INSTRUCTION OF LED WALL WASHER (24W)

This product is mainly used for decoration and highlight in building frame, garden, etc. It can work in independent mode and DMX mode, which can generate various color changing effects, such as flashing, fading, steady ,seven color jumping synchronously etc. DMX256 class gray degree dimmer, DMX programmable（thousands of effects available if many lightings connected together）.

A. Structure and Specification（as the right picture）：

Size: L1000*W76*H100mm
Material of Shell: aluminum alloy
Weight: 4kg
Rotary angle: 120°

B. Technical Parameters

Input Voltage: 90V~264V AC
Operating Voltage: 24V DC
Protection Rating: IP65
Operating Temperature: -20℃~+40°℃

Model No	LED Quantity	Color	Input Current	Power Consumption	Beam Angle	Length
LQ-WS3A-24W	24 Power LED	R-8, G-8, B-8	0.1A(Max.)	24Watts	15°/ 30°/ 45° 60°/ 90°/ 120°	830mm

C. Function

Seven static color, seven color jumping,   seven color fading,   and seven color flashing, master/slave mode

D. Control mode

Independent mode：choose the effects that you need by button on the back of lighting; auto online
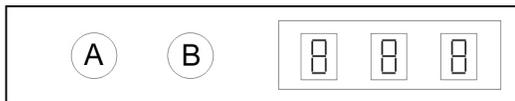DMX mode： International standard DMX512 signal control （3XLR）

E. Instruction of buttons

E-1. Set up DMX address

When the digital tube is not flashing,   press "A" key
Dexter digital begin to flash, Each press SET one time, digital tube moves backward, you can start to edit the new address; Press "B" key,   the corresponding flash digital tube add one（the values between 0 to 9）;
The range of valid address:001~512

E-2. Adjustment and choice of function for independent mode

After you press "A" key four times（the first three times is the setup of the address of DMX, for the independent mode to adjust or choose function; the digital tube shows Pxy, they correspond with three digital tubes respectively. You can press "B" key, the flashing digital tube adds eleven (the value between 0 to 9）.

"X" corresponds with the choice of function（the value between 1 to A）,   "Y" corresponded with the value of speed and gray degree for some function（the value between 1 to 9）
The form about function and parameter::

E-3.   When you press button, please hold on about 10 second, then, you can exit the mode of adjustment function, the digital tube stop flashing and to memorize the adjusted parameters.

X value	Y value
1-singie red	1-9 class gray degree
2-singie green	1-9 class gray degree
3-yellow	1-9 class gray degree
4-singie blue	1-9 class gray degree
5-purple	1-9 class gray degree
6-cyan	1-9 class gray degree
7-white	1-9 class gray degree
8-multicolor changing	1-9 class speed
9-multicolor fading	1-9 class speed
A-multicolor flashing	1-9 class speed

F. Using instruction

F-1. Independent mode, you can adjust the preset functions of lighting by button on the back of lighting;

F-2. DMX mode, DMX console to control the lighting, referring to the manual of the relevant console for attaining more information.

F-3. Auto online function for independent mode, please choose at random some lighting as a master to attaining auto online function, the relative operation as below:： firstly, set the address of a master as 001, others are be set as a slave. For auto online mode, only one master, all effects depend on the effect of the master;

F-4. DMX address, each lighting occupies three channels that are red, green, blue, including the value of the initial channel,   For example, Address 001 occupies the channel 1,2 and 3. Address 256 occupies the channel 256, 257 and 258.;

F-5. Do not plug them into power when the product is still in package;

F-6. Don't use anything to cover this lighting;

F-7. Don't use this product in close environment;

F-8. If this product appears to be damaged, do not attempt any operation, please contact your dealer.

G. Waterproof treatment

The signal output connector XL-3R of the last fixture (maximum 30 fixtures) of each series must be wrapped with waterproof tape(auto-adhesive, please refer to instruction for operation), thence sealed with a $\Phi20$ thermal shrinking sleeve and blow and shrink it with a hair drier for waterproof purpose.

Warning: Neglect on action of the above treatment will lead to failure of waterproof and proper working of the lights!!!

Waterproof tape (Auto-adhesive)

Shrink tube