SHOW*PRO*

DMX PWM DIMMER DC 12-24v CV03HC MANUAL

LEDCON365

Product-Notes
Manual

Article No.: 843268

Contents

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Dear customer,

thank you for deciding to purchase our product. The product fulfils the requirements of effective European and national guidelines.
To maintain the condition of the product and to ensure safe operation, you - as the user - must observe the product notes and the operation manual! They contain important information for the start-up and handling. It is important, therefore, that these documents are archived carefully for referring to information at a later stage. aufbewahren.

1. Safety Instructions

We are not responsible for any property damage or personal injury caused by failure to observe these productnotes and manual, improper handling or unauthorised modifications.

It can only be installed by a qualified electrician.

Make sure that the item has not been damaged during transport before putting the light into operation. It maynot be operated if there are any damages to electrical parts.

It may only be operated once removed from the packaging.

The type plate must not be removed.

The connection lines in the building must be disconnected before installation and secured against beingswitched back on. For this, trip the corresponding fuse switch in the building installation.

Make sure the electrical specifications for the connection lines correspond with the specifications given on thenameplate of this product.

Please take care during installing for the correct polarity (V+, V-) and do also use the right power supplies with the following safety measures: SELV = Safety Extra Low Voltage, overload protection and short-circuit protection.

Make sure that the cables and plugs are not subject to tension or torsional forces and do not bend the cables. Protect all cables and insulation against possible damages.

Output lines should be laid separately and spaced apart from other lines. The power supply cables and thelamp feeders must not cross each other.

Do not allow the product to come into contact with extreme heat or naked flames.

Use the supplied fastening material only when it is suited for the installation background.

The product must not be covered with objects (decorations) or thermally insulating coverings /similar materials.

Before disposal of the packaging material make sure that all components are removed.

Keep packaging material away from the reach of children and pets. The packaging contains small parts thatmay be swallowed by children.

Product-Notes
Manual

Article No.: 843268

2. Proper Use

This product is only intended for lighting purposes and may only be operated on normal or non-flammable surfaces.

Use the product only in protected and dry interior rooms.

3. Care

Repairs may only be carried out by a qualified electrician.

Disconnect the entire product from the mains first and allow it to cool down before cleaning or maintaining.

Use a dry or slightly moistened cloth for cleaning.

Never use any chemicals, flammable cleaning agents or abrasives. These may cause damage to the surface coating and/or the insulators.

4. Faulty Function

Are the luminaires to be controlled ready / correctly connected and supplied with power?

Control of the connected lines.

Disconnect the wall controller and connected components from the power supply.

Can connected components be controlled with a standard remote control?

Disconnect and reconnect controller.

When the signal between the master controller and the Oled dimmer goes off (for example, cable is broken, cable slips out), the OLED Dimmer will not go off, but will stay on the last sent information (e.g., color, dimming, program)

5. Storage and Disposal

Used electronic devices must be brought back to public collection points and must not be disposed of as household waste.

Storage in a dry and clean environment. Do not strain the product mechanically during storage.

