# VARYTEC

Manual



# LED Street Bar MK II
# 16x8W RGBW 4in1 IP65

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# 1. Safety instructions

- This device is for indoor and outdoor use.
- 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.
- 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.

**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. Designated use

This device was developed for professional use on stages, in discos, theatres etc. The device is only approved for a connection up to 230V 50/60 Hz AC voltage and for indoor and outdoor use.

Regular breaks during operation increase the lifetime of your device.

Avoid convulsions or any form of forceful impact during the installation or the start-up of the device.

Make sure that the device is not exposed excessive heat, humidity or dust at the place of installation. Take care that no cables are lying around. You would endanger your own safety and also the safety of a third party.

It is not allowed to operate or store the device in an environment in which spray water, rain, humidity or fog is expected. Humidity or very high atmospheric humidity could reduce the isolation of the device and could cause deathly electric shocks. If you use fog devices the device has not be exposed to a direct smoke jet. There has to be a safety distance of at least 0,5m between this device and the fog machine. Make sure that the saturation of the fog has to enable a visibility of at least 10m.

Operate the device not during thunderstorms. Surge voltages could destroy the device. Unplug the power supply during thunderstorms.

During the installation the use of the mounting bracket is obligatory.

Surrounding objects or surfaces should not be in contact with the device.

Make sure that during the installation and removal of the device the area below the place of installation is basically cordoned off. This also applies to implementation of service.

The device has basically been protected by a suitable safety.

Make familiar yourself with the functions of the device before start-up. People without the experience should not handle with the device. The most cause of functional disorder is inappropriate handling.

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.

For transport use the original packing or designated accessory to avoid damages during the transport.

**For reasons of safety unauthorized changes are forbidden.**
A usage of the device which differs from usages which are described in this manual can cause damages of the device. In that case the warranty expires. Additional you should notice that every differed usage is related with dangers and can cause e.g. an electrical short, fire, electric shock or crash.
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## 2.1. Overhead installation

**Danger of life!**

**You have to observe the regulations of BGV C1 (formerly VBG 70) and EN60598-2-17 Installations are to carry out by skilled personnel only.**

The suspension devices have to be build and measured so they can withstand for an hour the tenfold of the payload without suffering a permanent detrimental deformation.

Basically installation has to be made by using a second separate suspension. This can be e.g. a suitable net. The second suspension must be designed and attached so no part of the installation can fall down in case of failure.

During construction, reconstruction and deconstruction unnecessary stay in the range of moving areas, on lightning bridges, under elevated work stations or any other danger zones is forbidden.

The operator is obliged to following safety-related and mechanical facilities:

- Before the first start-up or after critical changes before restarting it has to be checked by an expert.
- Review in the frame of the inspection test at least all four years by an expert. .
- Review by a qualified person at least once a year.

**How to carry out the overhead installation:**
In tidal fall you should install the device out of the lounge area of people

**IMPORTANT!** Overhead installation requires a high level of experience. This includes knowledge of calculating the payload, used installation material and safety inspections of the used material and the projector whereas the required experience is not limited to this. Do not try to carry out installation yourself under any circumstances if you are not qualified. Contact a professional installer. An inappropriate installation can lead to injuries and/or damaged properties.

It is not allowed to install the device in the grip area of people.

If the device may hang from the ceiling or from high beams, the use of truss systems is mandatory. The device may not be installed so it can swing freely in the room.

Please note: Crashing down items can cause serious injuries! Do not install the projector, if you doubt the safety of a possible installation form!

Before installation make sure that the mounting surface has the ability to carry the tenfold point load of the own weight of the device.

Mount the device with the mounting-bracket to your trussing system using an appropriate clamp.

During overhead installation the device must be always secured by a safety rope which is designed to hold the twelvefold weight of device. Only safety ropes with quick-release safety fastener elements may be used. Hang up the safety rope in the hole of the mounting bracket. Direct the rope over the truss or an appropriate fastening point. Hang up the end in the fastening element and tie up the locking nut. A safety rope once exposed to failing load or damaged may not be used furthermore.

**The maximum drop exceed must not exceed 20cm.**

A safety rope once exposed to failing load or damaged may not be used furthermore.
Adjust the desired inclination angle via the mounting bracket and tighten the screw.

