

# FLEXIBLE

LED LIGHT

FL1600K / FL1600VK

Important Safety Instructions  
User's Manual

**Cineroid**<sup>®</sup>  
Cinema & Broadcasting Equipment

# Thank you for purchasing CINEROID FL1600.

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

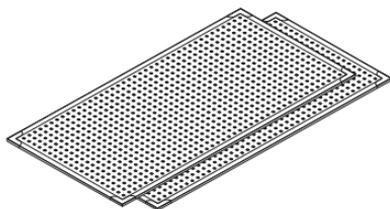
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- ⦿ Do not use batteries, power cord, or accessories that are not specified in this document.
- ⦿ When using a power cord, be sure to plug it in completely.
- ⦿ Do not handle power plugs when your hands are wet.
- ⦿ When unplugging the power cord, 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.

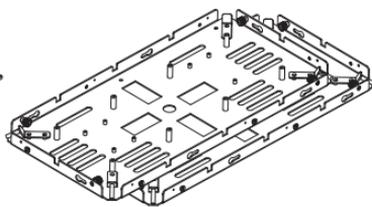


## Package Contents

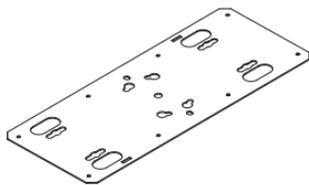
Please ensure all parts are present after opening the box.



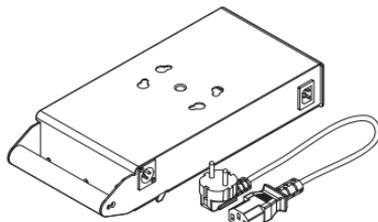
LED Panel(PN-FL800) x2



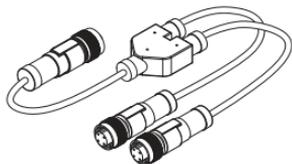
Panel Support(PS800) x2



Controller Plate



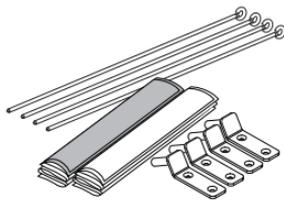
Ballast (LM1600)



Y Cable

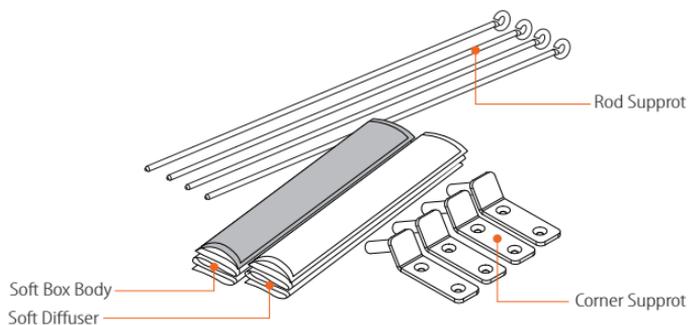
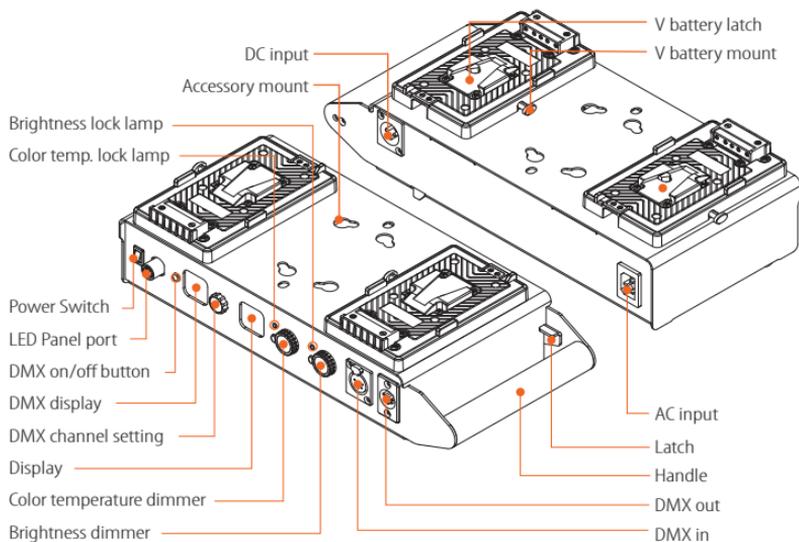


Ball Head



Soft Box Set

## Name of each part



# Specifications

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## LED Panel (PN-FL800)

