RoIILITE

RL66A-1200

FOMEX®

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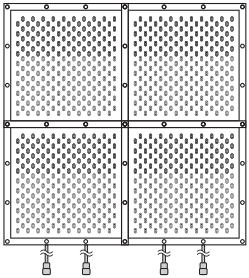
Please read the operating instruction before using the product.
While operating, if any abnormal condition or malfunction is observed, stop using the product immediately and contact the authorized dealer of its purchase location.

In the Box

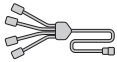
RL66A Kit



RL33M-300 : 4pcs
(PN : 4565510)

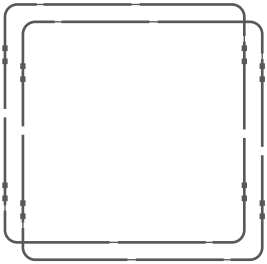
RL66A Controller
(PN : 4565520)

18 Pin Extension Cable
for RL66 (5m)
(PN : 4565530)



4-in-1
Splitter Cable (3.3m)
(PN : 4565540)

AC Power Cable (5m)
(PN : 4565140)



Frame for RL66
(PN : 4565590)

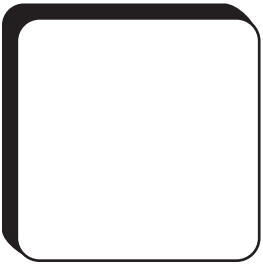
Ear Bracket
(2pcs)
(PN : 4565582)

Connecting Bracket
(2pcs)
(PN : 4565583)

Joint Bracket
(4pcs)
(PN : 4565584)

Ball Bungee
(26pcs)
(PN : 7665010)

Ball Locking Pin Band
2Pin x 2pcs (PN : 4565585), 5Pin x 1pc (PN : 4565586)

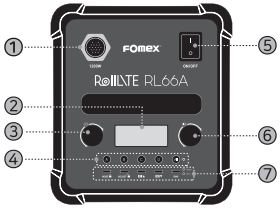


Frame Diffuser for RL66
Default: Full-stop (PN : 4565570)
Option : 1/4 (PN : 4565550), 1/2 (PN : 4565560)

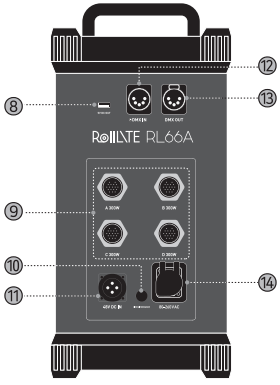
Kit Case
(PN : 9570371)

Controller carrying bag
(PN : 0565030)

RL66A Controller's Part Names



Top



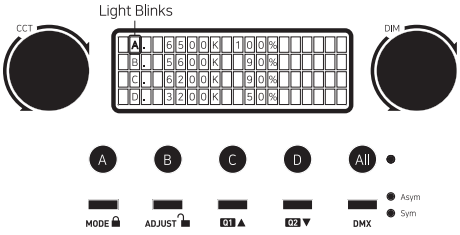
Side

① 1200W Output Connector for 4-in-1 splitter cable
② LCD Display
③ CCT Knob (Color Temperature Adjustment)
④ Group Button (Refer to the description)
⑤ ON/OFF Switch
⑥ Dimming Knob (Brightness Adjustment)
⑦ Button Control (Refer to the description)

⑧ USB Port (5V DC Out)
⑨ A 300W, B 300W, C 300W, D 300W
Output Connectors
※ Only available with the RL66A extension cable.
⑩ Circuit Breaker (30A)
⑪ 48V DC IN
⑫ DMX In
※ The DMX LED indicator is on green when a DMX signal is received.
⑬ DMX Out (Through)
⑭ 80-260 AC

RL66A Button Control Guide

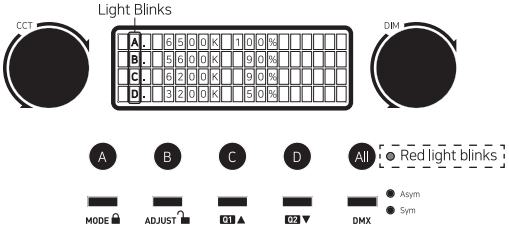
01. Asymmetric MODE



Press each channel button and turn control knob of DIM or CCT to set the desired value.
eg) Pressing "A" button, "A" blinks on LCD.
Pressing "B" button, "B" blinks on LCD.