# 3. Introduction

Thank you for buying the **LED Street Bar MK II 16x8W RGBW 4in1 IP65**. It is a powerful device. For a successful installation and operation, please read this manual carefully.

## 3.1. Product overview
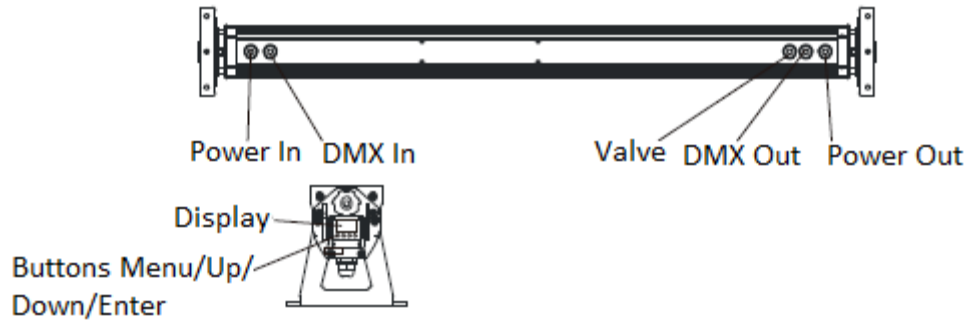


## 3.2. Dimensions
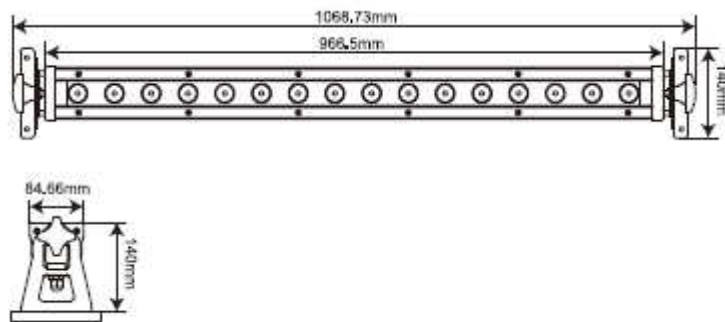
# 4. Connections

## 4.1. Electrical connections

If you wish to change the power supply settings, see the chapter Appendix. Connect the fixture to the mains with the enclosed power cable and plug. The earth has to be connected.

| Cable (EU) | Cable (US) | Pin | International |
|---|---|---|---|
| Brown | Black | Live | L |
| Light blue | White | Neutral | N |
| Yellow/Green | Green | Earth | ⏚ |

## 4.2. DMX connections

To make a DMX512 connection go ahead like it is described in the picture. Make sure that you use shielded cable. 3pole or 5pole XLR cables are suitable.

Important! After the last device the line has to be terminated. In order to do this you have to solder a 120Ω resistor between the pins Data + and Data -. You can solder this end resistor on a 3pin or 5pin XLR: Plug this adapter into the DMX output of the device.

## 4.3. DMX connection with terminator

Where the DMX cable has to run a long distance or the equipment is operated in an electrically noisy environment like a disco for installations, we recommend using a DMX terminator. This prevents corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR connector with a 120 Ω resistor between pins 2 and 3, which is then plugged into the XLR output socket of the last device in the series. Please look to the bottom drawings.
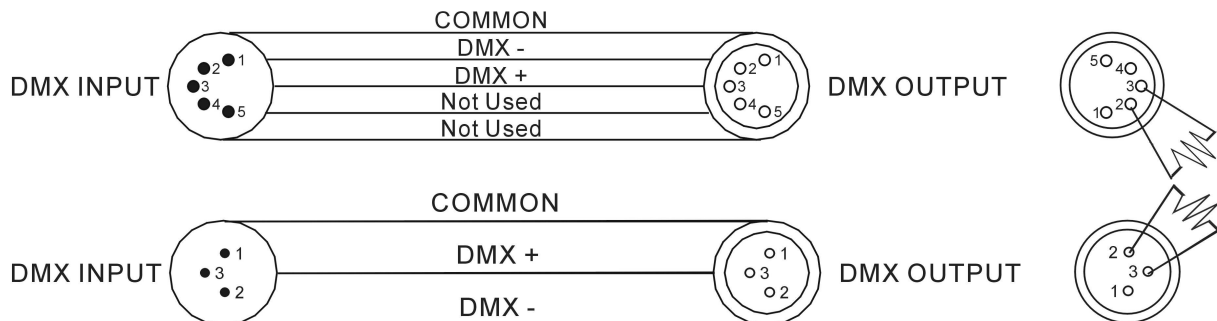
# 5. Control

Press MENU, to get to the menu. With UP/DOWN you can choose the required submenu. Confirm with ENTER. With UP/DOWN you can make the required settings. Confirm with ENTER.
NOTE! Your settings are not saved until the display is extinguished. This can take up to 30s.

