VARYTEC

User manual

Gigabar III

Table of contents

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.

VARYTEC

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

- RGB 3in1 LEDs
- DMX Mode (3, 5, 8, 14, 24 or 26Ch)
- Sound to light mode via internal mic
- 12 Programs internal
- Digital display for addressing and functions
- Power and DMX can be daisy chained

3. DMX Mode

To use the DMX Mode you have to adjust the address first, as described a few articles below. The item needs 3, 5, 8, 14, 24 or 26 channels, which you can adjust by using your faders of your DMX console. You can adjust as follows:

3.1. DMX chart

Function	3 Ch Mode	5 Ch Mode	8 Ch Mode	14 Ch Mode	24 Ch Mode	26 Ch Mode
Dimmer & internal Programs		1	1	1		1
Speed		2	2	2		2
Red	1	3	3	3	1	3
Green	2	4	4	4	2	4
Blue	3	5	5	5	3	5
Red			6	6	4	6
Green			7	7	5	7
Blue			8	8	6	8
Red				9	7	9
Green				10	8	10
Blue				11	9	11
Red				12	10	12
Green				13	11	13
Blue				14	12	14
Red					13	15

Green					14	16
Blue					15	17
Red					16	18
Green					17	19
Blue					18	20
Red					19	21
Green					20	22
Blue					21	23
Red					22	24
Green					23	25
Blue					24	26

Functions for the Dimmer and internal Programs channel:

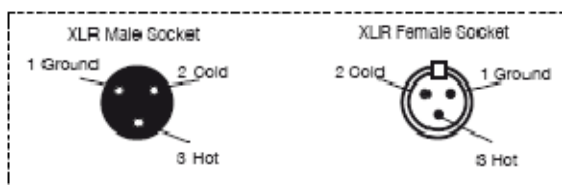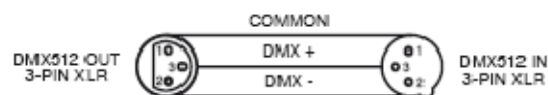| Value	Function
0 – 7	Dimmer
8 – 15	Strobe
16 – 23	Program 1
24 – 31	Program 2
…	…
224 – 231	Program 27
232 – 239	Sound Active Program 1
240 – 247	Sound Active Program 2
248 – 255	Sound Active Program 3

Function for Speed channel:

0 – 255	Slow to fast

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 120Ohms shield only! All Plugs should use XLR connectors!

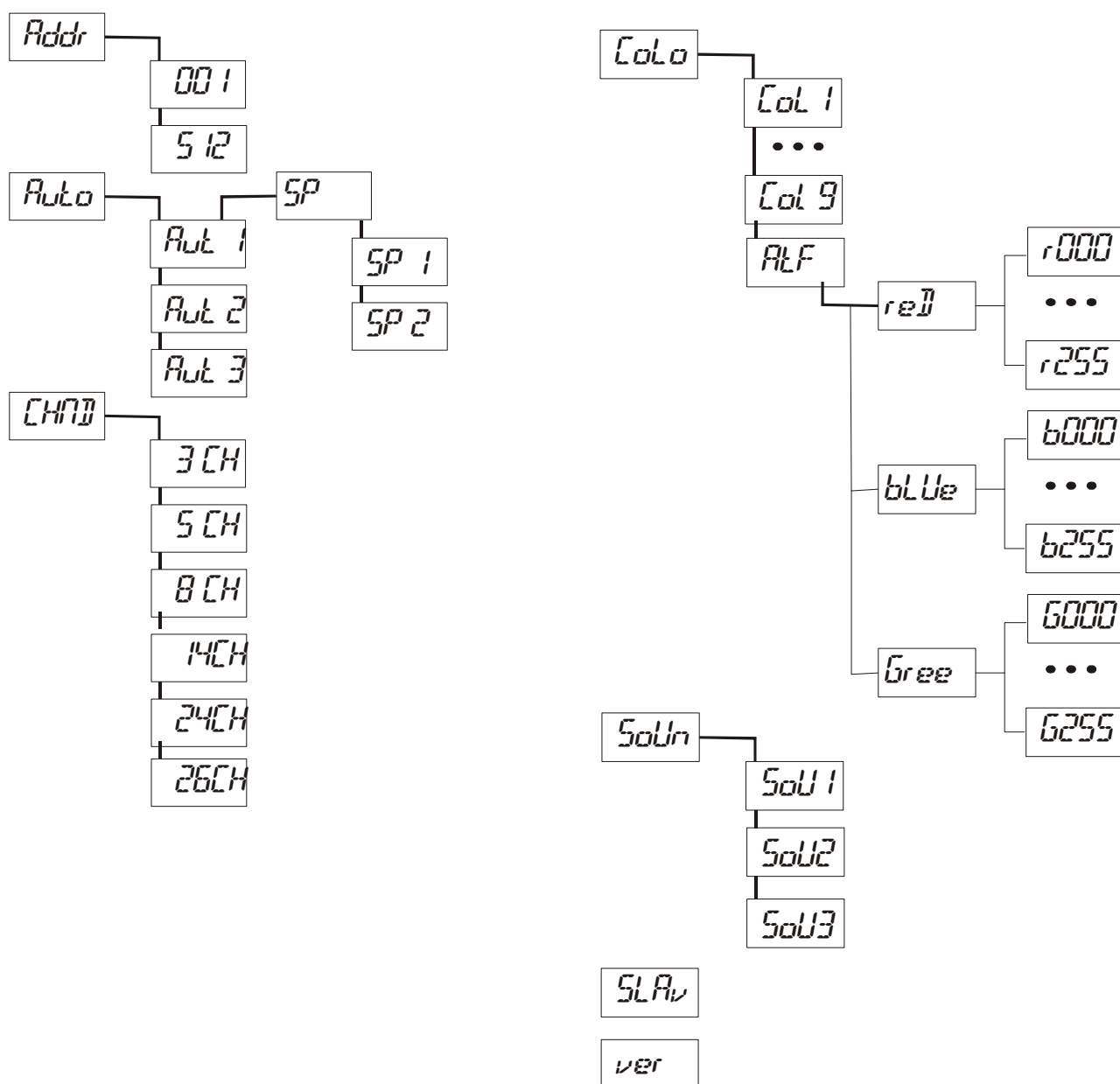The connectors configuration is as follows:

