

LedVision AB
www.ledvision.se

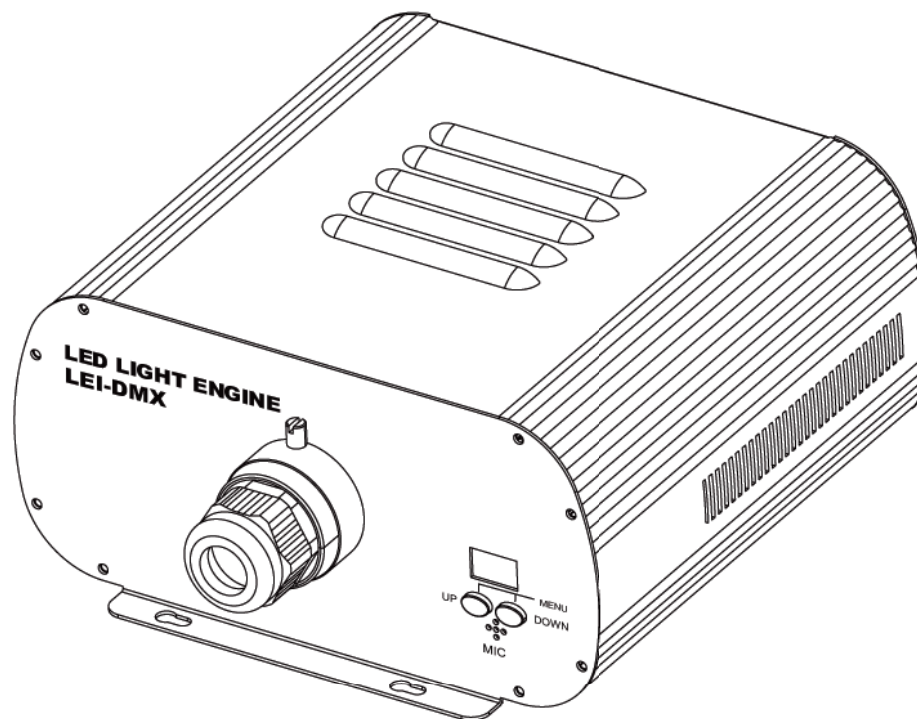


LIGHT ENGINE INSTRUCTION MENU

MODEL:

LEI - 4001/8001

LEI - 4001DMX/8001DMX



**ISO9001:2000
CERTIFIED**

Chapter 1

LEI-4001/LEI-8001

Thank you for purchasing the LEI-Series Light Engine. Please read carefully the instruction menu before using light engine. If you have any questions concerning the operation or maintains, please contact your wholesaler.

A. Safety Instruction

1. Make sure the Light Engine and Power Source have the same voltage;
2. Keep out of rain or moist area to avoid shock hazards;
3. Avoid to use at high temperature($\leq 40^{\circ}\text{C}$);
4. There is overtemperature protection inside the light engine, when the ambient temperature is too high or insufficient ventilation, LED will reduce brightness itself to improve life of itself.

B. Technical Data

Voltage: ☐ 110V ☐ 220V

Color: 6 colors

Life of LED : 50000H

Size: $270 \times 264 \times 135\text{mm}^3$

Gross Weight: 6.9Kg

Standard aperture: $\Phi 28\text{mm}/\Phi 24\text{mm}/\Phi 20\text{mm}$ (Optional: $\Phi 30\text{mm}$)

Model: LEI-4001

Power: 50W

Light Source: 1-40W LED

Luminous Flux: 2120Lm

Model: LEI-8001

Power: 110W

Light Source: 1-90W LED

Luminous Flux: 4200Lm(6A,6000K)

