



ECO Stage

BLINDER 2*CW+WW



USER MANUAL

Please read over this manual before operating the light

IMPORTANT SAFETY

- 1, Read the instruction of this manual carefully.
- 2, Keep this instruction in safety place.
- 3, Heed all of the warnings.
- 4, Follow all of the instructions.
- 5, When the installation of this device, please respect your country safety regulations.
- 6, Don't use this device close to the water or high humidity places, clean only with dry cloth.
- 7, Don't install near any heat sources such as radiators, heat registers stoves, or other apparatus (including amplifiers) that produce heat, Make certain that the equipment is always installed so that is cooled and can't overheat.
- 8, Don't block any ventilation openings, install in accordance with the manufacturer's instructions.
- 9, Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer or the distributor.
11. Unplug this device during lightning storms or when unused for long period of time.
12. The technical service is required when the device has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, doesn't operate normally or has been dropped.
13. To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.
14. The main plug of the power supply cord shall remain readily operable.
15. WARNING-To reduce the risk of fire or electric shock, don't expose this device to rain or humidity.
16. Don't expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.

OVERVIEW

The blinder light is a led light that is the latest development of the smart, efficient products with led lamp source, professional shape combined with the advanced technology of today's stage lighting products with international advanced electronic control technology and excellent user-friendly industrial design.

coupled with the high-quality optical lens components, broadband voltage, a clear pattern, sharp and uniform output light efficiency.

It is widely used in television, disco dance halls, nightclubs, performances and other professional places.

TECHNICAL DATA:

Input voltage: AC90-260V, 50/60hz.

Total power :250W

LED lamp source :2pcs 100W COB LED lamp source.

Control signal: dmx512, master-slave and sound-activated.

Control channels :4/8 DMX channels

zoom Angle: 38 degrees

Packing size :48*28*27CM

Net weight: 4kgs, Total weight: 5kgs

INSTALLATION

This product is only suitable for professional use, and does not apply to security for other purposes,

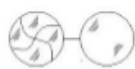
this product is designed for indoor use, it is IP20 protection class, led lamps should be kept dry to avoid moisture, overheating or dusty environment, Prevent lamps get in contact with water or any other liquid, the use of this product should pay attention to : fire, heat, electric shock, ultraviolet radiation, the lamp to explode or shedding caused serious of fatal injury, be sure that when you install the unit in a truss system, all the truss clamps are well close and pressed, all the structure where the devices are installed must support perfectly all the weight.

Anti-high temperature



Please don't use the equipment if the temperature above 40°

Rupture prevention



The lens should be replaced when they are damaged or presents any problem, replace always with original lamp from the factory. .

To prevent falling wounding



Please don't move the package by one person only, if the device is going to be transport, please verify that the facilities to be able to withstand the weight of the lamps at least 10 times more.



Please make sure the truss structure is strong enough, and use always a steel wire as auxiliary security between the device and the structure.

UA protection

Is not allow straight the viewpoint with exposed lamp source, Don't use the equipment without the lens or without lamp, the lens and the light head covers should be timely replaced if any appears any sign of damage or rupture. The device should be used with the protection screen together.

Prevention of electric shock



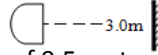
The electrical connection must only be carried out with corresponding qualifications;
Before installing, make sure you use the power voltage lamps must comply with the identified power, voltage and have an overload or leakage protection; 
Each light must be properly grounded, installed in accordance with the relevant standards;
Cut off the power when stall or replace the lamp and the fuse; 
Prohibit the use of a lightning storm or wet environment.

Prevent burning or fire





1. The fixture can be mounted directly on the surface of ordinary combustible material.
2. Do not short-circuit temperature protection switch or fuse, use the specified type of fuse.
3. The equipment must be installed away from inflammable and explosive materials.
4. The equipment should be projected range of 3 meters away objects and projectiles temperature less than 60 ° C; ---- 3.0m.
5. Fan or ventilation, at least in the range of 0.5 meters can not be an obstacle.
6. Do not place any object on the lens.
7. Handling at least allow the device to cool for 20 minutes.
8. Do not replace the non-original parts.



Transport protect lock

In order to protect the light, the device counts with a vertical lock to stop from unwanted movement, during the transport, the lock must remain close keeping the item safe.

About Packing

- 1, Before save the device, make sure the power is off and wait for at least 10 minutes to cool it down.
- 2, Before clean the lens, make sure the light are in good condition.
- 3, After pack it by a plastic bad, carry and move it using it the two handles besides the product and put the product into the fly case up-side-down.
- 4, After the product have been packed, put the accessory into the case and close and lock the fly case.

Unpacking

Note: before unpacking check the damage is whether due the transportation or not, if you find any such damage, please don't use this item, and contact with the dealer.

- 1, Open the carton box and take out the inside plastic bag.
- 2, High-lift the product by two handles beside the bottom base and move it out.

