



FLEXIBLE
LED LIGHT

FL400 / FL800 / ML800

Important Safety Instructions
User's Manual

Cineroid[®]
Cinema & Broadcasting Equipment

Thank you for purchasing CINEROID LED Light.

The Cineroid LED employs a very high color rendering index (CRI). It displays a very stable color temperature and brightness so that both motion pictures and still images can be taken in their most natural color tones. Please read this user manual thoroughly before using the Cineroid LED.

Important Safety Instructions

- ⦿ Do not use batteries, power cord, or accessories that are not specified in this document.
- ⦿ When using a power cord, be sure to plug it in completely.
- ⦿ Do not handle power plugs when your hands are wet.
- ⦿ When unplugging the power cord, grasp the plug body or adapter instead of the cord.
- ⦿ Power cords that are scratched, heavily bent or twisted can potentially be hazardous and a source of electric shock and/or fire.
- ⦿ Do not insert foreign objects into the product's electric or cable components.
- ⦿ Do not place the power cord near sources of heat as this may melt or cause damage to the cord potentially causing fire or electric shock.
- ⦿ Do not disassemble or modify the product.
- ⦿ This may damage the product and cause danger due to a malfunction.
- ⦿ Please keep the product out of reach of young children. Injuries may occur due to damage to the product.
- ⦿ When using the product in an airplane or hospital setting, it is recommended to acquire authorization first as signals or electro-magnetic waves from the product may cause other equipment to malfunction.
- ⦿ Do not store the product in a dusty or humid environment as damage may occur.
- ⦿ When the product is mounted on a camera, do not lift or move the camera by grabbing the product. This may cause damage to the product or the camera mount.
- ⦿ Do not clean the product with paint thinner, benzene, or other volatile solvents.
- ⦿ Controller and AC adapter are not water proof.
If the products are dropped in water, contact the service center immediately.

Specifications

Flexible LED Panel

Model	PN-FL400
Dimension	240 x 240 mm
Weight	160 g
Dimming	0~100%
Photometric	2000 lux
Color Temperature	2700~6500°K
LED Cells	400
CRI	94 or above
Consumption	65W

Metal LED Panel

Model	PN-ML800
Dimension	460 x 240 mm
Weight	580 g
Dimming	0~100%
Photometric	3400 lux
Color Temperature	2700~6500°K
LED Cells	800
CRI	94 or above
Consumption	120W

Controller

Model	FL-DN
Battery Mount	-
Dimension	170 x 87 x 50 mm
Weight	500 g
Dimming	0~100%
CCT	2700°K ~ 6500°K
Display	Mono LCD
Cable Length	2m (can be extended)
Control Lock	Yes
Consumption	240W
DMX	512 Channel

Model	FL-DV
Battery Mount	V-Mount Battery
Dimension	170 x 87 x 63 mm
Weight	650 g
Dimming	0~100%
CCT	2700°K ~ 6500°K
Display	Mono LCD
Cable Length	2m (can be extended)
Control Lock	Yes
Consumption	240W
DMX	512 Channel

Model	FL-DG
Battery Mount	Gold-Mount Battery
Dimension	170 x 87 x 63 mm
Weight	650 g
Dimming	0~100%
CCT	2700°K ~ 6500°K
Display	Mono LCD
Cable Length	2m (can be extended)
Control Lock	Yes
Consumption	240W
DMX	512 Channel

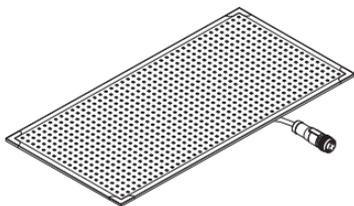
AC Adapter

Model	AC 400
Dimension	130 x 55 x 30 mm
Weight	300 g
Input	AC 100~240V 50/60Hz
Output	DC 12V, 6.0A, 72W