Dimension	460 x 240 mm
Weight	300 g
Dimming	0~100%
Photometric	3400 lux
Color Temperature	2700°K ~ 6500°K
LED Cells	800
CRI	94 or above
Consumption	120W

## Ballast (LM1600)

Dimension	355 x 170 x 90 mm
Weight	2kg
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
Input	AC 100~240V 50/60Hz DC 24V(240W) 2 V-mount battery(FL1600VK only)

## Optional Accessories



**ECF603**

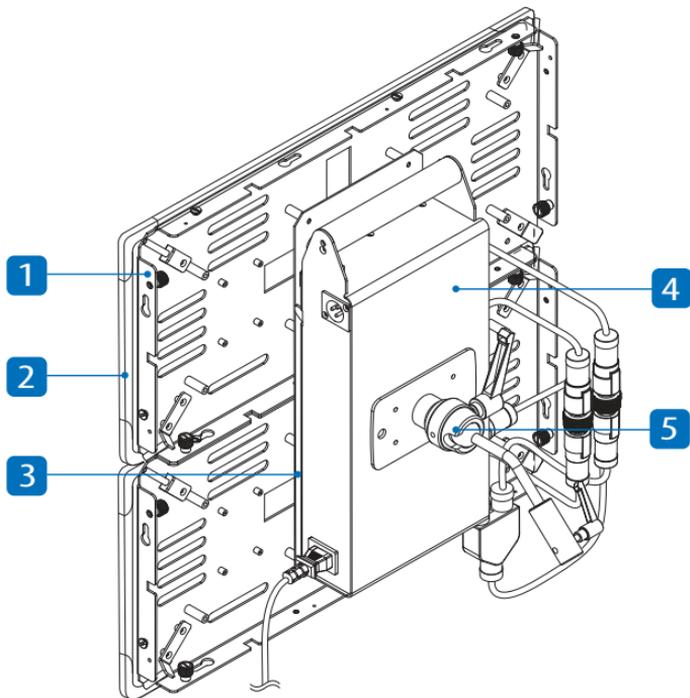
Extension Cable (3m)



**ECF605**

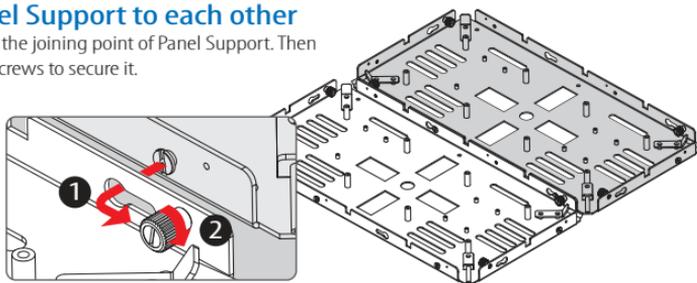
Extension Cable (5m)

# Setting FL1600



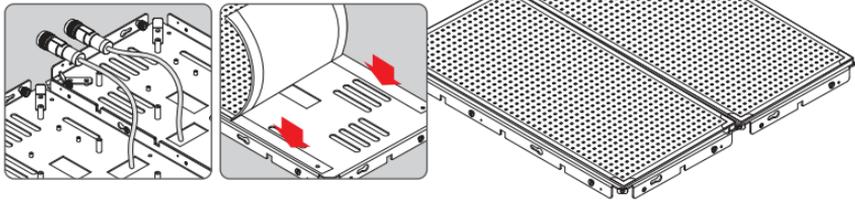
## 1 Attach Panel Support to each other

Locate and insert the joining point of Panel Support. Then tighten the two screws to secure it.



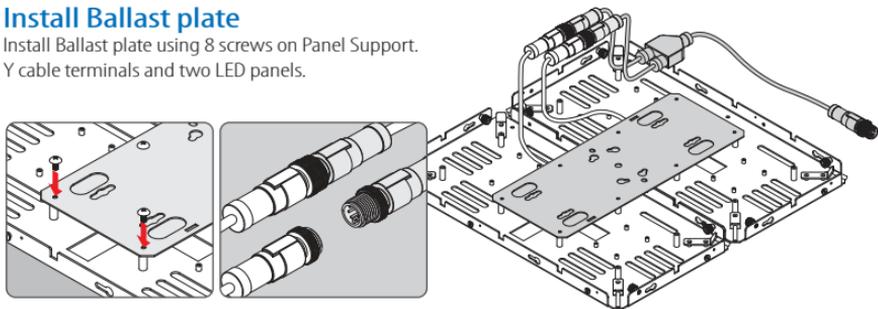
## 2 Attach LED Panel

Pull out the LED panel port to the back of the Panel Support. Attach the LED panel to the Panel Support by velcro.



