

LE-U10/LE-U20P/LE-U30/LE-U40

Light Engine

User Manual

[Note] The pictures of Light Engine and Control Unit used in this manual are for reference only. If there is something different from the actual product, please subject to the actual product.

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1. Safety Instructions

Always follow these safety instructions when setting up and using the Light Engine:

1. Do not place Light Engine in tilted position.
2. Do not place the Light Engine on an unstable trolley, stand or table.
3. Do not use the Light Engine near water or source of heat.
4. Use attachments only as recommended.
5. Use the type of power source indicated on the Light Engine. If you are not sure of the type of power available, consult your dealer or local electricity company for advice.
6. Place the Light Engine on a place that it can be unplugged easily.
7. Always take the following precautions when handling the plug. Failure to do so may result in sparks or fire.
 - Ensure the plug is free of dust before inserting it into a socket.
 - Ensure that the plug is inserted into the socket securely.
8. Do not overload wall sockets, extension cords or multi-way plug boards as this may cause fire or electric shock.
9. Do not place the Light Engine where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.
10. Do not block slots and openings in the Light Engine case as poor ventilation may lead to overheated Light Engine.
11. Never push objects of any kind through cabinet slots. Never allow liquid of any kind to spill into the Light Engine.
12. Except as specifically instructed in this User Manual, do not attempt to operate this product by yourself. Opening or removing covers may expose you to dangerous voltages and other hazards. Refer all servicing to licensed service personnel.
13. **Connect this product to power with voltage between 100 V ~ 240 V only. Your product may fail to start up for voltage lower than 100 V and blow the fuse of your machine for voltage greater than 240 V**
14. **Specification of working voltage gap**
 - **Your product is subject to risks of fuse blowing if the surge voltage is greater than 250 V**
15. Unplug the Light Engine from the wall outlet and refer servicing to licensed service personnel when the following situations happen:
 - If the power cord or plug becomes damaged or frayed.
 - If liquid is spilled into the Light Engine or the Light Engine has been exposed to rain or water.

**<Note>: Using an incorrect battery type in the remote control may result in breakdown.
Follow your country's instructions on how to dispose of used batteries.**

■ Precautions

Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

If the light engine will not be used for an extended time, unplug it from the power socket.

		Note Risk of Electric Shock Please do not open it by yourself		
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to licensed service personnel.				
	This symbol indicates that this equipment may contain dangerous voltage which could cause electric shock.		This symbol indicates that there are important operating and maintenance instructions in this User Manual with this unit.	

This is a Class A product. In a residential environment it may cause radio interference, in which case the user may be required to take adequate measures. The typical use is in a conference room, reception room or hall.

2. Connections and Installation

2.1. Package Contents

- 2.1.1. Device Module x 1
- 2.1.2. Power Module x 1
- 2.1.3. Light Module x 1
- 2.1.4. AC power cord x 1 (Appearance may vary depending on country)
- 2.1.5. Fuse x 1 (located in the groove of socket)
- 2.1.6. 26 Pin D-Sub Cable x 1



- 2.1.7. Black Screws x 2 (2 x M3*6 screws)

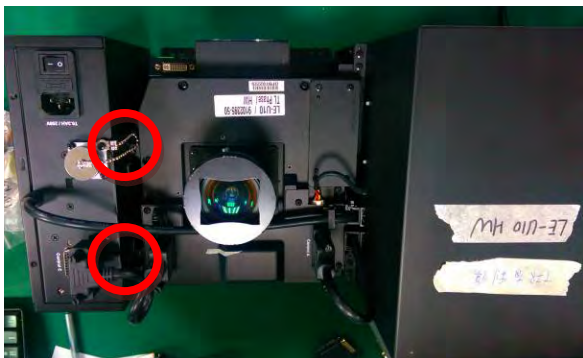


- 2.1.8. Aviation connector to CU connection cable x 1



2.2. Installation and Connections –Light Engine Assembly

2.2.1. Connect the power module and fix with locking screw



2.2.2. Confirm these three cables were connected



2.2.3. Open the power module and connect the lighting cable



2.2.4. Remove the lens cover

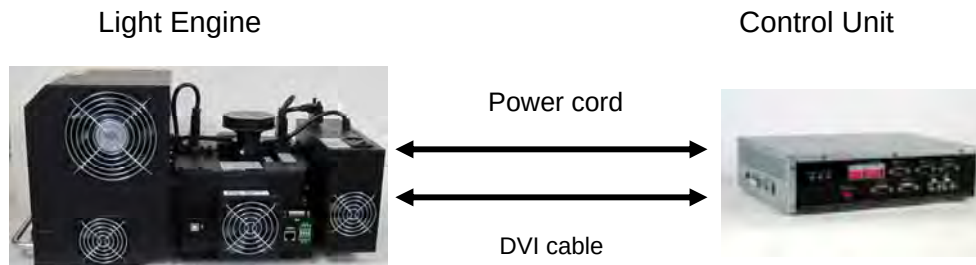
<Note> The image cannot be projected if the lens cover is not removed