## 5.1. Structure of the menu

| Menu | Submenu 1 | Submenu 2 | Functions |
|---|---|---|---|
| Addr | A001 – A512 | | Setting the DMX address. |
| Chnd | 1Ch | | Choosing a DMX mode. |
| | 4Ch | | |
| | 7Ch | | |
| | 11Ch | | |
| | 19Ch | | |
| | 32Ch | | |
| | 35Ch | | |
| SLav | SLA | | Activates the Master-Slave mode. |
| inFo | uer | | Shows the current software version. |
| | tenP | | Shows the current temperature. |
| Auto | Aut1 – Aut6 | SP1 – SP9 | Choosing an automatic mode and setting the speed. |
| CoLo | Co01 – Co51 | | Choosing a preset color. |
| StAt | r000 – r255 | | Dimmer red 0 - 100% |
| | G000 – G255 | | Dimmer green 0 – 100% |
| | b000 – b255 | | Dimmer blue 0 – 100% |
| | U000 – U255 | | Dimmer white 0 – 100% |
| | S00 – S25 | | Strobe slow - fast |

# 6. DMX chart

## 6.1. DMX mode 1 (1 channel)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| | 0 | 4 | No function |
| | 5 | 9 | Color 1 |
| | 10 | 14 | Color 2 |
| | 15 | 19 | Color 3 |
| | 20 | 24 | Color 4 |
| | 25 | 29 | Color 5 |
| | 30 | 34 | Color 6 |
| | 35 | 39 | Color 7 |
| | 40 | 44 | Color 8 |
| | 45 | 49 | Color 9 |
| | 50 | 54 | Color 10 |
| | 55 | 59 | Color 11 |
| | 60 | 64 | Color 12 |
| | 65 | 69 | Color 13 |
| | 70 | 74 | Color 14 |
| | 75 | 79 | Color 15 |
| | 80 | 84 | Color 16 |
| | 85 | 89 | Color 17 |
| | 90 | 94 | Color 18 |
| | 95 | 99 | Color 19 |
| 1 | 100 | 104 | Color 20 |
| | 105 | 109 | Color 21 |
| | 110 | 114 | Color 22 |
| | 115 | 119 | Color 23 |
| | 120 | 124 | Color 24 |
| | 125 | 129 | Color 25 |
| | 130 | 134 | Color 26 |
| | 135 | 139 | Color 27 |
| | 140 | 144 | Color 28 |
| | 145 | 149 | Color 29 |
| | 150 | 154 | Color 30 |
| | 155 | 159 | Color 31 |
| | 160 | 164 | Color 32 |
| | 165 | 169 | Color 33 |
| | 170 | 174 | Color 34 |
| | 175 | 179 | Color 35 |
| | 180 | 184 | Color 36 |
| | 185 | 189 | Color 37 |
| | 190 | 194 | Color 38 |
| | 195 | 199 | Color 39 |
| | 200 | 204 | Color 40 |

| | 205 | 209 | Color 41 |
|---|---|---|---|
| | 210 | 214 | Color 42 |
| | 215 | 219 | Color 43 |
| | 220 | 224 | Color 44 |
| | 225 | 229 | Color 45 |
| | 230 | 234 | Color 46 |
| | 235 | 239 | Color 47 |
| | 240 | 244 | Color 48 |
| | 245 | 249 | Color 49 |
| | 250 | 254 | Color 50 |
| | 255 | | Color 51 |

## 6.2. DMX mode 2 (4 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| 1 | 0 | 255 | Dimmer red 0 – 100% |
| 2 | 0 | 255 | Dimmer green 0 – 100% |
| 3 | 0 | 255 | Dimmer blue 0 – 100% |
| 4 | 0 | 255 | Dimmer white 0 – 100% |

