flexible LED

FOMEX®

Contents

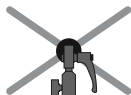Please read this operation instruction before using the product.
Stop using this product when abnormal operation is detected and contact the authorized
dealer of its purchase location.

In the Box

FL900M Kit
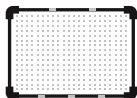
FL900M
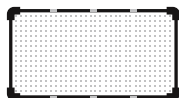
X-Mount Bracket

Controller

Kit Bag

Extension Cable (2m) (5m)
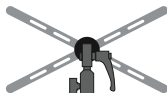
Power Supply

Power Cord(5m)

Clamp Shoe

FL1200M Kit

FL1200M

X-Mount Bracket

Controller
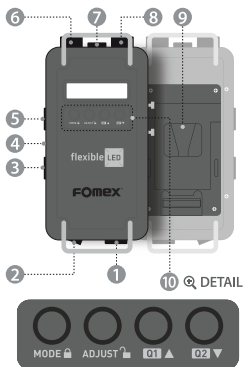
Kit Bag

Extension Cable (2m) (5m)

Power Supply

Power Cord(5m)

Clamp Shoe

Controller Overview

1. DC Input
2. ON/OFF Switch
3. DMX Out
4. USB (5V DC Out)
5. DMX In
   (If DMX connection works properly, the status indicator will turn on green)
6. CCT Knob – Color Temperature Adjustment
7. Output Port
   (When connecting Mat that exceeds 120W, LCD screen will display
   "OUTPUT 75W-120W", but will be limited up to 120W output)
8. Dimmer Knob - Brightness Adjustment
9. Battery Plate (Standard: V-Mount, Optional: Gold Mount)

flexible LED

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⑩ ⚲ DETAIL

MODE 🔒   ADJUST 🔓   Q1 ▲   Q2 ▼

⑩ Button Control Guide

Lock CCT and DIM: Press MODE 🔒 button for 2~3 seconds. LOCK will display and turn to lock mode.
If in Lock mode, CCT and DIM cannot be changed.)

Unlock: Press ADJUST 🔓 button for 2~3 seconds to release.

Quick Mode: Short Press MODE 🔒 button to change to Quick Mode. The Default setting of Q1(3200K), Q2(5600K) can be changed.
DIM and CCT can be adjusted to desired value.

Set desired CCT: Press ADJUST 🔓 button on Quick Mode.
When CCT and DIM value blink, change to the desired value using the dial, then press ADJUST 🔓 button again.

Default Mode: Long press Q1 ▲ button on Quick Mode then press Q2 ▼ button to return to Default Mode.

Release QUICK Mode: Press MODE 🔒 button once to get DMX channel setting screen.
(CCT and DIM value will go back to the previous value in normal mode)

Set DMX Channel: Short press MODE 🔒 button twice, DMX will be displayed and channel blinks for change.
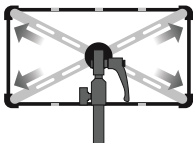Then set the channel using ▲ ▼ button and press ADJUST 🔓 button to save.
(When connecting DMX Console, DMX channel mode will display automatically.
Press MODE 🔒 button once and change the channel using ▲ ▼ button and press ADJUST 🔓 button to save.)

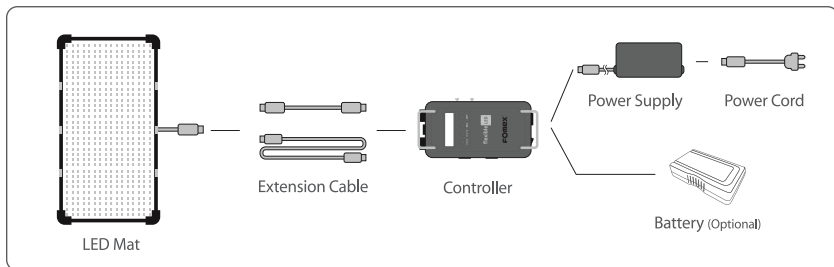Default Mode → Quick Mode → DMX Channel Setting Mode → Default Mode

Set up X-Mount

After inserting X-Mount in the rear corner of LED Mat clip, install on a stand of a tripod.
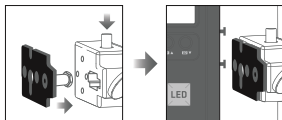
How to connect

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

LED Mat

Extension Cable

Controller

Power Supply

Power Cord

Battery (Optional)

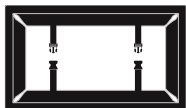* Please use the supplied extension cable only.

How to install Clamp Shoe

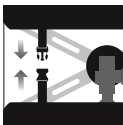Mount the clamp with the Clamp Shoe to a light stand then, the controller.

Accessories (Optional)

How to install Softbox(FLSF, FLES)
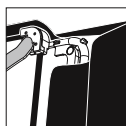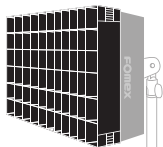
FLES
Easy Softbox
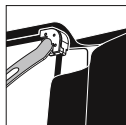
Use the hook and loop fastener
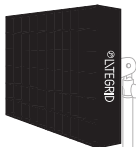and buckle up to secure with Softbox.

FLSF
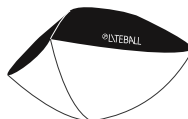**Softbox w/ Quick Frame**

❶ Assemble Quick Frame and put Softbox on it
❷ Install an assembled Softbox by attaching to the
magnet on the rear corner of LED Mat.

LTGD
LiteGrid for Softbox

FMGD
LiteGrid for Mat

LTBK
LiteBall

Boom Pole 3Sections

Technical Specifications

Spec.	FL900M	FL1200M
Light Output	2850lux @1m; 2700K, 3000lux @1m; 6500K	3800lux @1m; 2700K, 4000lux @1m; 6500K
Power Consumption	90W	120W
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)	6Pin	
Mat IP Rating	IP64	
Input	12-24V DC	
DC Out	5V DC Out (USB for WDMX)	
DMX In / Out	5Pin XLR	
Beam Angle	120°	
LEDs	864	1152
Battery Mounts	V-Mount / Gold Mount	
Dimensions (mm)	300 × 440	300 × 580
Weight (g)	623	891
Controller	Input : 12-24V DC	
	Display : Mono LCD	
	CCT : 2700K~6500K	
	DIM : 0~100%	
	Dimension (mm) : 234 × 108 × 79.7	
	Weight (g) : 934	
Power Supply	Input : AC100~240V 50/60Hz Output : 19V ⎓ 7.9A 150W	

Notice

Please read this operation instruction before using the product.
- Please use the supplied AC Adapter only.
- Flexible Mat has IP64 which a protection against dust and splashed water, but should not be used in water.
  When Mat is wet, dry surface and store in dry place. (Controllers are 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.
- Do not fold the LED Mat and bend it more than 60 internal degrees.
  Excessive folding may result in disconnection of wire.
- Keep away from children.
- Do not drop or give a shock to the product.
- Turn off power after use and store the product in the supplied bag after fully cooling and drying.

Warranty

Warranty provisions for the product are listed below. Fomex is not responsible for damage arising from failure to follow instructions relating to the Fomex product's use.

If a defect of the product arises and a valid claim is received within the warranty period, Fomex will either repair the defect at no charge, using new or refurbished replacement parts, or exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original 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.

Inapplicable Warranty

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.
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 proof 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	

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