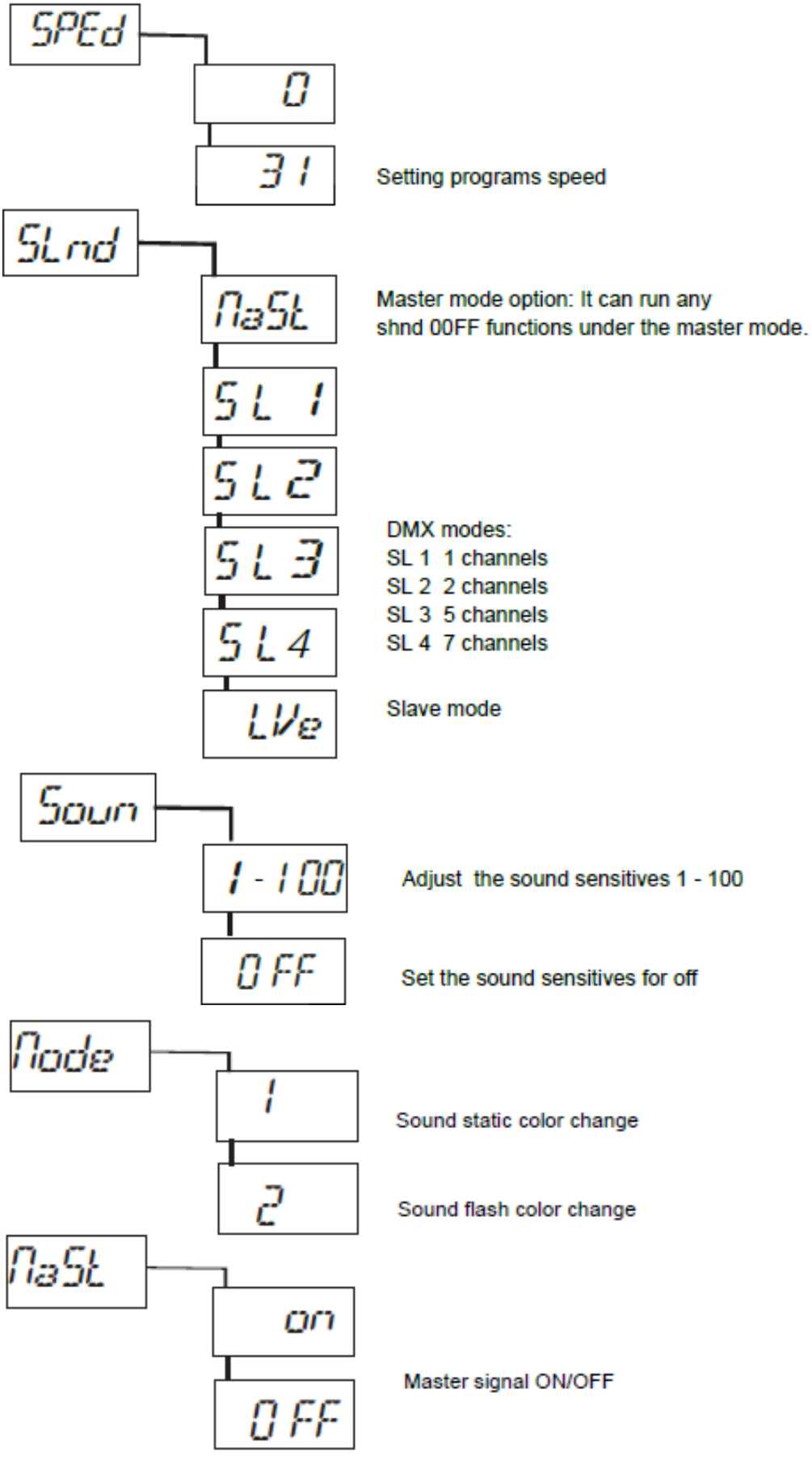
XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

