

USER MANUAL

LED ZOOM PAR CAN



CAUTION

Unplug mains lead before opening the housing!

First thanks for your use our LED par light.

Everyone involved with the installation, operation and maintenance of this device has to

↑ be qualified

↑ follow the instructions in this manual and consider this manual to be part of the total product

↑ keep this manual for the entire service life of the product

↑ pass this manual on to every further owner or user of the product

↑ include every supplementary update with the original manual

Before your initial start-up, please make sure that there is no damage caused during shipment.

Should there be any, don't use the device and consult your supplier.


I. SAFETY INSTRUCTIONS



CAUTION: Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe

operation, it is absolutely necessary to follow the safety or problems.

 **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.

If the device has been exposed to drastic temperature fluctuation (e.g. after delivery), don't switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

It must be used in an area with good ventilation.


Do not shake the device. Avoid brute force when installing or operating. This device is allowed to be operated with an AC of 110-220V. It falls under protection-class I. The power plug must be only be plugged into a protection-class I outlet. The yellowish-green or green conductor must be earthed!

Check the device and the power cord from time to time. Make sure the power cord is not crimped or damaged by sharp edges. Never let the power cord come into contact with other cables! Always connect the device to the mains last. Always disconnect from the mains, when the device is not in use or before cleaning it. Never leave the device running unattended. Operate the device only after having familiarized with its functions. Keep away children and amateurs from the device! Do not permit operation by person not qualified for operating the device. Most damages are the result of unprofessional operation!

There are no serviceable parts inside the device. Maintenance and service operations can be only carried by a qualified person. Please consider that unauthorized modifications on the device are forbidden due to safety reasons! Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

If this device will be operated in any way different to the one described in this manual, it may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

DMX Operation

 The wires must not come into contact with each other, otherwise the fixtures will not work at all, or not work properly.

Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

DMX start address setting

The device has maximum 8 channels.

Press the Menu button until it shows AXXX or dXXX in the display. XXX is the address you set last time. Press Up or Down button to select your desired address.

Press Enter button to save.

DMX control mode selection

This device has 2 different DMX control modes: one is A001, another one is d001. If two, three or more devices are set to same control mode, they will work similarly.

d001 is 4CH mode ,A001 is 8CH mode.

Press the Menu button until it shows A001 or d001.

Press Enter button to select your desired mode.

LED digital display window table:



A B C D

A: Menu

B: Up

C: Down

D: Enter

E: LED Display

Operation instructions: Press the function key A to produce eight different functional effects. The first two digits of the digital tube represent the current function (refer to the function table). The last two digits represent the function

2. Background display window function control table.

NO.	Display	Function Description
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1	R235	Red current, (020-255) Default 235 B and C keys modify the current
2	G235	Green current, (020-255) Default 235 B and C keys modify the current
3	B235	Blue current, (020-255) Default 235 B and C keys modify the current
4	W235	White current, (020-255) Default 235 B and C keys modify the current
5	Y235	Yellow current, (020-255) Default 235 B and C keys modify the current
6	P235	Purple current, (020-255) Default 235 B and C keys modify the current
7	m000	Motor strength, (000 -- 008) default 0 B and C keys modify the motor strength
8	U128	Motor stroke, (000 -- 255) default 128 B and C keys modify motor stroke
9	J128	Motor correction, (000 -- 255) default 128 B and C keys modify motor correction
10	t005	Motor speed, (000 -- 028) default 5 B and C keys modify motor speed
11	C-60	Lamp body temperature setting, (40-70) Default value (60) Note: The lamp body must be connected to a temperature control resistor before this function can be activated

(all functions can be selected and then press D key to confirm).

3. LED display window function comparison table

(all functions can be selected and then press D key to confirm)

NO.	Display	Function Description
1	A001	11 channel address code, (001 -- 512) B and C keys add and subtract address numbers
2	D001	7 channel address code, (001 -- 512) B and C keys add and subtract address numbers
3	CC 00	Colorful Jump, (01 -- 99) B and C key modify the jump speed
4	CP 00	Colorful fade, (01 -- 99) B and C key modify the pulse and gradient speed
5	DE 00	Colorful pulse, (01 -- 99) B and C keys modify the speed of combination change
6	BEB1	Colorful sound control changes
7	R220	Red choice, (000 -- 255) B, C key to modify the color selection

8	G220	Green color selection, (000 -- 255) B, C key to modify the color selection
9	B220	Blue color selection, (000 -- 255) B, C key to modify the color selection
10	W220	White selection, (000 -- 255) B, C key to modify the color selection
11	Y220	Yellow selection, (000 -- 255) B, C key to modify the color selection
12	P220	Purple choice, (000 -- 255) B, C key to modify the color selection
13	t000	Motor position, (000 -- 255) B and C keys modify the motor position

DMX512 11 channel description

NO.	Function	Notes
CH1	Total dimmer	R, G, B, W, Y, P general dimming, linear dimming, from dark to light
CH2	Total strobe	R, G, B, W, Y, P total stroboscopic, from slow to fast
CH3	Feature selection	0--40: DMX 11 channel control; 41--60: jump (motor subject to 512 control); 61--80: fade (motor under 512 control); 81--100: pulse (motor is controlled by 512); 101--120: sound control 1 (motor under 512 control); 121--140: sound control 2 (motor under 512 control); 141--160: jump (motor go built-in program); 161--180: fade (motor go built-in program); 181--200: pulse (built-in procedure of motor running); 201--220: voice control 1 (motor go built-in program); 221--255: Voice control 2 (motor walk built-in program)
CH4	Function of speed	Function speed, from slow to fast

CH5	R Dimmer	R dimmer, linear dimming, dark to light
CH6	G Dimmer	G dimmer, linear dimming, dark to light
CH7	B Dimmer	B dimmer, linear dimming, dark to light
CH8	W Dimmer	W dimmer, linear dimming, dark to light
CH9	Y Dimmer	Y dimmer, linear dimming, dark to light
CH10	P Dimmer	P dimmer, linear dimming, dark to light
CH11	focusing	The focal length goes from small to large

DMX51 7 channel description

CH1	R Dimmer	R dimmer, linear dimming, dark to light
CH2	G Dimmer	G dimmer, linear dimming, dark to light
CH3	B Dimmer	B dimmer, linear dimming, dark to light
CH4	W Dimmer	W dimmer, linear dimming, dark to light
CH5	Y Dimmer	Y dimmer, linear dimming, dark to light
CH6	P Dimmer	P dimmer, linear dimming, dark to light
CH7	focusing	The focal length goes from small to large

4.Functional features:

Operation is very simple, user-friendly design, dimming without flicker, jitter phenomenon. Suitable for photography, photography, television and other occasions with strict lighting requirements.