2.3. Installation and Connections - Connect the control unit

2.3.1. Connect the Light Engine and the Control Unit

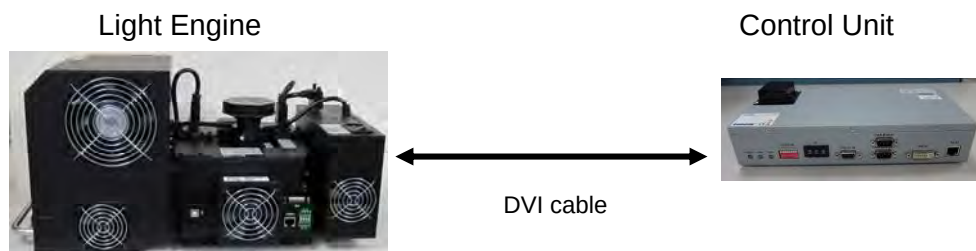
Case 1 : Connect CU103/CU403, and use the accessory DVI cable to connect the control box output port to the core's DVI port

Use the long DVI cable (a part of the Control Unit), male to female AC power cord (a part of the Control Unit)

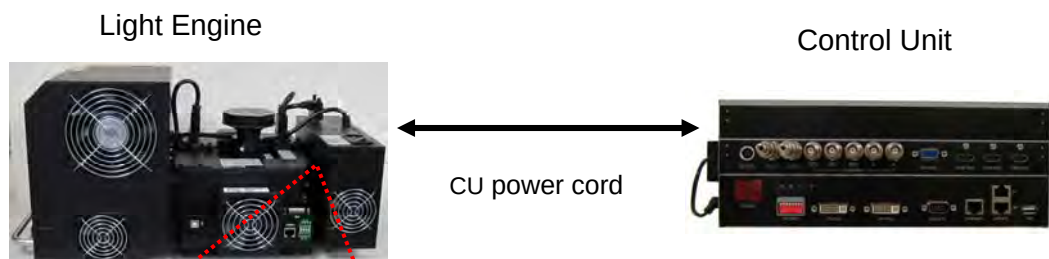


Case 2: Connect CU003, and use the accessory DVI cable to connect the control box output port to the core's DVI port

Use the long DVI cable (a part of the Control Unit)



Case 3 : Connect CU106W , using the CU power cord to connect the control unit.

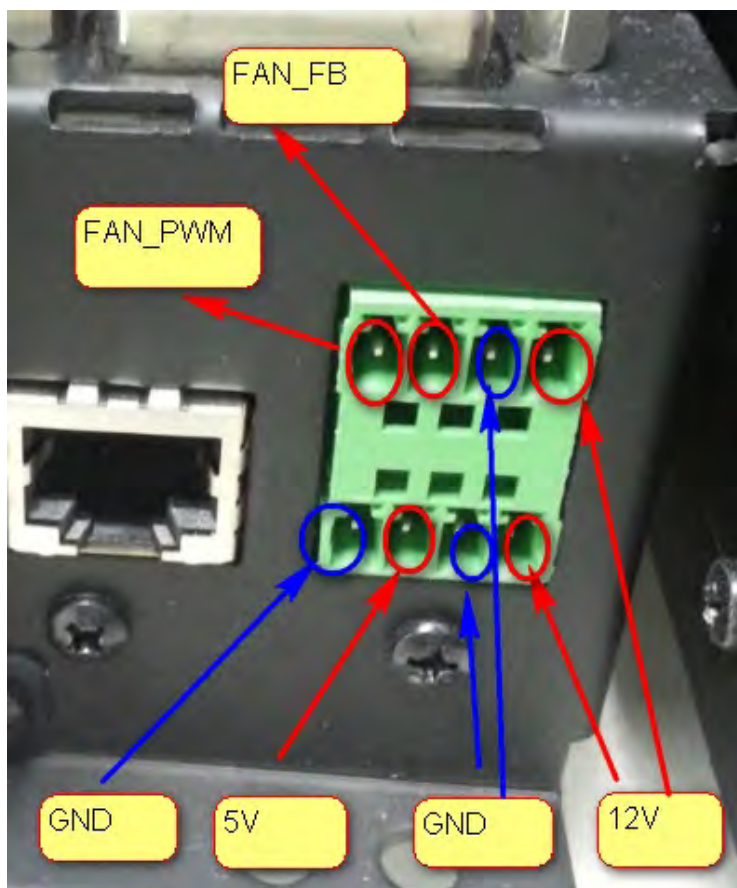


Power port on the core power supply CU



- <Remark 1> Please use the factory-issued DVI cable to connect the light engine to the control unit
- <Remark 2> We suggest using the UL20276 spec. as the DVI/HDMI cable for connecting the source signal cable of the control unit
- <Remark 3> We suggest using HDMI cables approved by the HDMI Association

2.3.2. Definition of fan connector of the case



3. Troubleshooting

You can find recommended solutions for common questions in this chapter. If the problems cannot be solved by yourself, please contact the customer service staff

3.1. Problems: Light engine cannot be illuminated

3.1.1. Recommended solutions:

- 3.1.1.1. Refer to the chapter [Connections and Installation], and check if all the cables and lighting cables were installed

3.2. Problems: Main image disappears suddenly during starting up and operation, lights off

3.2.1. Recommended solutions:

- 3.2.1.1. Check if the DVI cable detaches
- 3.2.1.2. It shall be re-illuminated and re-confirmed if the problem would occur once again.