C. Installation dimension of light engine(see Fig.1):

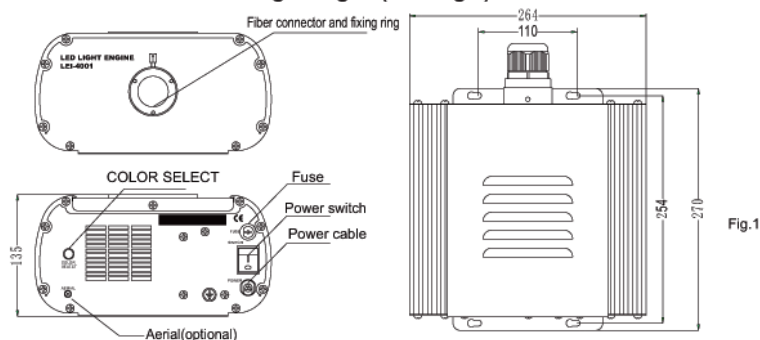


Fig.1

D. Light Engine Setting

1. Use under without wireless remote control mode:
Control the rolling or stop of color wheel through the "color select" button to make it change color automatically or fixed on one color. (see Fig.1 above)
2. Use under with wireless remote control mode (see Fig.2):
Control the rolling or stop of color wheel through the "■" button on remote controller. And "S" button as Power On/Off. "▲", "▼" as brightness adjusting.

NOTE: Before using the wireless remote controller, the "Color Select" button must be OFF.

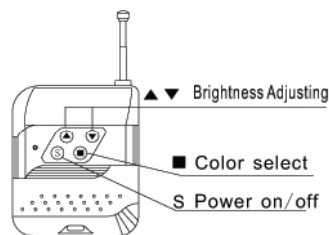


Fig.2

Chapter 2

LEI-4001DMX/LEI-8001DMX

Welcome to use LEI series professional DMX intelligent light engine. Please read carefully the instruction menu before using light engine. If you have any questions concerning the operation or maintains, please contact your wholesaler.

A. Safety Instruction

1. Make sure the Light Engine and Power Source have the same voltage;
2. Keep out of rain or moist area to avoid shock hazards;
3. Avoid to use at high temperature($\leq 40^{\circ}\text{C}$);
4. There is overtemperature protection inside the light engine, when the ambient temperature is too high or insufficient ventilation, LED will reduce brightness itself to improve life of itself.

B. Technical Data

Voltage: ☐ 110V ☐ 220V

Color: 6colors

Life of LED : 50000H

Size: $270 \times 264 \times 135\text{mm}^3$

Gross Weight: 6.9Kg

Standard aperture: $\Phi 28\text{mm}/\Phi 24\text{mm}/\Phi 20\text{mm}$ (Optional: $\Phi 30\text{mm}$)

Model: LEI-4001DMX

Power: 50W

Light Source: 1-40W LED

Luminous Flux: 2120Lm

Model: LEI-8001DMX

Power: 110W

Light Source: 1-90W LED

Luminous Flux: 4200Lm(6A,6000K)

C. Installation dimension of light engine(see Fig.3):

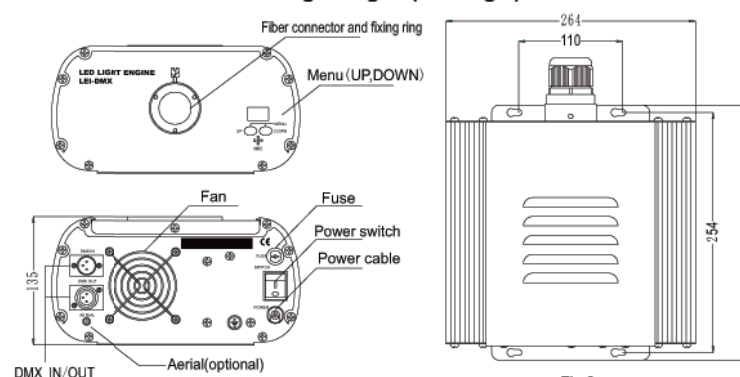


Fig.3

D. Light Engine Setting

There are three control mode for LEI-Series MASTER/SLAVE Light Engine:

- * DMX 512 signal control Mode: Signal comes out from DMX 512 Controller.
- * Master/Slave Mode: One Light Engine set as Master, while all the others set as Slave. Signal comes out from the Master machine to control all other slave machines running synchronously.
- * Audio Control Mode: Light engines are controlled by sound.

1.DMX 512 signal control mode:

(1) Address Setting:

Press button "UP" and "DOWN" at the same time(maybe many times),until the digital display shows "001"- "508", then press button "UP" or "DOWN" to select address.

(2) DMX Channels: Total 5 Channels

CH1:Color CH2:Speed
CH3:Blank CH4:Dimmer (256 level)
CH5:Strobe

Notice: CH2 control the switching speed of color, CH3 is spare channel.