- After setting of CCT or DIM is done, the displayed Value is saved stopping LCD blinking, when it's pressed the one of each button once again (eg. If "A" channel, press "A"), press another button (eg. If "A" channel, press "B" "C" or "D"), or not press other button for 10 seconds.

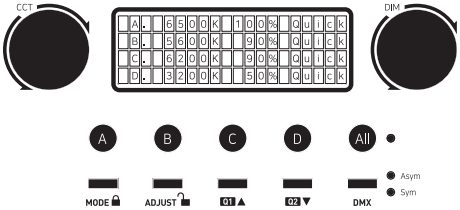
02. Symmetric MODE



Press "All" button on the bottom of LCD, and it's on red & "A" "B" "C" "D" LCDs blink.
At the moment, it can be adjusted the value of all channels by turning CCT & DIM knobs simultaneously.
Turn to clockwise, it reaches to 100% maximum value or 6500K. And turn counterclockwise, it reaches to 0% minimum value or 2700K.

- After setting of CCT or DIM is done, display value is saved as repressing "All" button within 10 seconds, pressing another button or not turning the control knob in 10 seconds.

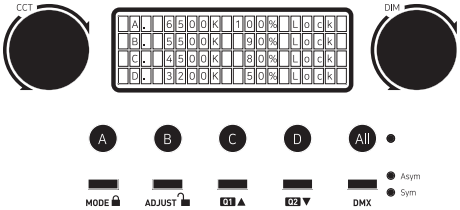
03. Quick MODE



Press "Mode" button once, it turns to "Quick" Mode.
In "Quick Mode" the selected channel blinks. Press "ADJ" button to adjust CCT or DIM by turning a knob.
Press "ADJ" button again after the value of each channel is adjusted.
The displayed value is saved after blinking for a while.

* Sequence of Mode Conversion
: Normal Mode → Quick Mode → DMX Channel Setting Mode → Normal Mode

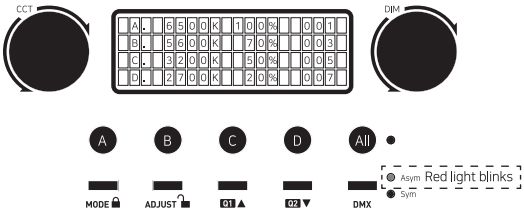
04. Lock MODE



If the MODE Button is pressed longer than 2-3 seconds, it turns to LOCK MODE.
In this case, input function is not operated.
- How to release: Press "ADJ." button for 2~3 seconds

05. DMX Asymmetry. MODE

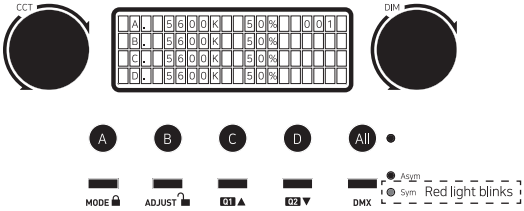
(In case of adjusting each channel (A, B, C, D) with DMX console)



- Connect DMX console to RL66A controller, set the button as "Asym.", select one channel of A, B, C and D , and change Address with ▲▼ button.
- It's applied to change Address of other channels with the same way.
- The set Address is adjustable with the DMX Console.

06. DMX Sym. MODE

(In case of adjusting each channel(A, B, C, D) with DMX console)



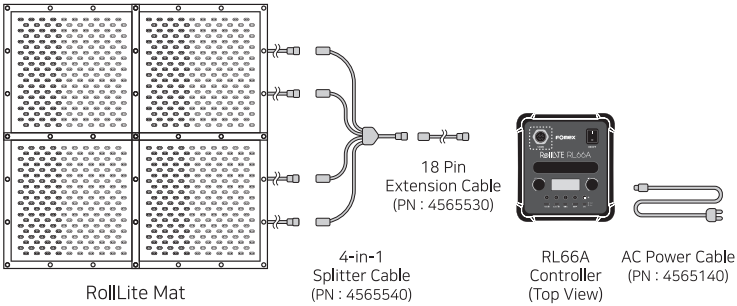
After connecting with DMX console, set the button on "Sym.", set a DMX Address with ▲▼ button.