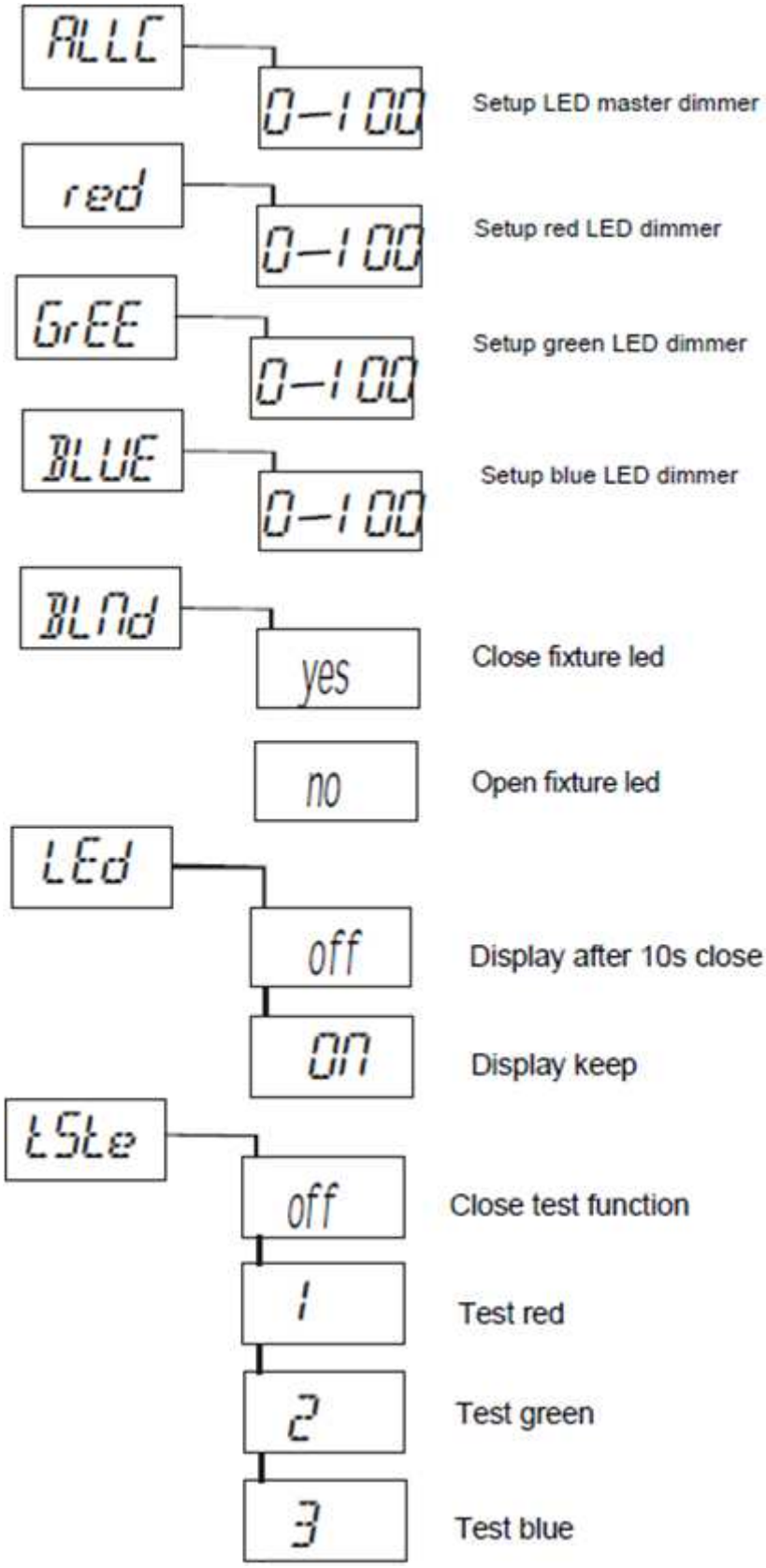
If you want to produce a DMX terminator on your own, you have to insert a terminator a the plug. This should have a size of 120Ω and ¼ Watt. It has to be inserted between Pin2 (Data-) and Pin 3 (Data+).