## 6.3. DMX mode 3 (7 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| 1 | 0 | 7 | Dimmer |
| | 8 | 15 | Automatic program 1 |
| | 16 | 23 | Automatic program 2 |
| | 24 | 31 | Automatic program 3 |
| | 32 | 39 | Automatic program 4 |
| | 40 | 47 | Automatic program 5 |
| | 48 | 55 | Automatic program 6 |
| | 56 | 63 | Automatic program 7 |
| | 64 | 71 | Automatic program 8 |
| | 72 | 79 | Automatic program 9 |
| | 80 | 87 | Automatic program 10 |
| | 88 | 95 | Automatic program 11 |
| | 96 | 103 | Automatic program 12 |
| | 104 | 111 | Automatic program 13 |
| | 112 | 119 | Automatic program 14 |
| | 120 | 127 | Automatic program 15 |
| | 128 | 135 | Automatic program 16 |
| | 136 | 143 | Automatic program 17 |
| | 144 | 151 | Automatic program 18 |
| | 152 | 159 | Automatic program 19 |
| | 160 | 167 | Automatic program 20 |
| | 168 | 175 | Automatic program 21 |
| | 176 | 183 | Automatic program 22 |
| | 184 | 191 | Automatic program 23 |

| | 192 | 199 | Automatic program 24 |
|---|---|---|---|
| | 200 | 207 | Automatic program 25 |
| | 208 | 215 | Automatic program 26 |
| | 216 | 223 | Automatic program 27 |
| | 224 | 231 | Automatic program 28 |
| | 232 | 239 | Automatic program 29 |
| | 240 | 247 | Automatic program 30 |
| | 248 | 255 | Automatic program 31 |
| 2 | 0 | 255 | Strobe slow – fast |
| 3 | 0 | 255 | Dimmer 0 – 100% |
| 4 | 0 | 255 | Dimmer red 0 – 100% |
| 5 | 0 | 255 | Dimmer green 0 – 100% |
| 6 | 0 | 255 | Dimmer blue 0 – 100% |
| 7 | 0 | 255 | Dimmer white 0 – 100% |

## 6.4. DMX mode 4 (11 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| | 0 | 7 | Dimmer |
| | 8 | 15 | Automatic program 1 |
| | 16 | 23 | Automatic program 2 |
| | 24 | 31 | Automatic program 3 |
| | 32 | 39 | Automatic program 4 |
| | 40 | 47 | Automatic program 5 |
| | 48 | 55 | Automatic program 6 |
| | 56 | 63 | Automatic program 7 |
| | 64 | 71 | Automatic program 8 |
| | 72 | 79 | Automatic program 9 |
| | 80 | 87 | Automatic program 10 |
| | 88 | 95 | Automatic program 11 |
| | 96 | 103 | Automatic program 12 |
| 1 | 104 | 111 | Automatic program 13 |
| | 112 | 119 | Automatic program 14 |
| | 120 | 127 | Automatic program 15 |
| | 128 | 135 | Automatic program 16 |
| | 136 | 143 | Automatic program 17 |
| | 144 | 151 | Automatic program 18 |
| | 152 | 159 | Automatic program 19 |
| | 160 | 167 | Automatic program 20 |
| | 168 | 175 | Automatic program 21 |
| | 176 | 183 | Automatic program 22 |
| | 184 | 191 | Automatic program 23 |
| | 192 | 199 | Automatic program 24 |
| | 200 | 207 | Automatic program 25 |
| | 208 | 215 | Automatic program 26 |

| | 216 | 223 | Automatic program 27 |
|---|---|---|---|
| | 224 | 231 | Automatic program 28 |
| | 232 | 239 | Automatic program 29 |
| | 240 | 247 | Automatic program 30 |
| | 248 | 255 | Automatic program 31 |
| 2 | 0 | 255 | Strobe slow – fast |
| 3 | 0 | 255 | Dimmer 0 – 100% |
| 4 | 0 | 255 | Dimmer red 0 – 100% LED 1 – 8 |
| 5 | 0 | 255 | Dimmer green 0 – 100% LED 1 – 8 |
| 6 | 0 | 255 | Dimmer blue 0 – 100% LED 1 – 8 |
| 7 | 0 | 255 | Dimmer white 0 – 100% LED 1 – 8 |
| 8 | 0 | 255 | Dimmer red 0 – 100% LED 9 – 16 |
| 9 | 0 | 255 | Dimmer green 0 – 100% LED 9 – 16 |
| 10 | 0 | 255 | Dimmer blue 0 – 100% LED 9 – 16 |
| 11 | 0 | 255 | Dimmer white 0 – 100% LED 9 – 16 |

