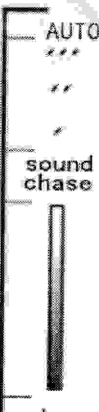

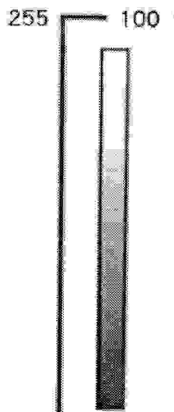
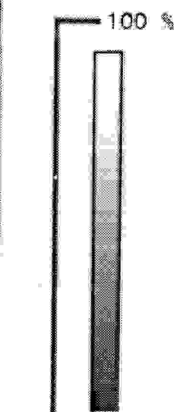
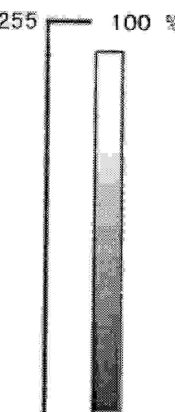


#### 4. How to control the fixture

There are three ways to control the fixture Universal DMX controller.

##### Universal DMX controller

The fixture can be set the DMX address remotely by universal DMX controller. First, you need to programming two scenes into a chase, and then link the fixtures to the universal DMX controller. When you run the chase, all the fixtures of the chain will be set the series DMX address automatically. If you use a controller with 5 pins DMX connector, you need to use a 5 to 3 pin adapter. The fixture uses five channels. Please refer to the following diagram to use your controller to activate the fixture.

DMX512 Configuration				
CH1	CH2	CH3	CH4	CH5
STROBE/AUTO	Dimmer/Speed	RED	GREEN	BLUE
AUTO *** ** / sound chase  close	255 FAST  0 SLOW	255 100 %  0 0 %	100 %  0 0 %	255 100 %  0 0 %

*Light*  
**BIG**  
 DESIGN BY GERMANY

## LED LIGHTING



CE

RoHS

WEEE

BM LED LS8 (96\*1W-3W) R G B

BM LED LS4 (48\*1W-3W) R G B

## User Manual

Please read the instructions carefully before use

# Technical Specifications

Power supply

Input Voltage : AC 120V-60Hz / AC 230V-50Hz

LED

BM- LED LS4 : total 1W/48pcs, Red 16pcs, Green 16pcs, Blue 16pcs/60W

BM -LED LS8: total 1W/96pcs, Red 32pcs, Green 32pcs, Blue 32pcs/120W

## Channels

Channel 1 = AUTO

Channel 2 = DIMMER/SPEED

Channel 3 = Blue

Channel 4 = Green

Channel 5 = Red

## DMX512 Address Setting

There are Two ways to set the fixture DMX start address:

DMX address setting by dip-switches

Remote DMX address setting by universal DMX controller

### DMX address setting by dip-switches

Dip	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Value	1	2	4	8	16	32	64	128	256	No Function

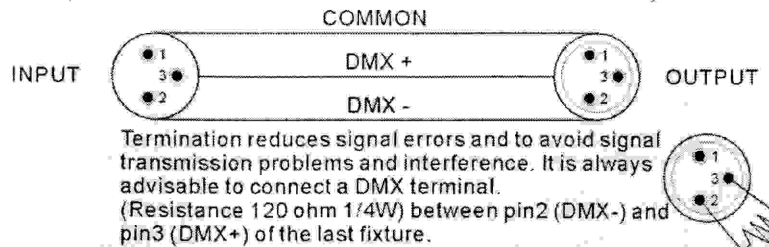
#### 1. Dip switches :

#### 2. Address setting by:

DIP/ON: 1/2/3 =B/G/R/ (Dimmer)	no. 1DMX:DIP/ON: #1.#10
DIP/ON: 5+(4)=(Strobe)+(SPEED)	no. 2- : DIP/ON: #1.#5.#10
DIP/ON: 6+(4)=(fluxional)+(SPEED)	no. 3- : DIP/ON: #1.#6.#10
DIP/ON: 7+(4)= (chequer)+(SPEED)	no. 4 : DIP/ON: #1.#5.#6.#10
DIP/ON: 8+(4)= (Protean)+(SPEED)	.....
DIP/ON: 9 = (Sound Chase)	.....

## 3. DMX512 Connections

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels



1. Connect the fixture together in a “daisy chain” by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a “Y” cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.
2. The DMX output and input connectors are pass-through to maintain the DMX circuit when no power is connected to the fixture.
3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2 (DMX-) and pin 3 (DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
4. Each lighting fixture needs to have an address set to receive the data sent by the controller, The address number is between 0-511 (usually 0 & 1 are equal to 1).
5. 3 pin XLR connectors are more popular than 5 pins XLR.  
3 pin XLR: pin 1: GND, Pin2: Negative signal (-), Pin 3: Positive signal (+)  
5 pin XLR: pin 1: GND, Pin2: Negative signal (-), Pin 3: Positive signal (+)