

INSTRUCTION MANUAL

CU-4SMART

RGBW-LED-DMX Controller

Best. Nr.: 38.6090



1. Safety Introductions

Please read the User Manual carefully as it includes important information regarding details of operation, maintenance and technical data. Keep this manual with unit for future consultation.

WARNING !

- Avoiding any flammable liquids, water or metal objects enter into the unit.
- If any liquid spill on the unit, disconnect the power supply immediately.
- When serious operation problem happen, stop using the unit immediately and contact your local dealer for service.
- Do not open the unit because there are no user serviceable parts inside.
- Never try to repair the unit yourself. Repairs by unqualified people could cause damage or faulty operation. Please contact your nearest dealer for any service.

CAUTION !

- After removed the package, make sure the unit is not damaged in any way.
- Don't use it with doubt and contact an authorized dealer.
- Never use the unit under the excessive humidity and a temperature over 40°C.
 - Do not try to dismantle or modify the unit.

2. Features:

- CU-4SMART is an ideal solution for dimming constant voltage LED fixtures, especially LED strips. Multiple strips can be connected on CU-4SMART and be dimmed individually (single color) or simultaneously.
- 4 independent constant voltage output. Each output can be dimmed individually.
 - Various input controlling protocol: 0-10v, DMX, DALI.
 - User can setup CU-4SMART to Manual Mode, various channel modes (RGB/RGBD,RGBW/RGBWD,D(4CH),WWWW,CW+WW,CT+D)
 - Can adjust the white balance.

Specifications:

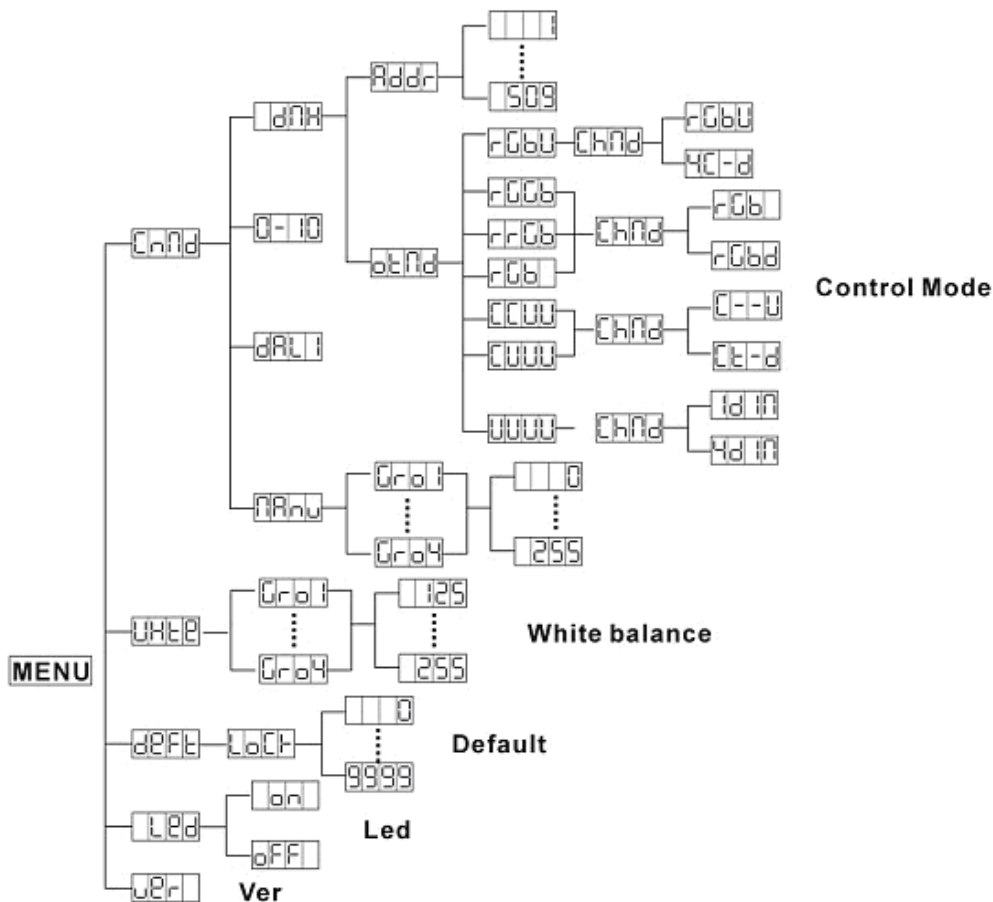
Input Voltage: DC12V≐/10A or 24V≐/10A
 Maximum 5A per line, Max. 10A in Total

Power consumption: 240W

Dimension: 210.5X51.6X33.2mm

Weight: 0.250kg

3. Main Functions



Cnnd

Control Mode: Under this menu you can choose four operation mode: MANUAL MODE, DMX MODE, DALI CONTROL MODE, 0/1-10V

Press the MENU button up to when the **Cnnd** is showing on the display. Pressing “” button and the display will blink. Use “▲” and “▼” button to select **MANU** (manual control mode), **dnh** (DMX control mode), **0-10** (0-10V control mode), **dALI** (Dali control mode).