- The set Address is adjustable with the DMX Console.

How to connect RL66A controller

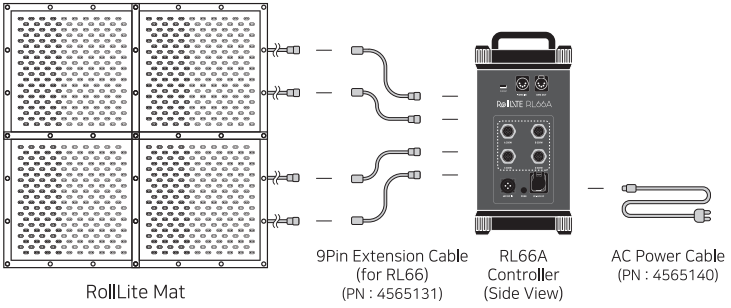
Please connect the power supply of battery in the following order.

Connect RL66A with 4-in-1 splitter cable



Please use the dedicated extension cable for 4 in 1.

Connect RL66A with 9-Pin extension cable (Option)



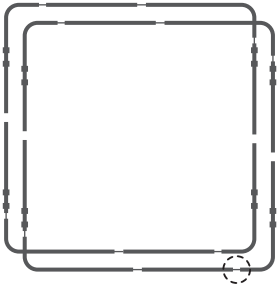
Connect each mat with RL66A's extension cable

The RL66A mat can be directly connected to controller without extension cable.

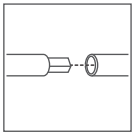
Note: The extension cable provided with RL33 Kit cannot be used with RL66A Controller.

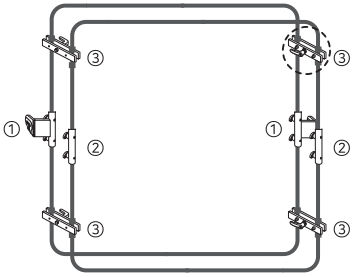
How to Set up RL66A

Install RL66A in the following order.



01. Spread the frames and make four frames with U shape.
*Frames are in U shape wrapped with a rubber band.





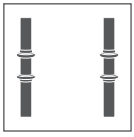
02. Fix one set of U shaped frames with Ear Bracket①, fix other frame with connecting bracket②. And assemble two frames with Join Bracket③.

Ear Bracket①

Connecting Bracket②

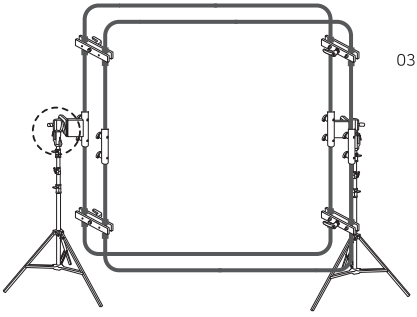
Join Bracket③

Note: Joint bracket tightening handle position is on the left.
* Please check the installing location and direction of joint bracket as the following picture.

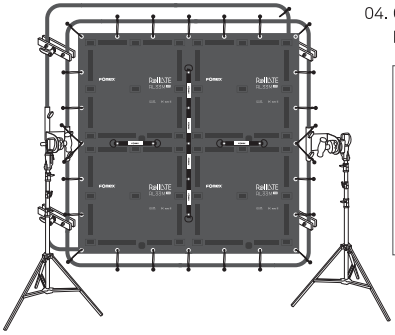


Before

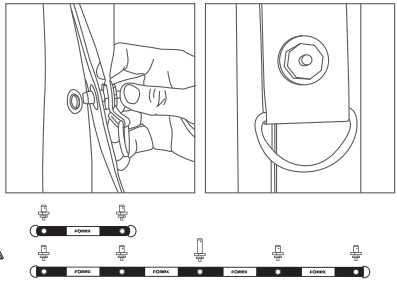
After

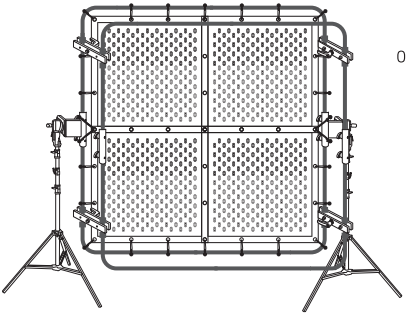


03. Fix the assembled frame with Ear bracket into the stand as equipped grip head.
* Install the grip head in the arrow direction in the below picture (side of Ear Bracket).