2. Master/Slave mode: The setting of Master/Slave

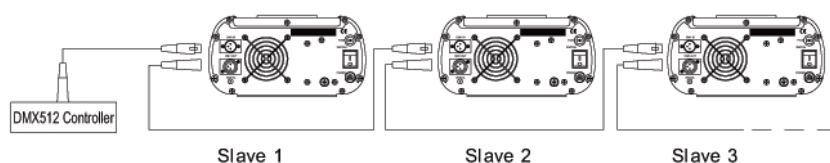
STATUS	No.	MENU	DESCRIPTION OF FUNCTIONS	REMARKS
MASTER	1	P.00-P.11	12 preset programs(see attached list,when it display "P.XX",please use UP/DOWN to get into this menu)	1.Press two buttons at the same time to switch among menus.
	2	PS.1-PS.2	PS.1-PS.2 are audio control programs (when it display "PS.X",please use UP/DOWN to get into this menu)	
	3	S.00-S.07	Setting of color wheel speed,total 8 levels:1/2RPM,1RPM,2RPM,3RPM,4RPM,5RPM,6RPM,12RPM	2.If you haven't pressed the buttons for long time,the digital display will be turnoff, and the buttons will be locked, press "UP" or "DOWN" to restart buttons operation (when power it on, you also need to do like this),it will display the last operation menu.
	4	d.00-d.99.	Adjusting of brightness,total 8 levels:d.00,d.10,d.20,d.35,d.50,d.70,d.85,d.99.(d.99.means 100%brightness)	
	5	r.on-r.oF	r.on=remote controllable, r.oF=not remote controllable	3.If slaves have received the DMX signal,then the 3rd digital number of the digital screen will be flickering.
Slave DMXReceiver	6	001-508	DMX address,"001"- "508"are available	

Notice:

- ① If you need Master/Slaves change color synchronously, please set all of slaves into "001";
- ② If you need Master/Slaves chase to change color, please set slaves into "006", "011" and so on(add "5" one after another) .

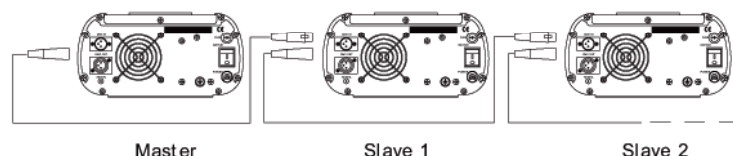
3.The connection of DMX Signal Control Mode(See Fig. 4):

Fig. 4



4.The connection of Master/Slave Control Mode(See Fig. 5):

Fig. 5



5.Signal wire and connector link(See Fig.6):

Signal wire should be $2 \times 0.5\text{mm}^2$ audio wire

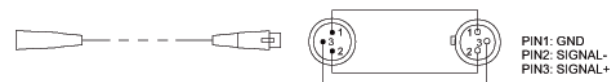


Fig.6

6.Wireless remote controller using(See Fig.7):

Press two buttons at the same time, when it display "r.on"or "r.oF", please use "UP"/"DOWN" to set the master into "r.on"(status of remote controllable),then you can use remote controller.

- (1) Select of program: Press"PRO",then use "00"- "13" to select the suitable program, or you can use "▲", "▼" to select.
- (2) Adjusting of brightness: Press "DIM", then press "0"- "7" to select the suitable brightness, or you can use "▲", "▼" to adjust.
- (3) Adjusting of speed: Press"SP",then press "0"- "7" to adjust the speed, or you can use "▲", "▼" to adjust.

Notice: ① Address code of slaves are not adjustable under remote control status.

- ② When you are selecting program, only double-digit numbers are recognizable (e.g. 00, 01, 02....)

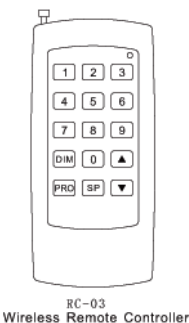


Fig.7

Attached List :

Pro. No.	Function	Pro. No.	Function	Pro. No.	Function
P.00	No Light	P.06	Red	PS.1	6 colors skip & audio control
P.01	White	P.07	6 colors skip	PS.2	5 colors skip & audio control
P.02	Sky-B	P.08	5 colors skip		
P.03	Green	P.09	6 colors fade		
P.04	Yellow	P.10	6 colors skip & chase		
P.05	Blue	P.11	6 colors fade & chase		