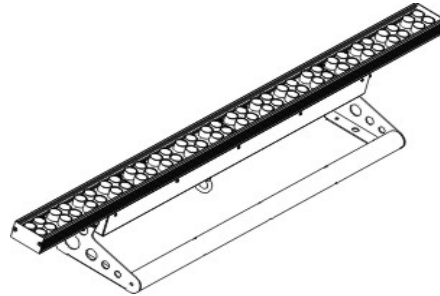# LiTECRAFT®

PowerBar 4
Manual

Thank you for purchasing this LITECRAFT product. For your own safety, please read the instruction manual carefully before turn on the product for the first time.

SAFETY NOTES

- Each person which is responsible for the installation, the use or service of this unit must be:
  - qualified
  - has to follow the instructions in this manual.
- **WARNING!** Be careful when using the device. You risk an electrical shock from high voltage, if you touch the wires!
- The device has left our company in manufacturer proofed state. To maintain this status and to ensure a safe operation, it is absolutely necessary to follow the safety instructions and warnings in this manual.
- **IMPORTANT:** Errors, caused by not following these instructions are not covered by the warranty. The dealer will not accept liability for any resulting defects or problems.
- Keep the unit away from radiators or other heat sources!
- If the unit has been exposed to tremendous temperature changes (e.g. after transportation), do not turn it on immediately. The resulting condensation could damage the unit. Don`t switch unit on until the device reaches room temperature.

- This device belongs to protection class I. Therefore, it is imperative that the green/yellow wire is connected to the earth contact of the plug. The electrical connection must be made by a qualified person.
- Make sure that the cable is never never squeezed or damaged by sharp objects. Check the device and the cables regularly.
- If the cable is damaged, it must be replaced immediately by the manufacturer, its service agent or a qualified person in order to avoid danger.
- Lenses, glasses or UV filters must be replaced if they are visually damaged, or their effectiveness is impaired, e.g. by broken glass or by deep scratches.
- Ensure that wires never come in contact with other wires! Handle the power cord and all connections with caution!
- Make sure that the line voltage is not higher than the voltage specified in this manual.
- Disconnect the unit from the AC mains when it is not in use or when cleaning it. Disconnect the connection only by pulling the cable plug.
- Using the fixture for the first time, can result in light smoke and odors. This is a normal process and does not constitute a defect.
- **RISK OF BURNS!** Do not touch the unit during operation! The housing may reach high temperatures.
- **RISK TO HEALTH!** Never look directly into the light source. Epileptics risk an epileptic shock! Disconnect the unit from the AC mains when not in use or when cleaning it.
- Defects caused by modifications of the device by unqualified handling or an unqualified person are not covered by the warranty.
- Keep the product away from children and unskilled people.
- There are no wear parts in the device. Maintenance and service must be performed only by an authorized service partner.
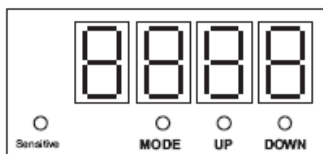
OPERATION:

- This device has several DMX, manual and audio modes. In DMX mode, multiple devices can be connected and controlled by a controller. The device accepts the settings of the DMX-controller, as soon as the corresponding start address is set.

- Slave mode:
  Connect the DMX output of the master device (XLR female) to the DMX input of the slave device (XLR male). Set the slave device to mode 5 with the start address 001 (display shows: 5001). Turn the unit off and on again. The slave device accepts all settings of the master device (such as color macro mode, dimmer program mode, dimmer program speed, dimmer red, dimmer green, dimmer, dimmer blue, dimmer white, color changes synchronized to audio).

- Display description:
  The display shows the DMX start address and the different DMX modes. The first digit shows the mode, the last three digits show the DMX start address (1-512), one of the pre-programmed modes or the speed values (1-16). If a DMX mode is choosen, but actually there is no DMX signal present, the display flashes.

- Button description:
  Press the MODE button repeatedly to select the mode. Press the UP or DOWN button to set the DMX start address or any of the pre-programmed modes or the speed values. Use the UP button to increase the value. Use the DOWN button to decrease it.
  NOTE!
  If you hold the UP or DOWN button for longer than 3 seconds, the value changes faster. The device has an automatic storage for all settings. When you turn the device off and on again, it works with the previously set values.

- Pot Description:
  The knob controls the sensitivity of the audio control in the audio mode.

CONTROL MODES/DMX DESCRIBTION:

	mode	display	function
display mode	permanent on	0***, ***1 = permanent	display permanent on
	automatic switch off	0***, ***2 = automatic	display switches off after 10 s and switches on by pressing any button
DMX mode	4 channel mode	1***, *** = DMX adress	ch1 = dimmer red ch2 = dimmer green ch3 = dimmer blue ch4 = dimmer white
	6 channel mode	2***, *** = DMX adress	ch1 = dimmer red ch2 = dimmer green ch3 = dimmer blue ch4 = dimmer white ch5 = master dimmer ch6 = strobe
	4 channel mode	3***, *** = DMX adress	ch1 = dimmer red, green, blue, white, zone 1 ch2 = dimmer red, green, blue, white, zone 2 ch3 = dimmer red, green, blue, white, zone 3 ch4 = dimmer red, green, blue, white, zone 4
	16 channel mode	4***, *** = DMX adress	ch1 = dimmer red, zone 1 ch2 = dimmer green, zone 1 ch3 = dimmer blue, zone 1 ch4 = dimmer white, zone 1 ch5 = dimmer red, zone 2 ch6 = dimmer green, zone 2 ch7 = dimmer blue, zone 2 ch8 = dimmer white, zone 2 ch9 = dimmer red, zone 3 ch10 = dimmer green, zone 3 ch11 = dimmer blue, zone 3 ch12 = dimmer white, zone 3 ch12 = dimmer red, zone 4 ch14 = dimmer green, zone 4 ch15 = dimmer blue, zone 4 ch16 = dimmer white, zone 4
slave mode	slave mode	5*** - no setting possible	slave modus works in all manual and audio modes - the unit just adapts to the settings of master unit.
manual mode	color macro mode	6***, *** = pre-programmed colors	choose one of 20 pre-programmed colours
	dimmer programm mode	7***, *** = pre-programmed dimmer programms	choose one of 9 pre-programmed dimmer programms
	dimmer programm speed	8***, *** = speed value	choose of 16 speed values for the dimmer programm choosed in mode 7
	dimmer red	***, *** = dimmer value	dimmer value red (0-255)
	dimmer green	***, *** = dimmer value	dimmer value green (0-255)
	dimmer blue	***, *** = dimmer value	dimmer value blue (0-255)
	dimmer white	***, *** = dimmer value	dimmer value white (0-255)
audio mode	color change driven by audio	9***, *** = audio driven pre-programmed dimming programms	1. choose 13 audio driven pre-programmed dimming programms, set mic sensitivity by SENSITIVITY pod 2. all 13 audio driven pre-programmed dimming programms will be repeated 3-4 times when display shows ALL 9

Technical Specification:

Voltage:	100-240 V, 47-63 Hz
Power Consumption:	0,35 A @ 230 V
Measurements:	1070 x 185 x 160 mm
Weight:	4,74 kg
Fuse:	T3.15 A @ 250 V