ATTENTION:

One product just can accept one input and one output.

DMX cables includes 3 contact pins:

Pin 1: Ground

Pin 2: Connect it to the negative pin

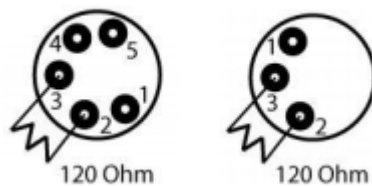
Pin 3: Connect it to the positive pin

The DMX cable must use the professional shielded twisted pair cable, standard loudspeaker cable is not reliable to control the long-range data, 24AWG is suitable for more than 300 meters long-distance signal transmission and must add DMX512 signal amplifier, don't use two output to separate the connection, if you separate a continuous connection you will need to use a DMX splitter.

Don't overload the connection, one continuous connection can only support to 20 devices.

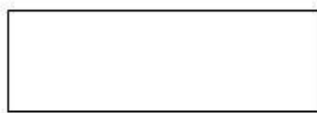
If a DMX512 splitter is used, follow this instruction:

At first connect the DMX512 splitter input terminal to controller, after that, connect it from the splitter output terminal to next device, do as above guide to connect other device and finally coupled with terminal insertion, to prevent system errors, the last device in a DMX chain needs to be equipped with a terminating resistor.



