NOUVOLED

BLINDER 400 TW/CW

USER MANUAL

4X100W TW/CW BLINDER

1. Unpacking

Thank you for choosing our LED blinder. For your own safety, please read this manual before installing the device. This manual covers important information on installation and applications. Please keep this manual for future reference.

This light uses 100-watt warm white led giving incredible output. Please unpack this fixture carefully and check whether it was damaged in shipping.
The following item should be in the box with the fixture:
1.Power wire 2. Signal wire 3. User Manual

2. Safety Instructions.

This device has left the factory in 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. This fixture is a high voltage fixture. Be careful when dealing with high voltages.
Please read this manual. If you do not read this manual and damages occur to the fixture, then it could void the warranty.
During shipping, the light may have been exposed to high temperature changes or humidity changes. So, as a precaution, do not switch the light on immediately. Condensation can damage the fixture so leave the fixture switched off until it has reached room temperature. The light is an **INDOOR** operational fixture. Do **not** operate this fixture **outdoors** or anywhere there is high **humidity.**
The electric connection must carry out by a qualified person and it is absolutely essential that the fixture be **grounded**. So, under no circumstances break off the ground pin on the Edison plug or use the fixture where a ground is not present. A ground pin, like the fuse for the fixture is there for safety.

Always disconnect the fixture from the power source, when the fixture is not in use or before cleaning it. Only unplug it from the power source holding onto the Edison plug. Do **not** pull out the Edison plug out by just pulling on the power cord itself.

Please keep the fixture away from children and the general public. Please be intelligent and use common sense when operating the fixture.

3. General Guidelines.

This fixture is a lighting fixture for professional use on stages, in clubs, concert etc.
This fixture should only be operated at between 90 to 240 volts and only indoors.
This fixture should not be operated 24/7 (24 hours a day; 7 days a week). This fixture needs operation breaks to ensure that it will work for a long time without problems. Please do not shake the fixture and avoid using brute force when installing or operating it.
When choosing the location to install the fixture, please make sure that it is not exposed to extreme heat, moisture or dust and never install it **outdoors**. Make sure that the fixture has a good amount of free space around it for air flow. Do not install it in a confined space or have insulation around the fixture. The minimum distance between the fixture and the illuminated surface must be more than 3 feet.
Always mount the fixture with an appropriate safety cable.

Operate the fixture only when you are familiar with the features on the fixture. Do not permit operation by persons not qualified.
All modifications to the fixture**.** There are absolutely no exceptions.
If the fixture is operated in any way different to the one described in this manual, this light maybe damaged and the guarantee will be void.

4. Installation

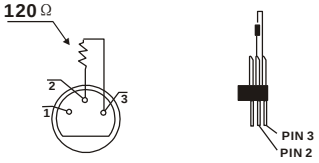
A safety chain or cable should also be used as a secondary point of holding the fixture in case the clamp comes loose. Never hang the fixture without a safety chain or cable.
If you are not qualified or have any doubts about hanging the fixture then do **NOT** hang it.

5. DMX-512 Control Connection

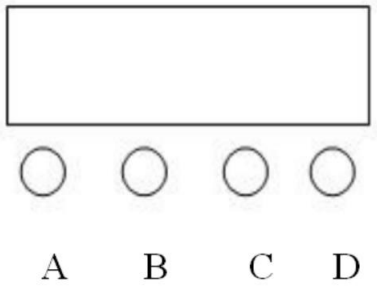
Connect an XLR cable to the female 3-pin XLR output of your DMX controller. The other end should be connected to the male 3-pin XLR input of the fixture. Then daisy-chain out of the first fixture into the next fixture or other DMX device. Never **"Y"** split the DMX connection.
If you need more cable, then it should be two core, screened cable fitted with a 3 pin XLR input and output connector. Please refer to the diagram below.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically "noisy" environment, it is recommended that a DMX terminator is used. This helps prevent corruption of the digital control signal. The DMX terminator is simply a 3 pin XLR plug (male) with a 120 Ω resistor connected between pins 2 and 3. It is then plugged into the output XLR socket of the last fixture or other dmx device in the chain. Please see illustration below.



