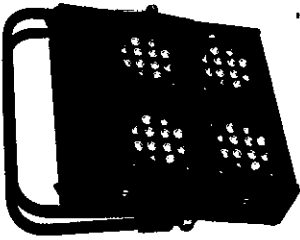


1W LED BLINDER36-4

OPERATING INSTRUCTIONS



CAUTION!! Keep the device away from rain and moisture! Unplug mains lead before opening the housing!
For your own safety. Please read this user manual carefully before you initial start-up. Every person involved with the installation, operation and maintenance of this device have to: -Be qualified.

Instruction

The 1W LED BLINDER36-4 is part of continuing pursuit for creating high quality affordable intelligent, high powered LED color wash. This wash can be used in a stand alone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This wash has four operating modes: Sound Active mode, Auto mode, RGB mode and DMX control mode.

Feature

- Multi-Colors
- Color Strobe
- Electronic Dimming 100%
- Built in Microphone
- DMX-512 protocol
- Seven DMX Channel Mode or Twelve DMX Channel Mode
- FC Pad (Optional Foot Controller Not Included)

Operation

Operating Modes:

- You can use the unit in either a stand alone mode or a master/slave configuration, there are 4 modes to choose from
- Sound-Active mode-The unit will react to sound, chasing through the built in programs.
 - Auto Mode-The unit will automatically chase through the different colors.
 - Static Color Mode-Choose a single color to stay static.
 - DMX control mode-This function will allow you to control each individual fixtures traits with DMX 512 controller. Choose between a 7 DMX Channel mode or 12 DMX channel mode.

Master-Slave Operation:

This function will allow you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the "Master."

Master-Slave Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain(master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. You will also have to link the power cords to each other, as you did with the XLR cables.
3. Using the Master unit, choose your desired mode and connect the "Slave" unit or units.
4. Set the "Slave" unit(s) to the first address mode. So all "Slave" units display "1001", they will now follow the "Master" unit.

Sound Active Mode:

In this mode the unit will react to sound, and chase through the different colors. There are two sound modes to choose from.

1. Plug the fixture in and press the left (MODE) button until "3-So" is displayed.
2. The fixture will now change color via sound.
3. You can also press the left (MODE) button until "5-00" is displayed. "5-00" is another sound active mode, but mode 5 must remain "5-500". Do not press the middle (UP) button or right (DOWN) button while in this Sound Active mode or you will enter Auto Mode. Please see Auto Mode below.
4. With mode 5 in sound active mode, press the left (MODE) button once so that "601" is displayed. You may now select your desired program in the mode 6 by pressing either the middle (UP) or right (DOWN) buttons. The program you select will now run in Sound Active mode. There are 40 programs to choose from.

Auto Mode:

There are two auto modes to choose from.

1. Plug the fixture in and press the left (MODE) button until "6-01" is displayed. When "5-00" is displayed this is actually a Sound Active mode, you must adjust mode 5 so that is not in sound active. Anything between "5-01" and "5-15" is now Auto Mode.
2. Select you desired program in mode 6 by pressing either the middle (UP) or right (DOWN) buttons. There are 40 programs to choose from.
3. Adjust the speed of mode 6 by using mode 5. Adjust the speed by pressing either the middle (UP) or right (DOWN) buttons. The speed can be adjusted from "5-01" the slowest, to "5-15" the fastest.

Static Color Mode:

Choose one of 36 colors to remain static.

1. Plug the fixture in and press the left (MODE) button until "4-00" is displayed.
2. Now by pressing either the middle (UP) button or right (DOWN) button you can scroll through and choose which color you want to project. Remember the color you choose will remain static.

DMX Mode:

There are two DMX Modes to choose from. One mode is a 7 Channel Mode, and the other is a 12 Channel Mode. Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
2. The 1W LED BLINDER36-4 uses either a seven DMX channel mode or 12 DMX channel mode to operate.
3. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller.
4. To run the 12 Channel Mode, press the left (MODE) button until "1001" is displayed. This is the DMX addressing for the 12 Channel Mode.
5. To run the 7 Channel Mode, press the left (MODE) button until "2001" is displayed. This is the DMX addressing for the 7 Channel Mode.
6. Please see pages 2 for DMX values and traits.

Optional accessory (Foot Controller):

This is a simple foot controller that is sold separately.

1. Plug the foot controller into the unit bear panel via the 1/4" jack.
2. Plug the fixture in and press the left (MODE) button until "3-So" is displayed. You can now control the unit using the using the foot controller. Please refer to the foot controller user instructions to operate.

Channel DMX Values and Functions

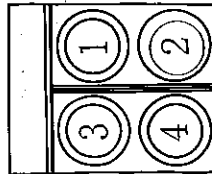
Channel	Value	Function	Channel	Value	Function
1	0-255	RED 0% → 100%	6	0-15 0-7	AUTO MODE NO EFFECT
2	0-255	GREEN 0% → 100%		8-15 16-47	AUTO COLOR MIX AUTO MIX USING CHANNELS 1, 2 & 3
3	0-255	BLUE 0% → 100%		48-245 246-251 252-255	24 AUTO MODE PROGRAMS SOUND ACTIVE FLASH SOUND ACTIVE
4	0-13 14-255	NOTHING COLOR MACRO	7	0-255	DIMMING 0% → 100%
5	0-15 16-255	STROBING/SPEED CONTROL STATIC STROBING SLOW → FAST			

Note: Channel 1, 2, and 3 will not work, when Channel 4 is being used. When using Channel 6, Channel 5 will control the speed of the color changing.

12 Channel DMX Values and Functions

Channel	Value	Function	Channel	Value	Function
1	0-255	RED 1 0% → 100%	7	0-255	RED 3 0% → 100%
2	0-255	GREEN 1 0% → 100%	8	0-255	GREEN 3 0% → 100%
3	0-255	BLUE 1 0% → 100%	9	0-255	BLUE 3 0% → 100%
4	0-255	RED 2 0% → 100%	10	0-255	RED 4 0% → 100%
5	0-255	GREEN 2 0% → 100%	11	0-255	GREEN 4 0% → 100%
6	0-255	BLUE 2 0% → 100%	12	0-255	BLUE 4 0% → 100%

Note: Red/Green/Blue 1, Red/Green/Blue 2, Red/Green/Blue 3, Red/Green/Blue 4, refer to the sections of the 1W LED BLENDER 36-4 as below:



Trouble shooting

Listed below are a few common problem the user may encounter with solutions. Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is 'hot'; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit.

Cleaning and maintenance

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the fan grill.
3. Clean the external optics with glass cleaner and a soft cloth every 20 days.
4. Always be sure to dry all parts completely before plugging the unit back in. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

TECHNICAL SPECIFICATIONS:

Power supply: 230V/AC, 50Hz
 Weight: 10Kgs
 Dimensions (LxWxH): 578x197x540mm
 DMX Channels: 7 or 12 DMX Channels

Power consumption: 60W
 Current: 0.6 Amps
 Colors: RGB Color Mixing