6. Purchased parts package

- 1x OLED Controller, Dimmer 3
- 1x 2,0 m CAT5 cable
- 1x Manual

Product-Notes
Manual

Article No.: 843268

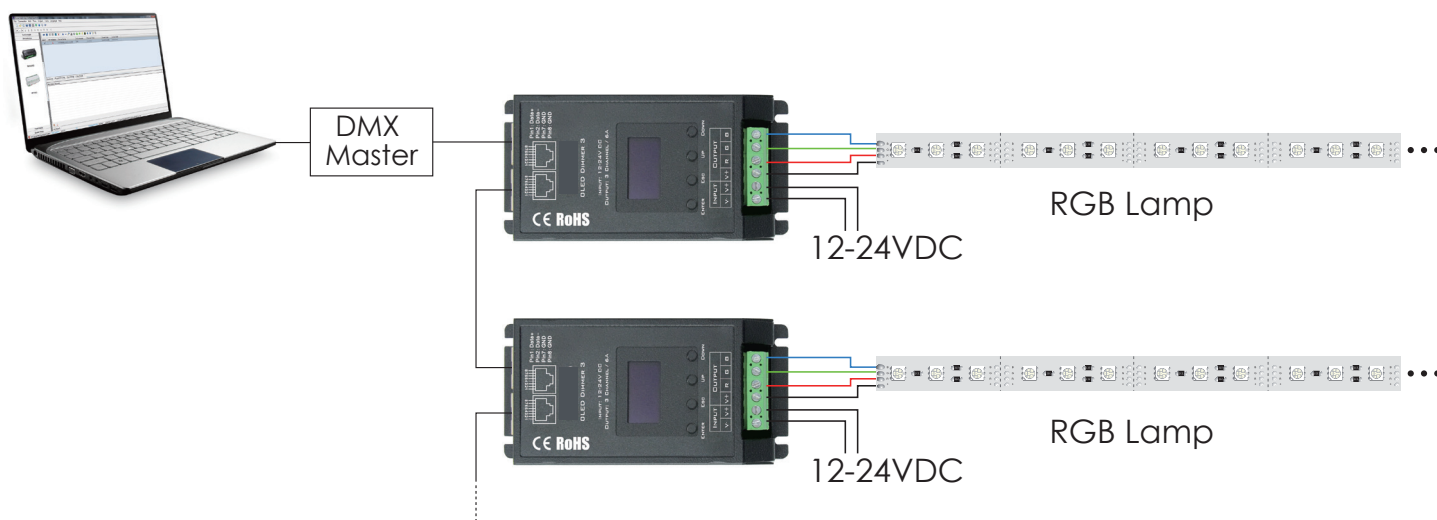## 7. Specification

Power Supply: 12-24V DC (2-pin Connector: V-, V+)
Leistung: max. 18A (3x 6A) / 12V DC / 216W
                          max. 18A (3x 6A) / 24V DC / 432W
Protection class: IP20
Signal: DMX 512 (1990)
Data In/Out: CAT5 (RJ 45)
Channel: 3
Programs: 27
Working temperature: 0°- 50°C
Dimension (LxWxH):   116 x 57 x 26,8 mm
Wight: 230 g

8. Product Features

● OLED display, more convenient operation
● 27 scene modes built-in, with speed and brightness adjust function
● Meet DMX512(1990) international standard
● 3 output channels max 6A output per channel
● Easy to set the DMX address by buttons
● Adopting the logarithm dimming curve, with a smooth dimming effect
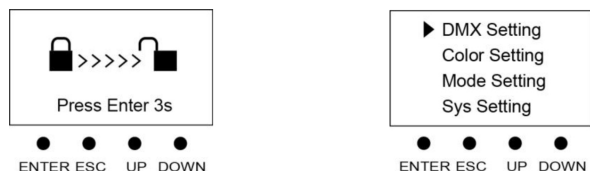
9. Connecting Diagram

Product-Notes
Manual

Article No.: 843268

1. Menu navigation

1. Unlock

Just hold the "Enter" Button for ca. 3s then the menu can be controlled.

2. DMX-Setting

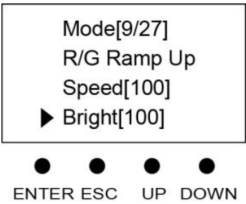|	Menu	DMX-Setting
	Address:[1]	Set the DMX address for the LD Dimmer 3
	Addr Mode:[1]	DMX Mode 1: All 3 different color channels of the Dimmer 3 are setted on 1 DMX address. DMX Mode 3: All 3 color channels of the Dimmer 3 get their own DMX address, starting from the address you setted in DMX address mode.
	DMX Link:[NO]	DMX Signal Satus

3. Color Setting

You can adjust every channel of the Dimmer seperatly from an amount of 0-255, and dim all channels together from 0-100%.

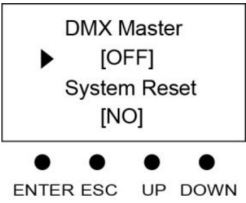|	Menu	Color Setting
	1: [x]	0-255
	2: [x]	0-255
	3: [x]	0-255
	Bright: [x]	0-100%

Article No.: 843268

4. Mode Setting

You will find 27 modes inside and you can adjust them by using the speed and brightness setting according to your taste.

	Menu	Mode-Setting
Mode[9/27] R/G Ramp Up Speed[100] ▶ Bright[100] ● ● ● ● ENTER ESC UP DOWN	Mode[x/27]	27 Modes, X = aktual Mode
	R/G Ramp Up	Name of the mode
	Speed [x]	you can adjust the speed oft the different modes
	Bright [x]	brightness from 0-100%

Mode List:		
1. RGB Fade	10. Red/Blue Ramp up	19. Red Flash
2. Red Fade	11. Green/Blue Ramp up	20. Green Flash
3. Green Fade	12. RGB Ramp up	21. Blue Flash
4. Blue Fade	13. Red/Green Ramp Down	22. Yellow Flash
5. Red/Green Fade	14. Red/Blue Ramp Down	23. Purple Flash
6. Green/Blue Fade	15. Green/Blue Ramp Down	24. Cyan Flash
7. Red/Blue Fade	16. RGB Ramp Down	25. White Flash
8. 7 Color fade	17. Random Flash	26. RGB Flash
9. Red/Green Ramp up	18. Candle bruning, Fire	27. 7 Colors Flash

5. System Setting

You can use the Kapego Dimmer 3 as "Slave" or "Master" DMX Dimmer.

	Menu	System-Setting
DMX Master ▶ [OFF] System Reset [NO] ● ● ● ● ENTER ESC UP DOWN	Master [x]	Mode "Off" You can use Kapego Dimmer 3 as an normal DMX driver. Mode "ON" you can use the kapego Dimmer 3 asa stand-alone DMX Master Controller, he will send DMX signal to the next DMX dimmer.
	Reset [x]	You can change all settings back to the basic settings.