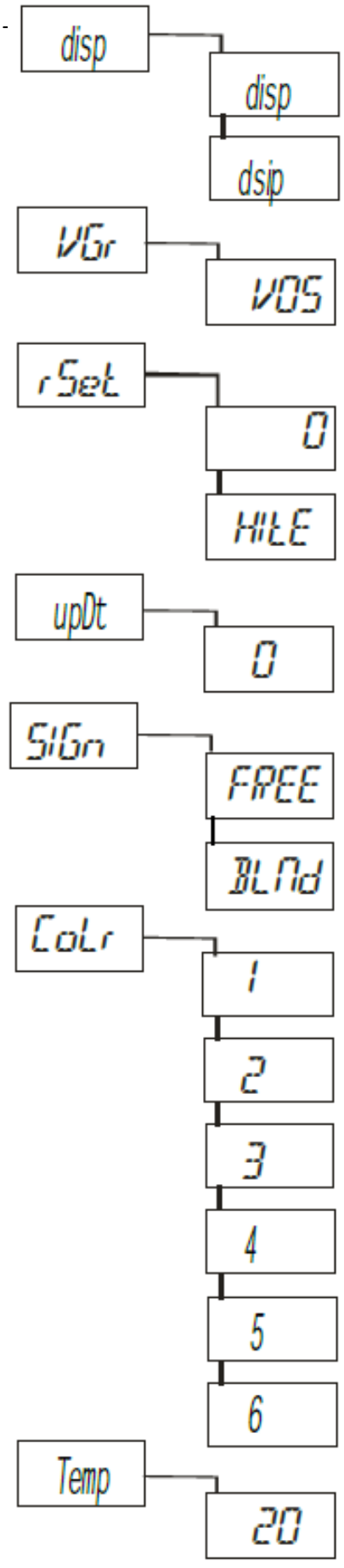
4. Work with the Menu

4.1. Menu Structure




SPEd
0
31
Setting programs speed
SLnd
MaSt
Master mode option: It can run any
shnd 00FF functions under the master mode.
SL 1
SL2
SL3
SL4
DMX modes:
SL 1 1 channels
SL 2 2 channels
SL 3 5 channels
SL 4 7 channels
LVe
Slave mode
Soun
1 - 100
Adjust the sound sensitives 1 - 100
OFF
Set the sound sensitives for off
Mode
1
Sound static color change
2
Sound flash color change
MaSt
on
Master signal ON/OFF
OFF


ALLC
0-100
Setup LED master dimmer
red
0-100
Setup red LED dimmer
GrEE
0-100
Setup green LED dimmer
BLUE
0-100
Setup blue LED dimmer
BLnd
yes
Close fixture led
no
Open fixture led
LEd
off
Display after 10s close
on
Display keep
tSte
off
Close test function
1
Test red
2
Test green
3
Test blue



Display normal

Display reverse

Display software version

Reset the device. After you press 'enter' button into next level menu, please press the "UP/DOWN" button until the panel display from 0 to HitE' ,the device will be resettled.

Press up or down timeout 50 into software update

When DMX offline buffer keep

When DMX offline buffer clear

Select red

Select green

Select blue

Select yellow

Select purple

Select cyan

Display LED PCB temperature

4.2. Description of Menu

SHNd internal Programms

1. Push the UP/DOWN buttons until the display shows SHNd.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from
    - Sh1-20 = automatic Programs
    - nste = Sound Mode for the sound Programs
4. Push the Menu button for 3 seconds to confirm

SPEd Speed of the progograms

1. Push the UP/DOWN buttons until the display shows SPEd.
2. Push ENTER
3. Use the UP/DOWN buttons to adjust the speed of the programs from 0 -31.
4. Push ENTER to confirm

SLNd Mode Setup

1. Push the UP/DOWN buttons until the display shows SLNd.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from
    - MASt = Master for Master Slave Mode
    - SL1 = DMX Mode 1 1 ch
    - SL2 = DMX Mode 2 2 ch
    - SL3 = DMX Mode 3 5 ch
    - SL4 = DMX Mode 4 7 ch
    - Luv = Slave Mode for Master Slave Mode
4. Push ENTER to confirm

Soun Sound To Light Mode

1. Push the UP/DOWN buttons until the display shows Soun.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from1 - 100.
4. Push ENTER to confirm