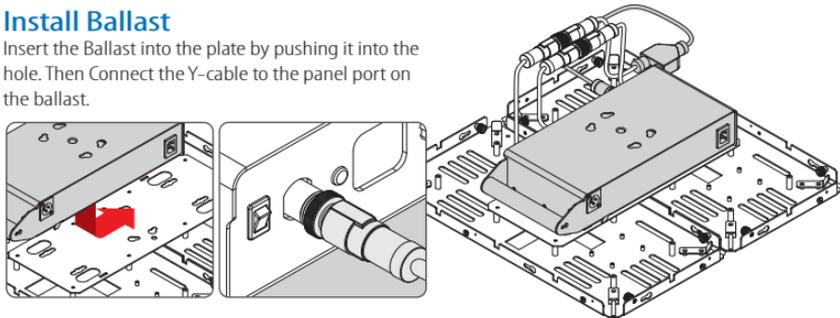
## 3 Install Ballast plate

Install Ballast plate using 8 screws on Panel Support. Y cable terminals and two LED panels.



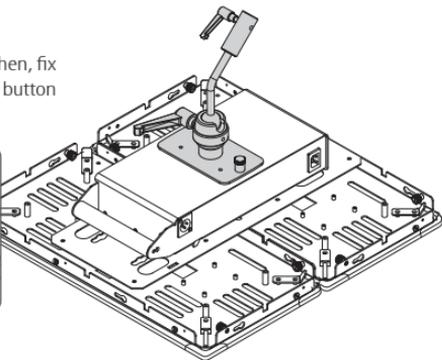
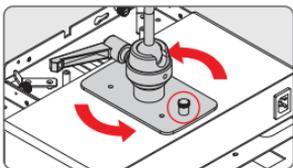
## 4 Install Ballast

Insert the Ballast into the plate by pushing it into the hole. Then Connect the Y-cable to the panel port on the ballast.



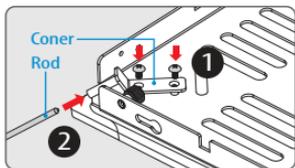
## 5 Install Ball head

Align the ball head with the hole on the ballast. Then, fix it by turning it. When detaching, press the detach button and remove it in reverse order of mounting.

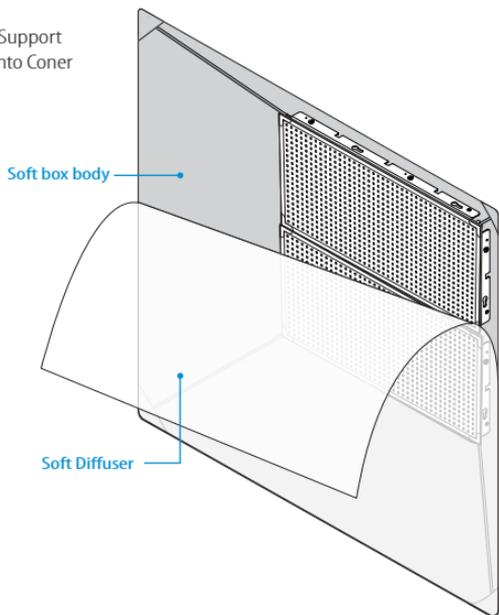


## 6 Install the soft box

Fix Coner Support to the corner of Panel Support with 2 screws. Then insert Rod support into Coner support.



Insert Rod support into the corner of Soft box body. Attach Soft diffuser after installation of Soft box body is finished.

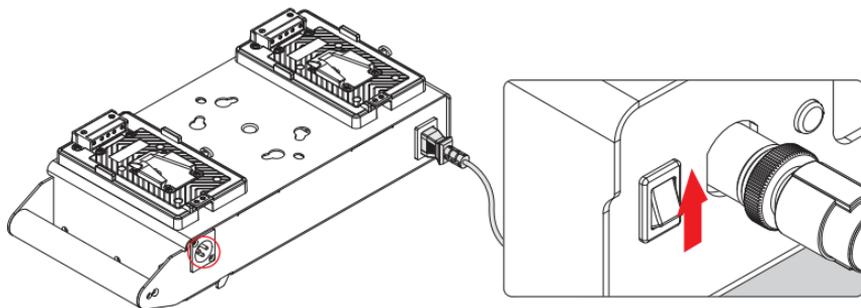


# Input the Power

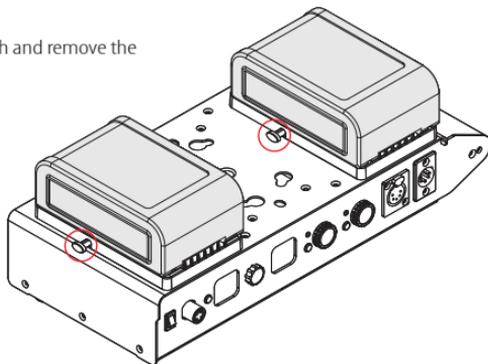
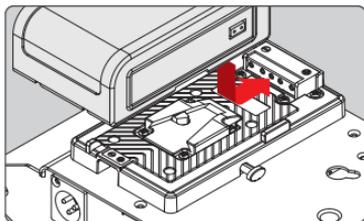
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## 1. AC adapter