## 6.5. DMX mode 5 (19 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| | 0 | 7 | Dimmer |
| | 8 | 15 | Automatic program 1 |
| | 16 | 23 | Automatic program 2 |
| | 24 | 31 | Automatic program 3 |
| | 32 | 39 | Automatic program 4 |
| | 40 | 47 | Automatic program 5 |
| | 48 | 55 | Automatic program 6 |
| | 56 | 63 | Automatic program 7 |
| | 64 | 71 | Automatic program 8 |
| | 72 | 79 | Automatic program 9 |
| | 80 | 87 | Automatic program 10 |
| | 88 | 95 | Automatic program 11 |
| | 96 | 103 | Automatic program 12 |
| 1 | 104 | 111 | Automatic program 13 |
| | 112 | 119 | Automatic program 14 |
| | 120 | 127 | Automatic program 15 |
| | 128 | 135 | Automatic program 16 |
| | 136 | 143 | Automatic program 17 |
| | 144 | 151 | Automatic program 18 |
| | 152 | 159 | Automatic program 19 |
| | 160 | 167 | Automatic program 20 |
| | 168 | 175 | Automatic program 21 |
| | 176 | 183 | Automatic program 22 |
| | 184 | 191 | Automatic program 23 |
| | 192 | 199 | Automatic program 24 |
| | 200 | 207 | Automatic program 25 |
| | 208 | 215 | Automatic program 26 |

| | 216 | 223 | Automatic program 27 |
|---|---|---|---|
| | 224 | 231 | Automatic program 28 |
| | 232 | 239 | Automatic program 29 |
| | 240 | 247 | Automatic program 30 |
| | 248 | 255 | Automatic program 31 |
| 2 | 0 | 255 | Strobe slow – fast |
| 3 | 0 | 255 | Dimmer 0 – 100% |
| 4 | 0 | 255 | Dimmer red 0 – 100% LED 1 – 4 |
| 5 | 0 | 255 | Dimmer green 0 – 100% LED 1 – 4 |
| 6 | 0 | 255 | Dimmer blue 0 – 100% LED 1 – 4 |
| 7 | 0 | 255 | Dimmer white 0 – 100% LED 1 – 4 |
| 8 | 0 | 255 | Dimmer red 0 – 100% LED 5 – 8 |
| 9 | 0 | 255 | Dimmer green 0 – 100% LED 5 – 8 |
| 10 | 0 | 255 | Dimmer blue 0 – 100% LED 5 – 8 |
| 11 | 0 | 255 | Dimmer white 0 – 100% LED 5 – 8 |
| 12 | 0 | 255 | Dimmer red 0 – 100% LED 9 – 12 |
| 13 | 0 | 255 | Dimmer green 0 – 100% LED 9 – 12 |
| 14 | 0 | 255 | Dimmer blue 0 – 100% LED 9 – 12 |
| 15 | 0 | 255 | Dimmer White 0 – 100% LED 9 – 12 |
| 16 | 0 | 255 | Dimmer red 0 – 100% LED 13 – 16 |
| 17 | 0 | 255 | Dimmer green 0 – 100% LED 13 – 16 |
| 18 | 0 | 255 | Dimmer blue 0 – 100% LED 13 – 16 |
| 19 | 0 | 255 | Dimmer white 0 – 100% LED 13 - 16 |

