

Channel	Function	Value	Description
1	Dimmer	0-255	0-100% Linear Dimmer
2	Red	0-255	0-100% Red Dimmer
3	Green	0-255	0-100% Green Dimmer
4	Blue	0-255	0-100% Blue Dimmer
5	White	0-255	0-100% White Dimmer
6	Strobe	0-015	LED OFF
		016-255	Strobe effect from slow to fast
7	Auto	0-015	LED OFF
		016-255	Auto color mixing from slow to fast
8	Speed	0-255	Speed of Auto color mixing and strobe from slow to fast
9	Sound	0-127	Sound control OFF (from controller)
	Control	128-255	Sound control ON (from controller)

**For your own safety, please read this user manual carefully before your initially start-up!**

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

- be qualified
- follow the instructions in this manual
- 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, do not use the device and consult your supplier.

**SAFETY INSTRUCTIONS**


**Cautions!** 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 for the user to follow the safety instructions and warning notes written in this user manual.



**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 fluctuations (e.g. after delivery), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

This device is allowed to be operated with an AC90-260V, and is designed for indoor use only. Make sure the available voltage is not higher!. This device fails under protection class!. The power plug must only be plugged into a protection-class I outlet. The Green or Yellowish-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! Handle the power cord and all connections with the mains with particular cautions! 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!

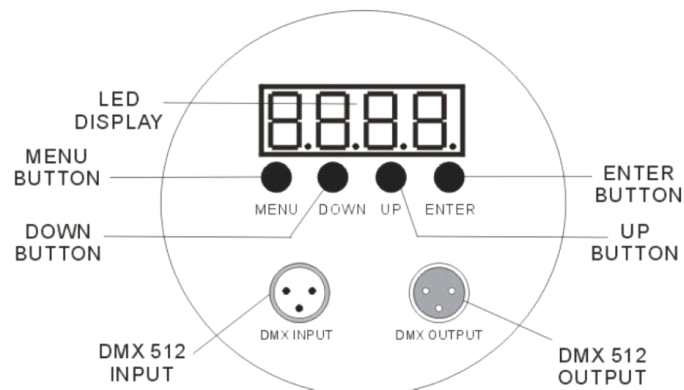
Operate the device only after having familiarized with its functions. Keep away children and amateurs from the device!

Do not shake the device. Avoid brute force when installing or operating. 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, electric shock, etc.

BACK PANEL

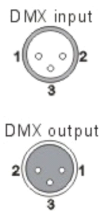


OPERATIONS

DMX512 Connection

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

Occupation of the XLR Connection:



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

If you are using controllers with this occupation, you can connect the DMX output of the controller directly with the DMX input of the first device in the DMX chain. If you wish to connect DMX controllers with other XLR outputs, you need to use adapter cables.

**Building A Serial DMX Chain:** Connect the DMX output of the 1<sup>st</sup> device in the DMX chain with the DMX input of the next device. Always connect one output with the input of the next until all devices are connected.

**Caution:** At the last device, the DMX cable has to be terminated with a terminator. Solder a 120 ohm resistor between Data (-) and Data (+) into a 3-pin XLR plug and plug it in the DMX output of the last device.

DMX Start Address Setting

This device has 4 or 9 DMX channels. If you set, for example, the start address to channel 1, the device will use the channels #1<sup>st</sup> to 4<sup>th</sup> or # 1<sup>st</sup> to 9<sup>th</sup> for control. The first available channel for the next fixture will be the 5<sup>th</sup> or 10<sup>th</sup>. Please be sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX chain. If two, three or more devices are addressed similarly,

they will work similarly.

Press the menu button until it shows AXXX in the display. XXX is the address you se last time. Press UP or DOWN button to select your desired address, etc, A001. Press ENTER button to save or press MENU button to exit.

LED Display Illustration

- MENU:** "EXIT"button. Only exit but will stay in the current working mode.
- UP:** Increase DMX value or to move upper menu.
- DOWN:** Decrease DMX value or move to next menu.
- ENTER:** Select the need menu.

Menu Illustration

- ADDR:** A001-A512
- CHND:** DMX channel modes, 4CH or 9CH
- SLND:** Select MASTER/SLAVE mode
- SHND:** SOUN means sound control. COLO means colors (COL1-CLO15) AUTO means auto mode(Speed: SP01-SP08). FADE means color fading(Speed: SP01-SP08).
- MANU:** Manual control for colors (RED: 0-255; GREEN: 0-255; BLUE: 0-255; WHITE: 0-255). When it's set, it will stay in current value even the power is OFF.
- TEST:** Colors auto test(R,G,B,W)
- FHRS:** Total operating times for the light.

TECHNIAL SPECIFICATIONS

Input Voltage	AC90-260V 50/60Hz
Power Consumption	75W
LED Quantity	7*10W LEDs （4-IN-1）
Life Span	50000H
DMX Channel	4CH/9CH

DMX Channel

4CH Mode			
Channel	Function	Value	Description
1	Red	0-255	0-100% Red Dimmer
2	Green	0-255	0-100% Green Dimmer
3	Blue	0-255	0-100% Blue Dimmer
4	White	0-255	0-100% White Dimmer