6. Menus in the fixture.



A. MENU

B. UP

C. DOWN

D. ENTER

No	Display	Function
1	A001	8 channel DMX address (001-512), press UP/DOWN to change the address
2	D001	4 channel DMX address (001-512), press UP/DOWN to change the address
3	H001	2 channel DMX address (001-512), press UP/DOWN to change the address
4	h001	1 channel DMX address (001-512), press UP/DOWN to change the address
5	CC00	Jump run method (00-06), Press UP/DOWN to change the run method
6	LL00	Run speed (01-99), Press UP/DOWN to change the run speed
7	CP 00	Gradual change (01-99), Press UP/DOWN to change the speed
8	dE 00	Pulse change (01-99), Press UP/DOWN to change the speed
9	bEb1	Sound activates
10	W255	White color (0-255), Press UP/DOWN to change the color
11	n000	Strobe (0-255), Press UP/DOWN to change speed

7. Channel information

8 channel mode

Channel	Function	Description
1	Dimmer	4 LED dimmer, linear dimmer from dark to bright
2	W1	W1 dimmer, linear dimmer, from dark to bright

3	W2	W2 dimmer, linear dimmer, from dark to bright
4	W3	W3 dimmer, linear dimmer, from dark to bright
5	W4	W4 dimmer, linear dimmer, from dark to bright
6	Strobe	W1、W2、W3、W4 strobe, from slow to fast
7	Function chooses	0-20 Blank 21-35: Jump change 1; ..... 121--135: Jump change 6； 136--150: Gradual change 1； ..... 226--240: Gradual change 6； 241--255: Sound activate；
8	Function speed	Function speed, from slow to fast

4 channel mode

Channel	Function	Description
1	W1	W1 dimmer, linear dimmer, from dark to bright
2	W2	W2 dimmer, linear dimmer, from dark to bright
3	W3	W3 dimmer, linear dimmer, from dark to bright
4	W4	W4 dimmer, linear dimmer, from dark to bright

2 channel mode

Channel	Function	Description
1	Dimmer	4 LED dimmer, linear dimmer from dark to bright
2	Strobe	4 LED strobe, from slow to fast

1 channel mode

Channel	Function	Description
1	Dimer	4 LED dimmer, linear dimmer from dark to bright

8. Cleaning and maintenance.

Now ignoring maintenance and cleaning is very good way of creating problems "down the road" and many companies and installations do just that. However, the net result is, no matter what the fixture, premature failure!
Changing the oil in a car most people do on a regular basis.
So, with the fixture's regular maintenance it an excellent practice, if you want the fixtures to last.
So, what is the maintenance for the fixture?

Clean the fan! That's really it!

Turn off the light.
Using a small vacuum cleaner, suck the dust and "fur balls" out.
Do not use a can of co^2. That will just blast the dust and dirt everywhere!
The fan keeps the LEDs cool and keep the electronics cool too.
Without the fan working efficiently and dust free, the fixtures will fail and that will be a lot more costly than having someone vacuum the fixtures on a regular basis.
How often should the fan be cleaned? It depends on where the fixtures are; in a very dusty atmosphere once a week. So, check the fan on a regular basis, it may not need cleaned every week but a quick "visual inspection" should be done.

The clear front plastic cover for the lenses should be cleaned so the light output is maintained. With the fixture turned off, use only a moist lint-free cloth, and clean the plastic cover. Never use alcohol or solvents to clean the fixture. Never spray anything onto the fixture at the front or in any place on the fixture.

9. Technical Specification.

Voltage:90-240V 50/60Hz
LED:4pcs 100W Warm white LED
Beam angle:70 degree (Sharp beam effect)
Dimmer:0-100% linear dimmer
Strobe:1-25times/sec or random strobe
Variable run method, jump change, Gradual change
4 LED have different run method