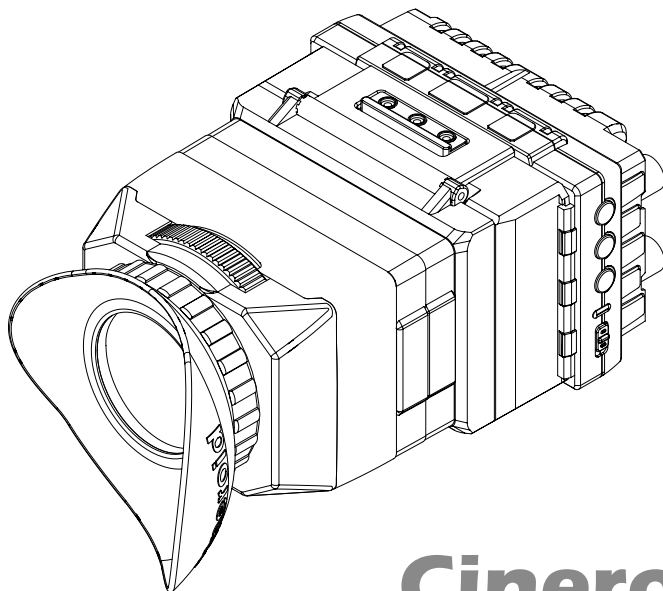


User's Manual

EVF4CSS

ELECTRONIC VIEW FINDER

*HD SDI input-output / Various modes of Peaking
Saturation(Zebra) / Clip guide / Anamorphic / Crop guide
Pixel to Pixel / Monochrome (B/W) / Underscan / Overscan
Screen flip / Audio Level meter*



Cineroid
Cinema & Broadcasting Equipment

Thank you for purchasing the Cineroid EVF.

The Cineroid EVF (hereafter referred to as "EVF") is a view finder that can be mounted on any video camera with a HD-SDI output signal. Please thoroughly read the user manual for best operation and understanding of all of the functions of the EVF.

| Test Before Operating

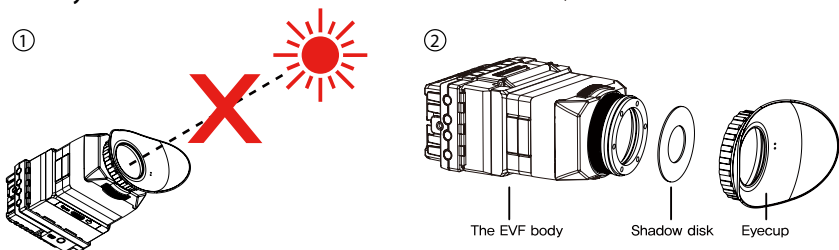
It is recommended to test the EVF before operating. Check if the EVF can be turned on once powered, and check if the information/menu is being properly displayed on the LCD.

| Copyrights and Prohibitions

The use of images of people, property, and places can without permission can be prohibited by law. Please refer to your region's laws regarding copyrights.

- Canon and EOS are registered trademarks of Canon.
- Nikon is a registered trademark of Nikon.
- Sony is a registered trademark of Sony.

| Safety Precautions



1. Do not face the eyecup directly into the sun as it may damage the LCD.
2. The shadow disk is installed on EVF at factory. This shadow disk can be removed by disassembling eyecup from loupe.

Safety Precautions

Please observe the following safety precautions as they are meant for the safe and proper use of the product to reduce the risk of accidents. Upon reading the user manual, keep it in a safe and available place.

- Ⓢ Do not use any 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. This may cause damage to the product and become a fire hazard.
- Ⓢ This product is not waterproof. If the product is dropped in water, contact the service center immediately.

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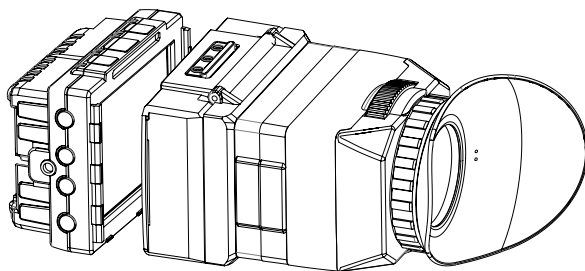
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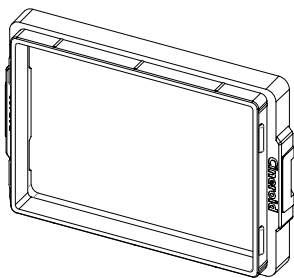
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Components

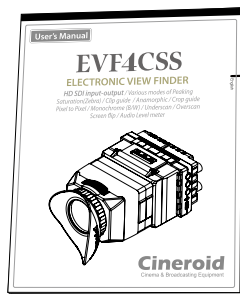
Please ensure all parts are present after opening the box.