LCD DISPLAY

1. The Introduction of LED display panel:



- A. Menu
- B. UP
- C. Down
- D. Enter
- E. LED Display

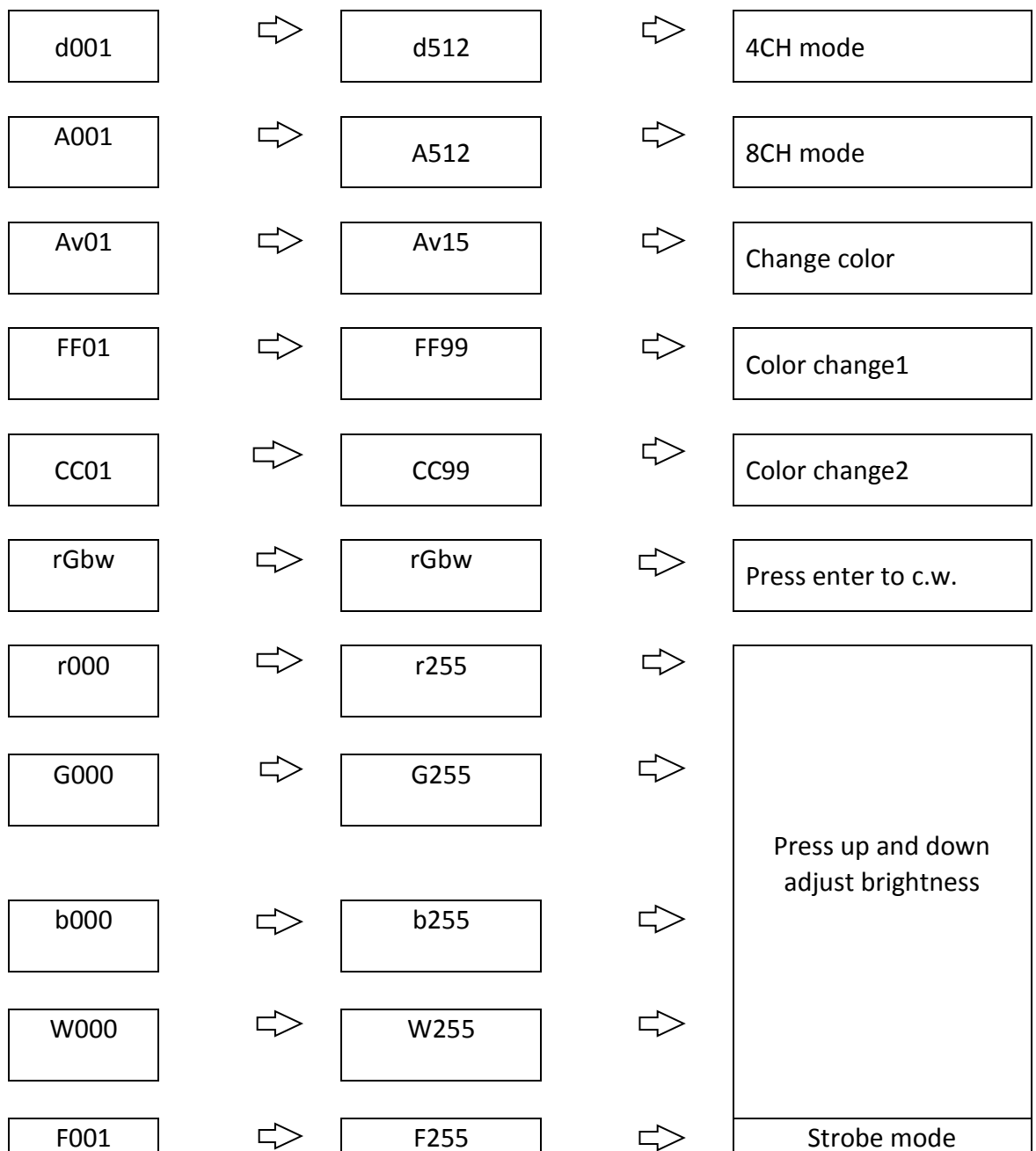
A B C D

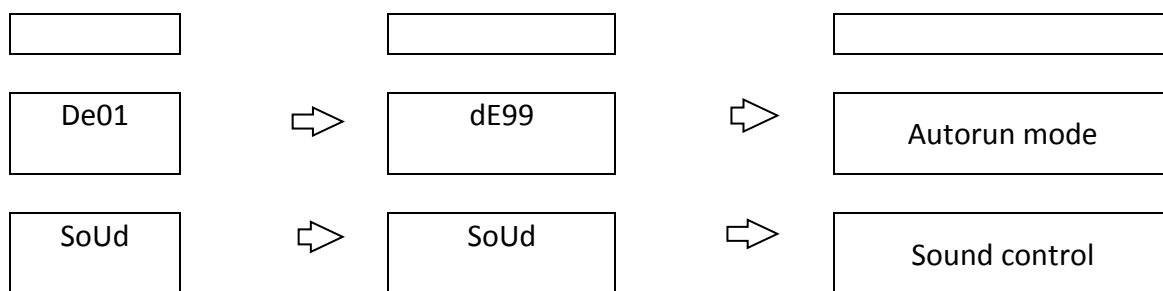
Press **A** button, there will be eight different effects.

The first two letters stands for functions (refer to Diagram II)

The last two letters stands for DMX address, or speed,.

You can modify it with **B** or **C** button. And press **D** button for confirmation.





DMX CHANNEL LIST

| 4 Channels | | |
|------------|---------|--------------------------|
| CH | Value | Function |
| CH1 | 0 | W1 close |
| | 1-255 | from dark to bright |
| CH2 | 0 | W2 close |
| | 1-255 | from dark to bright |
| CH3 | 0 | W3 close |
| | 1-255 | from dark to bright |
| CH4 | 0 | W4 close |
| | 1-255 | from dark to bright |
| 8 Channels | | |
| CH | Value | Function |
| CH1 | 0-255 | total dimmer |
| CH2 | 0 | W1 close |
| | 1-255 | from dark to bright |
| CH3 | 0 | W2 close |
| | 1-255 | from dark to bright |
| CH4 | 0 | W3 close |
| | 1-255 | from dark to bright |
| CH5 | 0 | W4 close |
| | 1-255 | from dark to bright |
| CH6 | 0-255 | Strobe from slow to fast |
| CH7 | 0-50 | Open CH1-CH7 |
| | 51-100 | Choose color |
| | 101-150 | Program 1 |
| | 151-200 | Program 2 |
| | 201-250 | Program 3 |
| | 251-255 | Sound active |
| CH8 | 0-255 | speed from slow to fast |

TROUBLESHOOTING

This short guide is meant to help and try to solve simple problems, if they continue and the device can't operate, don't try to repair it by yourself, return the device to your dealer.

If a problem occurs, carry out the follow steps in sequence until find solve the problem, the unit operates properly, don't continue with next steps, if the effect does not operate properly, refer servicing to a technician.

No Light

Response: Suspect two potential problem areas: the power supply or the LEDs.

- 1- Power supply, check that the units is plugged into a appropriate power supply.
- 2- Check if the fuse is not blown, if it is, change it with one that keeps the same technical features. if once the fuse is ok the device again blown it, please don't change it again, contact the technical service.
- 3- If all the above appears to be Ok, plug the unit in again.
- 4- If you are unable to determine the cause of the problem, do not open the device, as this may damage the unit and the warranty will become void.
- 5- Return the device to your dealer.

No DMX

Response: Suspect the DMX cable or connector, a controller wrong function, a light effect DMX card error.

- 1- Check the DMX setting, make sure that DMX address are correct.
- 2- Check the DMX cable: unplug the unit, change the DMX cable, then reconnect to electrical power, try you DMX control again.
- 3- Determine whether the controller or light effect is a t fault, does the controller operate properly with other DMX product? If not, take the controller in for repair, if so, take the DMX cable and light effect to a qualified technician.

DMX Connection

When fabricating your own cables, always observe the illustrations on this page, never connect the shielding of the cable to the ground contact of the plug, and always make certain that the shielding does not beech the connection of the XLR plug, if the shielding is connected to the ground, this can lead to short-circuiting and system malfunctions.