## 6.6. DMX mode 5 (32 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| 1 | 0 | 255 | Dimmer red 0 – 100% LED 1 – 2 |
| 2 | 0 | 255 | Dimmer green 0 – 100% LED 1 – 2 |
| 3 | 0 | 255 | Dimmer blue 0 – 100% LED 1 – 2 |
| 4 | 0 | 255 | Dimmer white 0 – 100% LED 1 – 2 |
| 5 | 0 | 255 | Dimmer red 0 – 100% LED 3 -4 |
| 6 | 0 | 255 | Dimmer green 0 – 100% LED 3 – 4 |
| 7 | 0 | 255 | Dimmer blue 0 – 100% LED 3 – 4 |
| 8 | 0 | 255 | Dimmer white 0 – 100% LED 3 – 4 |
| 9 | 0 | 255 | Dimmer red 0 – 100% LED 5 – 6 |
| 10 | 0 | 255 | Dimmer green 0 – 100% LED 5 – 6 |
| 11 | 0 | 255 | Dimmer blue 0 – 100% LED 5 – 6 |
| 12 | 0 | 255 | Dimmer white 0 – 100% LED 5 – 6 |
| 13 | 0 | 255 | Dimmer red 0 – 100% LED 7 – 8 |
| 14 | 0 | 255 | Dimmer green 0 – 100% LED 7 – 8 |
| 15 | 0 | 255 | Dimmer blue 0 – 100% LED 7 – 8 |
| 16 | 0 | 255 | Dimmer white 0 – 100% LED 7 – 8 |
| 17 | 0 | 255 | Dimmer red 0 – 100% LED 9 – 10 |
| 18 | 0 | 255 | Dimmer green 0 – 100% LED 9 – 10 |

| | | | |
|---|---|---|---|
| 19 | 0 | 255 | Dimmer blue 0 – 100% LED 9 – 10 |
| 20 | 0 | 255 | Dimmer white 0 – 100% LED 9 – 10 |
| 21 | 0 | 255 | Dimmer red 0 – 100% LED 11 – 12 |
| 22 | 0 | 255 | Dimmer green 0 – 100% LED 11 – 12 |
| 23 | 0 | 255 | Dimmer blue 0 – 100% LED 11 – 12 |
| 24 | 0 | 255 | Dimmer white 0 – 100% LED 11 – 12 |
| 25 | 0 | 255 | Dimmer red 0 – 100% LED 13 – 14 |
| 26 | 0 | 255 | Dimmer green 0 – 100% LED 13 – 14 |
| 27 | 0 | 255 | Dimmer blue 0 – 100% LED 13 – 14 |
| 28 | 0 | 255 | Dimmer white 0 – 100% LED 13 – 14 |
| 29 | 0 | 255 | Dimmer red 0 – 100% LED 15 – 16 |
| 30 | 0 | 255 | Dimmer green 0 – 100% LED 15 – 16 |
| 31 | 0 | 255 | Dimmer blue 0 – 100% LED 15 – 16 |
| 32 | 0 | 255 | Dimmer white 0 – 100% LED 15 - 16 |

## 6.7. DMX mode 6 (35 channels)

| Channel | Value from | Value to | Function |
|---|---|---|---|
| | 0 | 7 | Dimmer |
| | 8 | 15 | Automatic program 1 |
| | 16 | 23 | Automatic program 2 |
| | 24 | 31 | Automatic program 3 |
| | 32 | 39 | Automatic program 4 |
| | 40 | 47 | Automatic program 5 |
| | 48 | 55 | Automatic program 6 |
| | 56 | 63 | Automatic program 7 |
| | 64 | 71 | Automatic program 8 |
| | 72 | 79 | Automatic program 9 |
| | 80 | 87 | Automatic program 10 |
| | 88 | 95 | Automatic program 11 |
| | 96 | 103 | Automatic program 12 |
| | 104 | 111 | Automatic program 13 |
| | 112 | 119 | Automatic program 14 |
| | 120 | 127 | Automatic program 15 |
| | 128 | 135 | Automatic program 16 |
| | 136 | 143 | Automatic program 17 |
| | 144 | 151 | Automatic program 18 |
| | 152 | 159 | Automatic program 19 |
| | 160 | 167 | Automatic program 20 |
| | 168 | 175 | Automatic program 21 |
| 1 | 176 | 183 | Automatic program 22 |
| | 184 | 191 | Automatic program 23 |
| | 192 | 199 | Automatic program 24 |
| | 200 | 207 | Automatic program 25 |
| | 208 | 215 | Automatic program 26 |
| | 216 | 223 | Automatic program 27 |