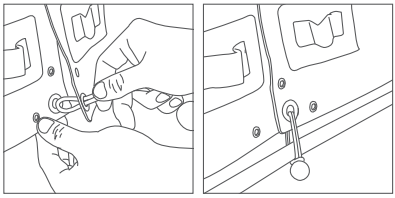


04. Connect the four mats with the ball locking pin bands having one-lock locking and release function.

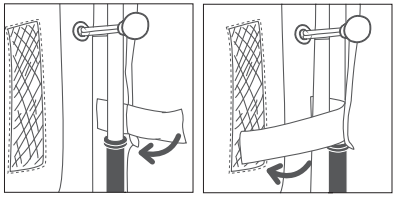




05. With Ball Bungee, frames and mat can be connected.



06. Attach hook and loop fastener on the side of the diffuser to the back of the mat.



Technical Specifications

Spec.	RL66A-1200
Light Output	24800lux @1m; 2700K, 28000lux @1m; 6500K
Power Consumption	1200W
CRI / TLCI	CRI 96~98 / TLCI 98
Color Temperature	2700K~6500K
Dimmer	0~100% DIM / DMX 512 / Manual
Color Temp. Control	100K Steps
Output Connector (Waterproof)	18Pin × 1, 9Pin × 4
IP Rating (Mat Only)	IP64
Input	80~260V AC, 50~60HZ / 48V DC
DC Out	5V DC (USB Port for WDMX)
DMX In / Out	5Pin XLR
Beam Angle	120°
LEDs	5472
Display	Mono LCD
Mat Dimensions (ft)	6′ × 6′ (180 × 180cm)
Mat Weight (g)	5,760
Controller Dimensions	19.5 × 21.5 × 40.5cm
Controller Weight (g)	7,380

Notice

Be sure to read the operating instruction before using the product.

- Check the input voltage.
- Disconnect the product from the power supply before replacing the fuse. Use the specified fuse only.
- Mat is IP64 rated and it has a protection against dust and splashed water but should not put into the water.
- When Mat is wet, dry surface and store in dry place. (The controller is not waterproof.)
- Keep away from flammable objects.
- The proper operating temperature is from 0°C ~ 40°C.
- Do not expose the product to extreme cold or hot.
- Keep away from children.
- Do not drop or give a shock to the product.
- It must be connected to ground socket. ⏚
- Do not disassemble the product. It might be had an electric shock. ⚠
- Internal components are not allowed to repair without any authorized permission.
- After using the product, keep it into the supplied bag/case after fully cooling.
- The distance from the ventilation shaft of the product is 0.1m at least.
- All specification of the product is subject to change without any prior notice for further improvement.

Warranty

Fomex's warranty provisions of the product are listed as below.

When a defect occurs within the warranty period, it will be repaired with new or refurbished parts for free.
Or, it will be replaced with a new product or a functionally equivalent refurbished product.
This warranty applies only to products manufactured by Fomex that can be identified by the trademark, trade name, or logo affixed to the product.

In this case, the accessories are not covered by the warranty period.

Inapplicable Warranty

The following cases are excluded from the warrany terms specified above.

1. Expired warranty period
2. Breakage or damage caused by inappropriate usage, repair, maintenance and accident.
   1) Installation and removal with improper external equipment or improper usage.
   2) Damage to the product caused by external fault or any accident.
   3) Exposure to the extreme environment such as abnormal temperature, a solvent, an acid, a base, a flood and a humidity.
   4) External damage like scratch, crush or crack.
   5) If the serial number is defected or can not be identified.
3. Damage caused by installation, repair, improvement, addition, disassembly by unauthorized institution or person.
4. Modified, replaced, removed information identifying the original product
5. Absence of valid warranty card
6. Unusable or damage caused by use of illegal nonstandard and unofficial software
7. Damage caused by accident, abuse, misuse, flood, fire, earthquake or other external causes.

Please keep the confirmation of purchase and this warranty card for future service.

Customer Information	Name	
	Contact Number	
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Purchasing date	
Product	Name	

Memo

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