

1810 Wall Washer IP

User Manual



Guangzhou Mitek Light Co.,LTD

Email: info@miteklight.com

Website: www.miteklight.com

Add: No. 21 Dongfeng Avenue, Automobile Industry Base, Huadu District, Guangzhou

TECHNICAL PARAMETERS

Light source

Voltage:90-240V 50/60Hz

Power:280W

18pcs 12W 4 in 1 high brightness LED

LED lifetime:100,000 hour

Controls

Control model :DMX512,Mater/Slave,Auto,Sound activate

Channel:9CH,23CH and 72CH

Individual control of each LED

Built-in programs,easy control

Effect

Good dimming,no flicker for the video

Smooth color mixing

Construction

Protection Rating: IP65

Weight&Dimension

Product size:100*10*10 cm

Product size:(including the bracket):100*14*18 cm

Packing size:111*18*23 cm

G. W:7.5kg

1. Unpacking

Thank you for choosing the our light. 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.

Please unpack the device carefully and check whether it was damaged in shipping.

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 light 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 light , then it could void the warranty.

During shipping, the light may have exposed to high temperature changes or humidity changes. So, as a precaution, do not switch the light on immediately. Condensation can damage the light, so leave the light switched off until it has reached room temperature.

The electric connection must carry out by a qualified person and it is absolutely essential that the light 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 light is there for safety.

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 100 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. 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

Please ensure that the fixture is hung using the appropriate "C" clamp or half cheesboro. 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.

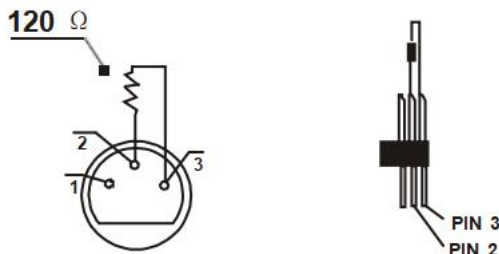
If you need more cable, then it should be two core, screened cable fitted with a 3 pin XLR input and output connector. Please refer to the diagram below.



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:Display operation:



- A . Menu
- B.Up
- C. Down
- D. Enter
- E. LED display



MENU UP DOWN ENTER

Combination key

Two or more than two key add together,for example,UP+DOWN that is mean press UP and Down at the same time.

UP+DOWN,that is different UP,and also different Down,it is special key.

Long press

Press the key to maintain some time without loosening.

7 . LED display form

(all the function need D key to make sure)

No	Display	Function
1	A001	DMX address,press B,C to change the data
2	23ch/9ch/72ch	Choose channel mode,press B,C and enter to confirm
3	CC00	color jump change, (01—99) press B,C to change speed
4	Ed00	color gradual change,pulse change, (01—99) press B,C to change speed
5	Er00	Color run effect1, (01—99) press B,C to change speed(Set ID,can reach different lights run one by one)
6	Po00	Color run effect2, (01—99) press B,C to change speed(Set ID,can reach different lights run one by one)
7	tr00	Auto method,(00-8),press B,C to change run method
8	tU00	Run speed,(00-99),press B,C to change run speed
9	BE50	Color sound activate run effect,press B,C to change the sensitivity
10	R200	Red,press B,C to change the brightness
11	G200	Green,press B,C to change the brightness
12	B200	Blue,press B,C to change the brightness
13	W200	White,press B,C to change the brightness
14	ID00	ID address,(01- 14) press B,C to change the ID
15	OPRT	Slave mode

8. channel model

9 DMX channel

No	Function	Describe
1	Dimmer	Master dimmer
2	Strobe	Strobe

3	Function choose	0--25: No function 26--35: No function 36--45 : Color flowing water effect (Jump change) 46--55 Color flowing water effect (gradual : change) Choose color ; (Under first channel 56--65 : Jump change ; (Under first channel control) 66--75 Gradual change , pulse change; : control) 76--85: (Under first channel control) 86--95 : Run method 1 ; (Under1--6th channel control) 116-- 125 : Run method 2 ; (Under1--6th channel control) 236--245 : Run method 15 ; (Under1--6th channel control) 246--255 : Sound activate ; (Under1--6th channel control)
4	Function 2	0--5: No function 6--255:Fixed 255 kinds ; (Under1--6th channel control)
	Function 3	Color flowing water effect; (0-- 127: Run left way; 128--255 : run right way ;)
5	Function speed	Function speed,from slow to fast
6	Red	Red dimming from dark to bright
7	Green	Green dimming from dark to bright
8	Blue	Blue dimming from dark to bright
9	White	White dimming from dark to bright

23 DMX channel

No	Function	Describe
1	Dimmer	Master dimmer
2	Strobe	Strobe

3	Function choose 1	0--25: No function 26--35: No function 36--45 : Color flowing water effect (Jump change) 46--55 : Color flowing water effect (gradual change) 56--65 : Choose color ; (Under first channel control) 66--75 : Jump change ; (Under first channel control) 76--85: Gradual change, pulse change; (Under first channel control) 86--95: Run method 1; (Under1--6th channel control) 116-- 125 : Run method 2; (Under1--6th channel control) 236--245: Run method 15; (Under1--6th channel control) 246--255: Sound activate; (Under1--6th channel control)
4	Function 2	0--5: No 6--255:Fixed 255 kinds; (Under1--6th channel control)
	Function 3	Color flowing water effect; (0-- 127 : Run left way; 128--255 : run right way;)
5	Function speed	Function speed,from slow to fast
6	First LED dimmer	R 、 G 、 B 、 W dimmer
7	2 LED dimmer	R 、 G 、 B 、 W dimmer
...
22	17 LED dimmer	R 、 G 、 B 、 W dimmer
23	18 LED dimmer	R 、 G 、 B 、 W dimmer

72 DMX channel

No	Function	Describe
1	R1 dimmer	R1 dimmer from dark to bright
2	G1 dimmer	G1 dimmer from dark to bright
3	B1 dimmer	B1 dimmer from dark to bright
4	W1 dimmer	W1 dimmer from dark to bright

5	R2 dimmer	R2 dimmer from dark to bright
6	G2 dimmer	G2 dimmer from dark to bright
7	B2 dimmer	B2 dimmer from dark to bright
8	W2 dimmer	W2 dimmer from dark to bright
° ° °	° ° °	° ° °
65	R17 dimmer	R17 dimmer from dark to bright
66	G17 dimmer	G17 dimmer from dark to bright
67	B17 dimmer	B17 dimmer from dark to bright
68	W17 dimmer	W17 dimmer from dark to bright
69	R18 dimmer	R18 dimmer from dark to bright
70	G18 dimmer	G18 dimmer from dark to bright
71	B18 dimmer	B18 dimmer from dark to bright
72	W18 dimmer	W18 dimmer from dark to bright

9. 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!

So with the fixtures regular maintenance it an excellent practice, if you want the fixtures to last.

So what is the maintenance for the fixture?

1.check the connection of the power wire and signal wire.

After long time use,some people pull the light just pull the wires,this cause the connection of the wires is not good,and the waterproof function is not good.

2.clear the glass.month of outside use,there would some dust or insects.So you need to clear them to make sure the output of the light is good.

The clear front glass cover 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

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren 't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company 's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.