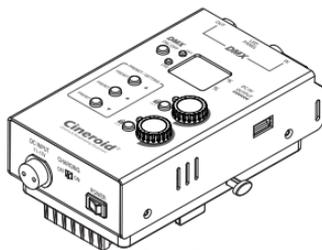
Model	AC 800
Dimension	170 x 70 x 40 mm
Weight	700 g
Input	AC 100~240V 50/60Hz
Output	DC 16V, 8.5A, 150W



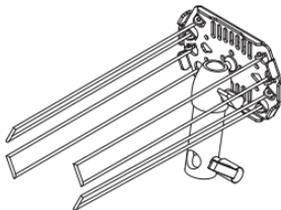
Package Contents



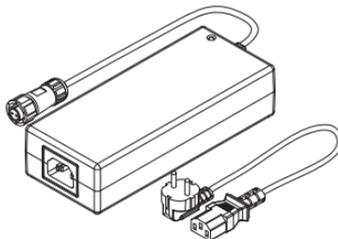
LED Panel



Controller



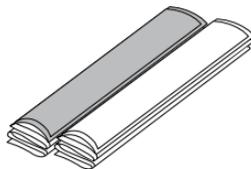
X-Bracket



AC Adapter



Extension Cable



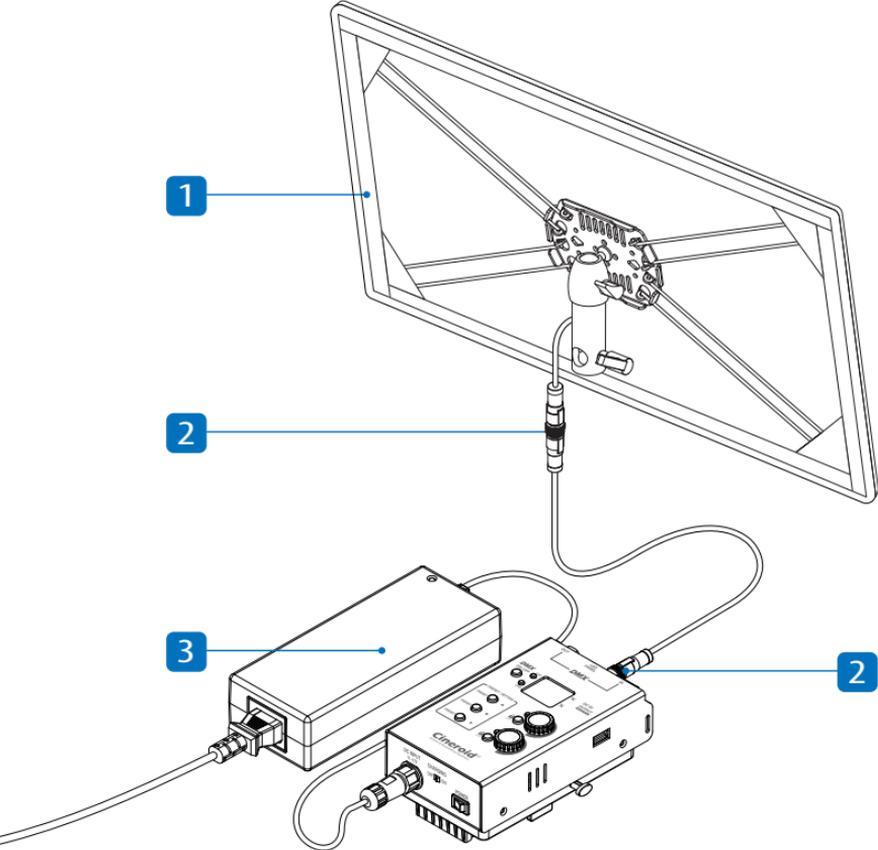
Diffuser Set



Manual

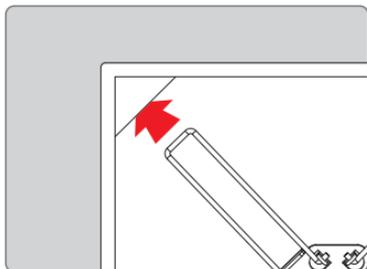
ML800V	LED Panel (PN-ML800) / Controller (V-Battery Mount) / H-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
ML800G	LED Panel (PN-ML800) / Controller (Gold-Battery Mount) / H-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
ML800N	LED Panel (PN-ML800) / Controller / H-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
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ML800-3V	LED Panel (PN-ML800) x3 / Controller (V-Battery Mount) x3 / H-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag
ML800-3G	LED Panel (PN-ML800) x3 / Controller (Gold-Battery Mount) x3 / H-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag
ML800-3N	LED Panel (PN-ML800) x3 / Controller x3 / H-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag
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FL400V	LED Panel (PN-FL400) / Controller (V-Battery Mount) / X-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