A. LCD VF + Optical Loupe

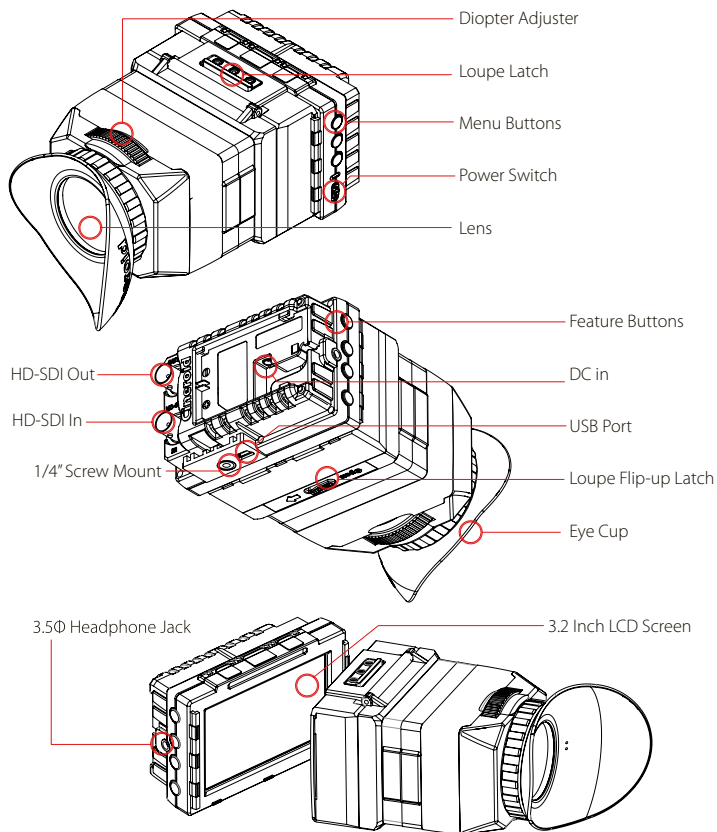


B. Extension tube



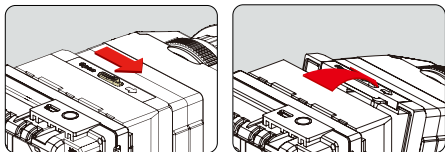
C. User's manual

Parts

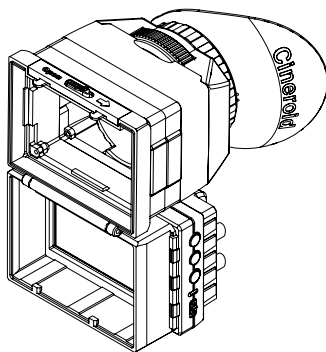


Before Using the EVF

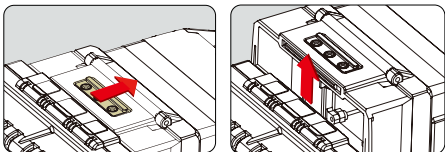
Openable Optical Loupe



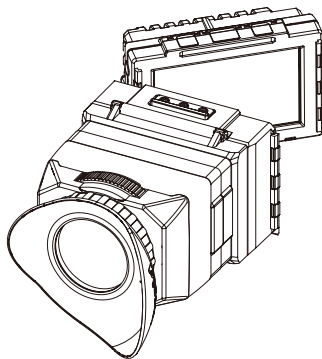
The optical loupe attached to the EVF body can be flipped open 180 degrees.



Detachable Optical Loupe

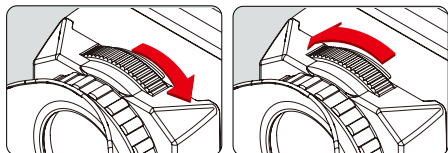


The optical loupe attached to the EVF body can be detached completely.

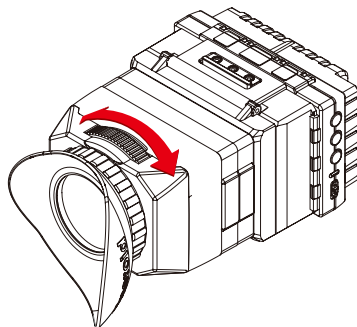


Before Using the EVF

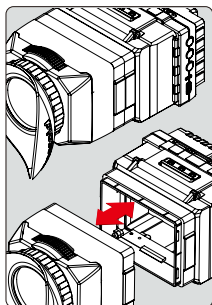
Adjusting the Diopter



When viewing through the optical loupe, the user can adjust the diopter accordingly. Rotate the dial in either direction until the image becomes clear.