MANU




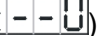



Manual control mode: In this mode you can adjust the brightness for the four groups of the luminaries.

Pressing “” button enter, use “▲” and “▼” button to select **Grp1** (group 1), **Grp2** (group 2), **Grp3** (group 3), **Grp4** (group 4). Once the mode has been selected, Pressing “” button enter, use “▲” and “▼” button to adjust the value 0-255. Press the “” button to setup. Or automatically exit menu mode without any change after 60 seconds. To go back to the functions without any change press the MENU button.

dmx


DMX control mode: In this mode you can set address and channel mode




Pressing “ (DMX address) or , once the  has been selected, Pressing “ has been selected, Press the “ (RGBW),  (WWW),  (CWWW),  (CCWW),  (RGB),  (RRGB),  (RGGB), once select, Press the “

OUTPUT MODE		CHANNEL MODE
RGB/RRGB/RGGB	→	RGB()
RGBW	→	RGBW()
CWWW/CCWW	→	4C+D()
WWW	→	C+W()
		CT+D()
		Dimmer()
		4D()

defe


Default: In this function you can factory reset the driver.

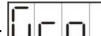
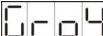

Press the MENU button up to when the  is showing on the display.

Pressing “...or . Once you selected, press the “

white

White balance: In this mode you can adjust the brightness

Press the MENU button up to when the  is shown on the display.

Pressing “...or , press “

IMG Stageline

LED

ON/OFF the LED display according to your real requirement

Press the MENU button up to when the LED is shown on the display.

Pressing “↵” button, and Use “▲” and “▼” button to select ON...or OFF, press “↵” button to confirm. When ON is

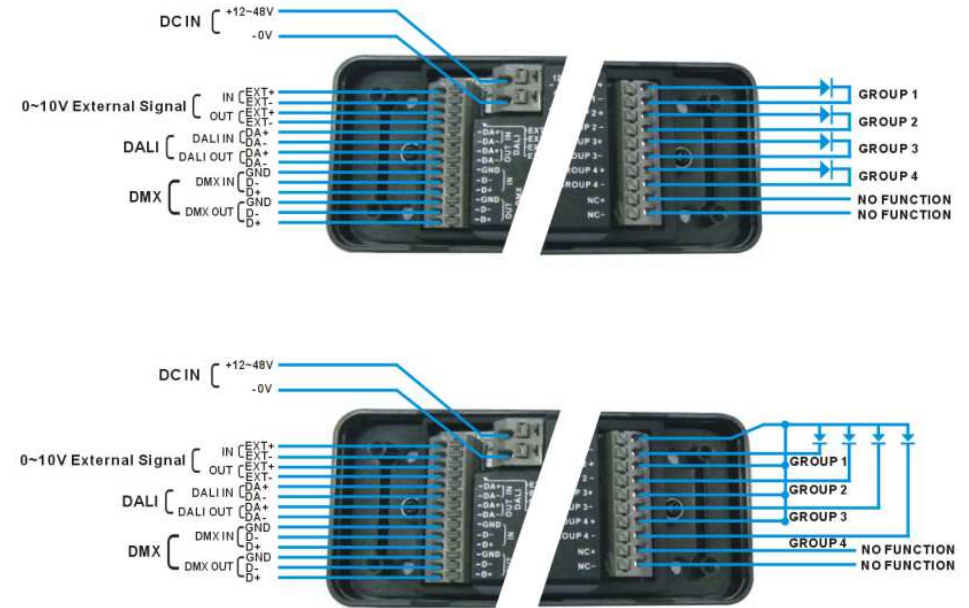
select, the Led display will light up all the time, when OFF is selected, the Led display will be off after 60 seconds. To go back to the last function press the MENU button.


VER


Version: show you the firmware version of the driver

Press the MENU button up to when the VER is shown on the display.

Pressing “↵” button, the firmware version will be showed on the Led display. E.g. V00, means version 00.



 If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

 Do not put exhausted batteries into the household rubbish. Always take them to a special waste disposal (e.g. collecting container at your retailer).



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