FL400G	LED Panel (PN-FL400) / Controller (Gold-Battery Mount) / X-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
FL400N	LED Panel (PN-FL400) / Controller / X-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
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FL400-3G	LED Panel (PN-FL400) x3 / Controller (Gold-Battery Mount) x3 / X-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag
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FL800V	LED Panel (PN-FL800) / Controller (V-Battery Mount) / X-Bracket / Extension Cable (3m) / AC Adapter / Diffuser Set / Manual
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FL800-3G	LED Panel (PN-FL800) x3 / Controller (Gold-Battery Mount) x3 / X-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag
FL800-3N	LED Panel (PN-FL800) x3 / Controller / X-Bracket x3 / Extension Cable (3m) x3 / AC Adapter x3 / Diffuser Set x3 / Manual / Carrying Bag

Setting Flexible LED Light

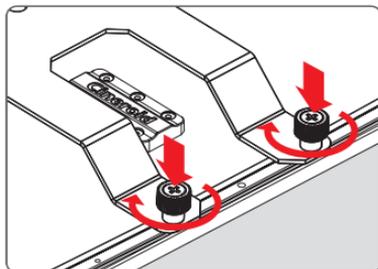


1 Set the LED Panel on the Bracket

Push down 4 mount arms on 4 corners of bracket to set LED panel with X-bracket.



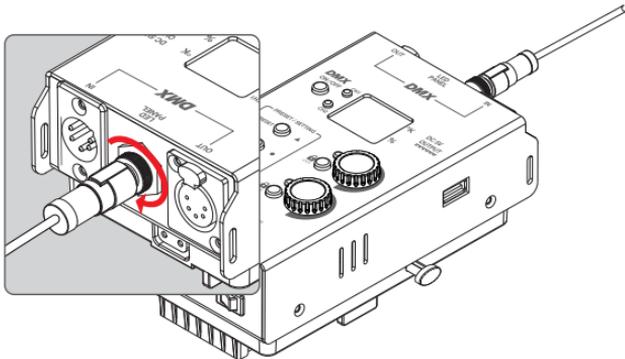
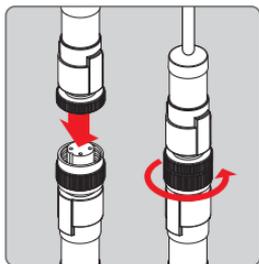
PN-FL400 / PN-FL800



PN-ML800

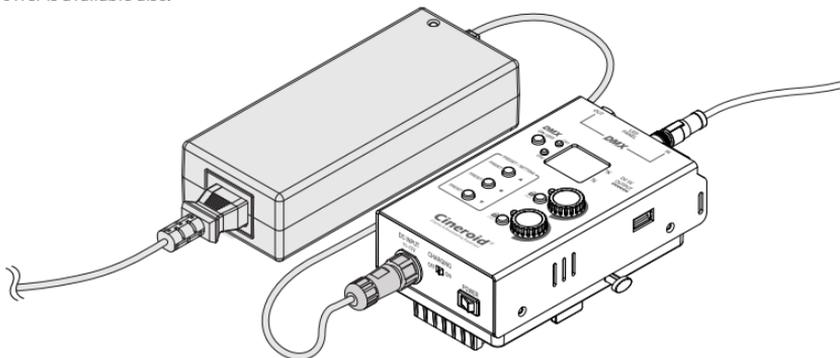
2 Connect LED Panel to the Controller

Connect the LED panel and control box connectors.
And then screw them to tight. It can be used extension cable between connectors.(optional)