| | | | |
|---|---|---|---|
| | 224 | 231 | Automatic program 28 |
| | 232 | 239 | Automatic program 29 |
| | 240 | 247 | Automatic program 30 |
| | 248 | 255 | Automatic program 31 |
| 2 | 0 | 255 | Strobe slow – fast |
| 3 | 0 | 255 | Dimmer 0 – 100% |
| 4 | 0 | 255 | Dimmer red 0 – 100% LED 1 – 2 |
| 5 | 0 | 255 | Dimmer green 0 – 100% LED 1 – 2 |
| 6 | 0 | 255 | Dimmer blue 0 – 100% LED 1 – 2 |
| 7 | 0 | 255 | Dimmer white 0 – 100% LED 1 – 2 |
| 8 | 0 | 255 | Dimmer red 0 – 100% LED 3 -4 |
| 9 | 0 | 255 | Dimmer green 0 – 100% LED 3 – 4 |
| 10 | 0 | 255 | Dimmer blue 0 – 100% LED 3 – 4 |
| 11 | 0 | 255 | Dimmer white 0 – 100% LED 3 – 4 |
| 12 | 0 | 255 | Dimmer red 0 – 100% LED 5 – 6 |
| 13 | 0 | 255 | Dimmer green 0 – 100% LED 5 – 6 |
| 14 | 0 | 255 | Dimmer blue 0 – 100% LED 5 – 6 |
| 15 | 0 | 255 | Dimmer white 0 – 100% LED 5 – 6 |
| 16 | 0 | 255 | Dimmer red 0 – 100% LED 7 – 8 |
| 17 | 0 | 255 | Dimmer green 0 – 100% LED 7 – 8 |
| 18 | 0 | 255 | Dimmer blue 0 – 100% LED 7 – 8 |
| 19 | 0 | 255 | Dimmer white 0 – 100% LED 7 – 8 |
| 20 | 0 | 255 | Dimmer red 0 – 100% LED 9 – 10 |
| 21 | 0 | 255 | Dimmer green 0 – 100% LED 9 – 10 |
| 22 | 0 | 255 | Dimmer blue 0 – 100% LED 9 – 10 |
| 23 | 0 | 255 | Dimmer white 0 – 100% LED 9 – 10 |
| 24 | 0 | 255 | Dimmer red 0 – 100% LED 11 – 12 |
| 25 | 0 | 255 | Dimmer green 0 – 100% LED 11 – 12 |
| 26 | 0 | 255 | Dimmer blue 0 – 100% LED 11 – 12 |
| 27 | 0 | 255 | Dimmer white 0 – 100% LED 11 – 12 |
| 28 | 0 | 255 | Dimmer red 0 – 100% LED 13 – 14 |
| 29 | 0 | 255 | Dimmer green 0 – 100% LED 13 – 14 |
| 30 | 0 | 255 | Dimmer blue 0 – 100% LED 13 – 14 |
| 31 | 0 | 255 | Dimmer white 0 – 100% LED 13 – 14 |
| 32 | 0 | 255 | Dimmer red 0 – 100% LED 15 – 16 |
| 33 | 0 | 255 | Dimmer green 0 – 100% LED 15 – 16 |
| 34 | 0 | 255 | Dimmer blue 0 – 100% LED 15 – 16 |
| 35 | 0 | 255 | Dimmer white 0 – 100% LED 15 - 16 |

# 7. Technical data

| Power supply | |
|---|---|
| Voltage | 100 – 240 V AC / 50-60 Hz |
| Power consumption max. | 128 W |
| **Light source** | |
| LM type | LED 4in1 |
| Color spectrum | RGBW |
| Power | 128 W |
| Number / Power | 16 x 8W |
| **Optics** | |
| Beam angle | 30° |
| **Connections** | |
| Power in | IP65 |
| Power out | IP65 |
| XLR in/out | 3pol |
| **Controlling** | |
| Sound-to-Light | No |
| Automatic | Yes |
| Master-Slave | Yes |
| DMX512 | Yes |
| Number of channels | 1 / 4 / 7 / 19 / 32 / 35 channels |
| **Hardware** | |
| Protection class | IP65 |
| Suitability | Outdoor |
| Dimensions (L/B/H) | 1068,73 x 68,66 x 104 mm |
| Weight | 6,0 kg |

**VARYTEC**

**Importer:**


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CE  RoHS COMPLIANT 2002/95/EC