Node select sound controll mode

1. Push the UP/DOWN buttons until the display shows node.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from1 - 2.
4. Push ENTER to confirm

nste setting master signal

1. Push the UP/DOWN buttons until the display shows nste.
2. Push ENTER
3. Use the UP/DOWN buttons to choose fromON and OFF.
4. Push ENTER to confirm

ALLC Master Dimmer for all Colors

1. Push the UP/DOWN buttons until the display shows ALLC.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 0 – 100%.
4. Push ENTER to confirm

rEd Master Dimmer for Red

1. Push the UP/DOWN buttons until the display shows rEd.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 0 – 100%.
4. Push ENTER to confirm

GrEE Master Dimmer for Green

1. Push the UP/DOWN buttons until the display shows GrEE.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 0 – 100%.
4. Push ENTER to confirm

BLu Master Dimmer for Blue

1. Push the UP/DOWN buttons until the display shows BLu.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 0 – 100%.
4. Push ENTER to confirm

bLNd Blackout or Stand By Mode

1. Push the UP/DOWN buttons until the display shows bLNd.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from yes and no.
4. Push ENTER to confirm

Led LEDs On and OFF

1. Push the UP/DOWN buttons until the display shows Led.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from ON and OFF.
4. Push ENTER to confirm

tste Test fixture leds

1. Push the UP/DOWN buttons until the display shows tste.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 1 – 4.
4. Push ENTER to confirm

disp Setting display direction

1. Push the UP/DOWN buttons until the display shows disp.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from disp and dsip.
4. Push ENTER to confirm

Ver Software Version

1. Push the UP/DOWN buttons until the display shows SLNd.
2. Push ENTER
3. Now the display shows the actual software version.

rSEt Reset fuunction

1. Push the UP/DOWN buttons until the display shows rSEt.
2. Push ENTER
3. Now the item sets back to default settings .

updt update software

1. Push the UP/DOWN buttons until the display shows UP 00 .
2. Push ENTER
3. Use the UP/DOWN buttons to timeout 50 into update .
4. Push ENTER to confirm

Sign DMX signal offline led state setup

1. Push the UP/DOWN buttons until the display shows sign.
2. Push ENTER
3. Use the UP/DOWN buttons to choose from freez or blackout .
4. Push ENTER to confirm

Colr Select color

1. Push the UP/DOWN buttons until the display shows colr .
2. Push ENTER
3. Use the UP/DOWN buttons to choose from 1 - 7.
4. Push ENTER to confirm

tenp Fixture temperature

1. Push the UP/DOWN buttons until the display shows tenp.
2. Push ENTER
3. Now the display shows the actual fixture temperature.

Addr DMX address setting

1. Push the UP/DOWN buttons until the display shows Addr.
2. Push ENTER
3. 1 appears in the display blinking. With the UP/DOWN buttons you can no adjust the DMX address from 1 to 512.
4. Push ENTER to confirm

5. Master Slaver configuration

If you want to daisy chain and control more than one item you can use the Master Slave Mode. To do so you have to daisy chain your 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 that item. 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. Push the Menu button as often until you see SLNd in the display. Push Enter to confirm.
2. Now choose the desired Slave mode and confirm again with ENTER.
3. The slave item will now react according to the master.

6. Sound to light

-Set up the sound to light mode to ON as described above.

-Now the item will react according to the sensitivity of the mic.

-This option can be used with the master slave mode as well.

7. Technical Data

Voltage:	100V ~ 240V 50/60Hz
Power consumtion:	max. 45W
Lightsource:	9x3W 3in1 RGB LEDs
Beam Angle:	50°
Weight:	3,5kg
Measures:	424 x 127,8 x 110mm (LxWxH)
Ambient temp.:	0°C – 40°C
Modes:	DMX (1, 2, 5 and 7 Channel)
	Automatic Mode
	Sound to light Mode
	Master Slave Mode

Importer:

B&K Braun GmbH

Industriestraße 2

D-76307 Karlsbad-Ittersbach

www.bkbraun.com

info@bkbraun.com