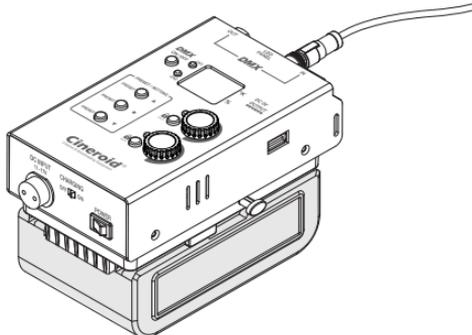
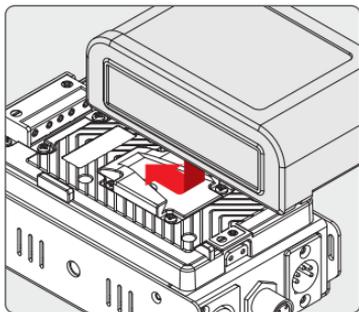
3 Input the Power by AC Power

1. Connect the power source using the AC cable supplied with the package.
2. Turn on the power button to check the LCD.
3. DC power is available also.



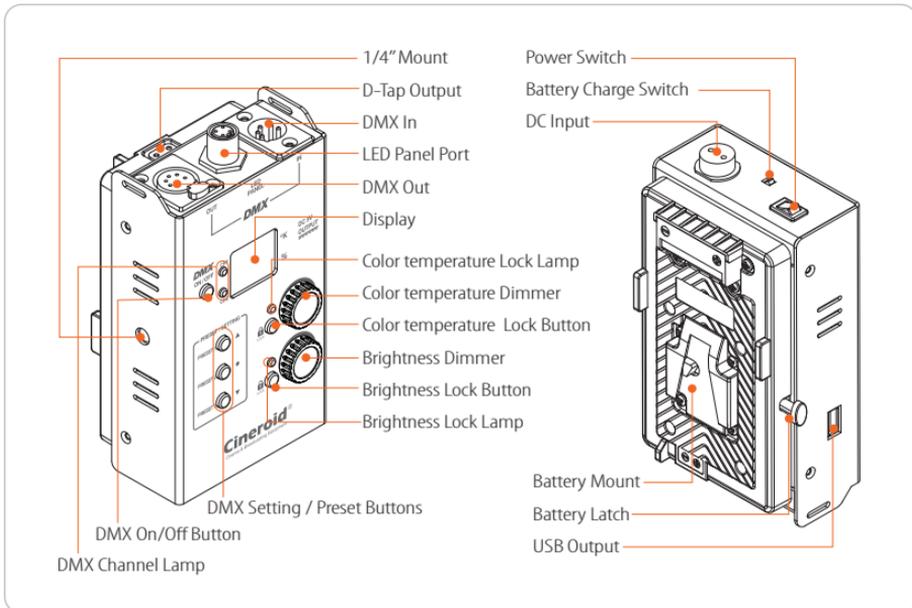
4 Input the Power by Battery (FL-DV/FL-DG)

1. Insert the V battery to the battery port.
2. Turn on the power button to check the LCD.
3. When removing the battery, press the detach latch and remove the battery in reverse order of mounting.



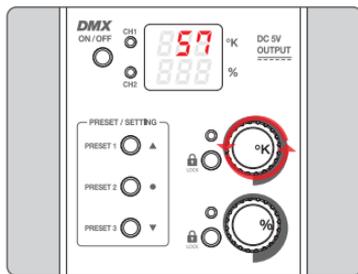
Operating Controller

Name of each part



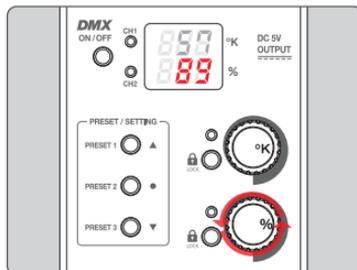
1. Adjust the Color Temperature

Turn the dial to the right increases Color temperature and left decreases Color temperature. You can adjust color temperature from 2700°K to 6500°K.