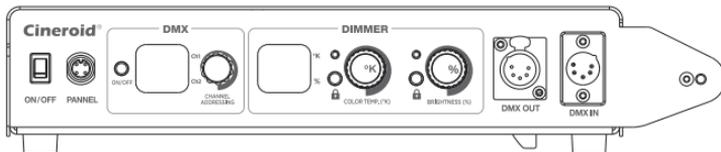
1. Connect the power source using the AC cable supplied with the package.
2. Turn on the power button to check the LCD.
3. DC power is available also. (24C / 240W)



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

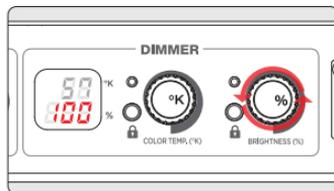


# Operating the ballast



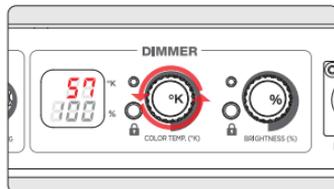
## 1. Adjust Brightness

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



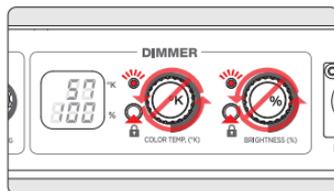
## 2. Adjust the Color Temperature

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. Display shows up to value.



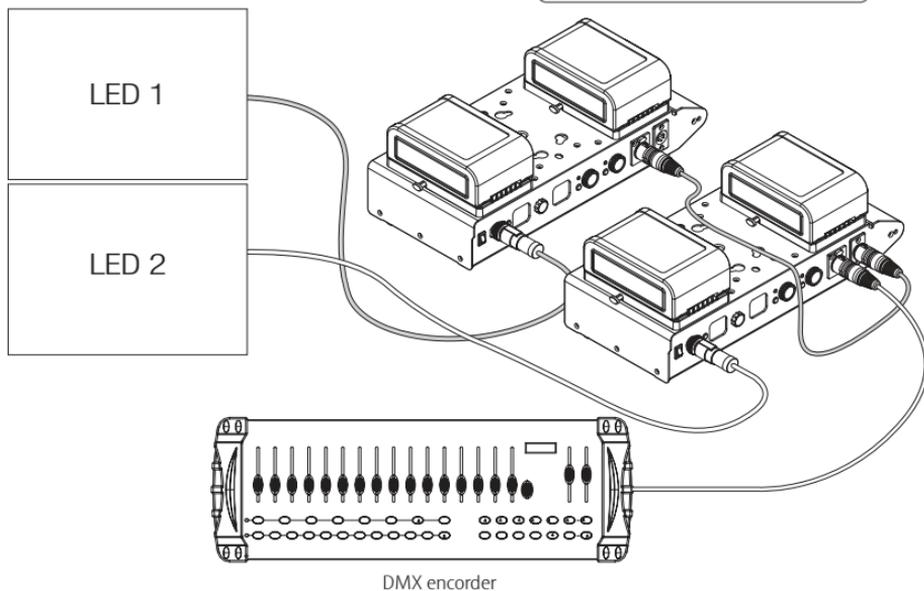
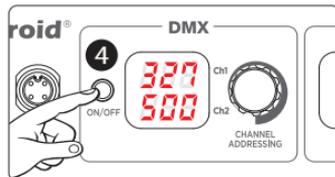
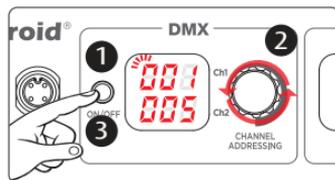
## 3. Lock the change the value.

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. DMX

1. Press DMX button 1 second in order to set channel.  
DMX LCD will be shown blinking.
2. Change the channel 000~511 by turning the button.
3. Press DMX button to select channel.  
(1 channel : Adjusting brightness / 2 channels : Adjusting brightness and color temperature.)
4. Press DMX button 1 second, channel setting is completed.



DMX encoder

# **Cineroid**<sup>®</sup>

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Made in Korea

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LED LIGHT