If you want to produce a DMX terminator on your own, you have to insert a Terminator at the plug. This should have a size of 120Ohms and 1/4W. It has to be inserted between Pin 2 (Data -) and Pin 3 (Data +).

4. Control of the Menu

4.1. Menu structure

4.2. Description of the Menu

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

AUto   Automatik Shows

1. Push the UP/DOWN buttons until the display shows AUto.

2. Push ENTER

3. Use the UP/DOWN buttons to choose from AUt1, AUt2 or AUt3.

4. Push ENTER to get into the speed menu. The display shows SP

5. Push again ENTER to see SPx in the display.

6. Here you can choose with the UP/DOWN Buttons from SP1 to SP99 to adjust the speed.

CHNd   channel adjust

1. Push the UP/DOWN buttons until the display shows CHNd.

2. Push ENTER

3. Use the UP/DOWN buttons to choose from CH3, CH5, CH8, CH14, CH24 or CH26.

4. Push ENTER to confirm

CoLo   Choose your color

1. Push the UP/DOWN buttons until the display shows CoLo.

2. Push ENTER

3. Use the UP/DOWN buttons to choose from colors 1 - 9

4. Push ENTER to confirm

5. If you want you can choose AtF in this submenu by using ENTER.

6. Now you can choose from Red, green and blue. Confirm with ENTER.

7. For each color you can adjust the brightness from 000 to 255.

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 from SoUn1, SoUn2 or SoUn3.

4. Push ENTER to confirm

SLav   Master Slave Mode

1. Push the UP/DOWN buttons until the display shows SLav.

2. Push ENTER

3. Now the display shows now Sla, this confirms the salve mode.

4. The slave mode reacts to Automatic programs, sound to light mode odr chaser mode of the master item. To do so the master doesn't has to be set up special. For a master slave configuration, just connect all the desired items by dmx cables.

Ver   Software Version auslesen

1. Push the UP/DOWN buttons until the display shows SLNd.

2. Push ENTER

3. Now the display shows the actual software version

5. Master Slave 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 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. Push the Menu button as often until you see SLav in the display. Push Enter to confirm.

2. No choose the desired Slave mode is confirmed.

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 consumption:	80W max.
Fuse:	3A
Lightsource:	16 x 3W 3in1 LEDs
Beam angle:	40°
Weight:	5,3kg
Measures:	965 x 64 x 153 mm
Modes:	DMX (3, 5, 8, 14, 24 oder 26 Ch)
	Automatic Mode
	Sound To Light Mode
	Master Slave Mode