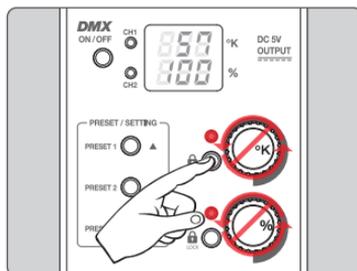
2. Adjust Brightnes

Turning the brightness dial to the right to increases brightness. Turn the dial to the left decreases brightness. You can adjust the Brightness by 0~100% dimming.



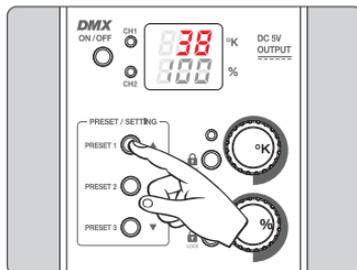
3. Lock the change of the value

Press the button to lock the color temperature dimmer. The LED will light up red and the dimmer cannot work. You can also unlock by pressing it again.



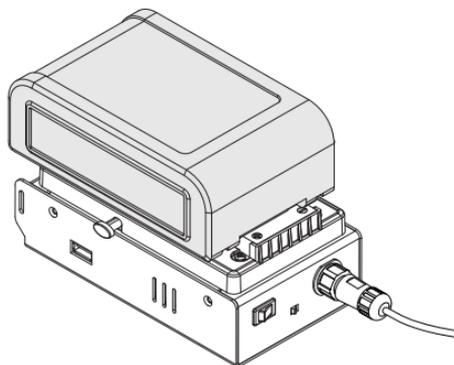
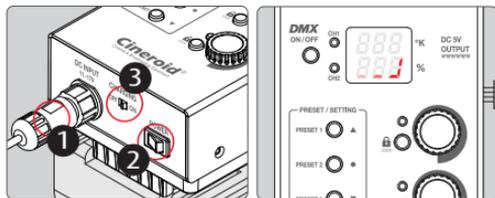
4. Preset

Up to three Color Temperature values can be saved. Press and hold the Preset button to save current value. Press the button briefly to recall the set value.



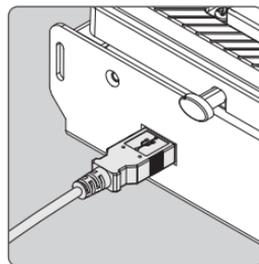
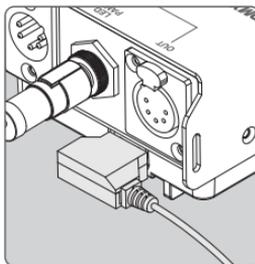
5. Charging the Battery

You can use the controller to charge the battery (FLV or FLG). Controller connected to the AC is turned off and the Battery Charging Switch is operated, charging of the battery starts. During the charging, the LCD shows status of charging.



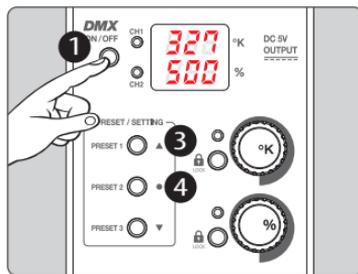
6. USB and D-Tap Output

The controller can be used as USB or D tap output. Connect the power to the controller and use it with the switch turned on.



7. DMX Channel Setting

Press DMX on/off button 1 second in order to set channel. DMX LCD will be shown blinking.
Change the channel 000~511 by setting the buttons.
Press Preset 1 or 3 button to charge channel.
Press preset 2 button for 1 second, channel setting is completed.



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