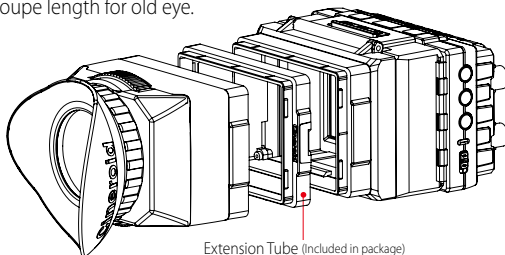


Extendable Loupe / Connecting Extension Tube



1 Touch Removeable

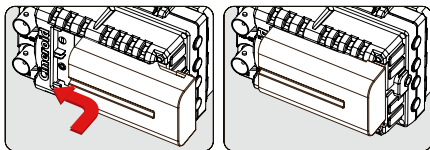
The optical loupe can be splitted.
And Extension tube is used to extend
loupe length for old eye.



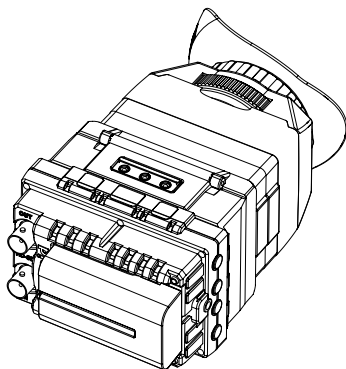
Extension Tube (included in package)

Before Using the EVF

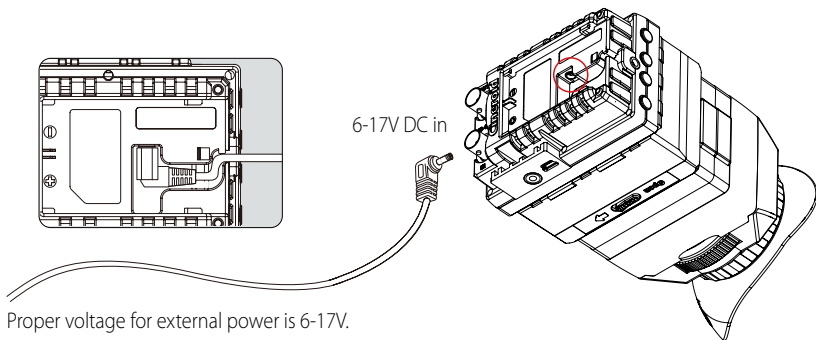
Installing the Battery



The Cineroid EVF uses Canon LP-E6 battery. The battery or the connectors may be damaged if not aligned properly.



Connecting External Power



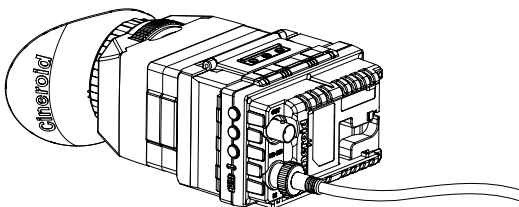
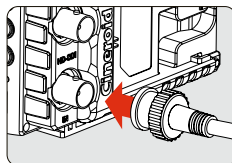
Proper voltage for external power is 6-17V.

When both external power and battery is connected, battery is not consumed.

Before Using the EVF

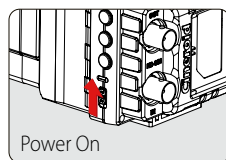
Connecting a HD-SDI Cable

First connect the HD-SDI cable to a camera, and then connect the other end into the IN connection on the EVF. Check whether the image on the LCD is correctly displaying the image on the camera.

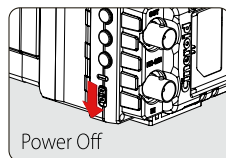


Power On / Off

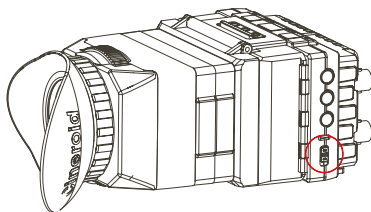
Install the battery or connect external power and Turn the power switch to the ON position. If you have an external input, you will see the image displayed from that signal. If there is no external input, you will see the default screen.



Power On



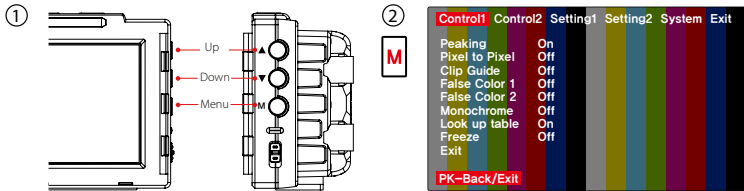
Power Off



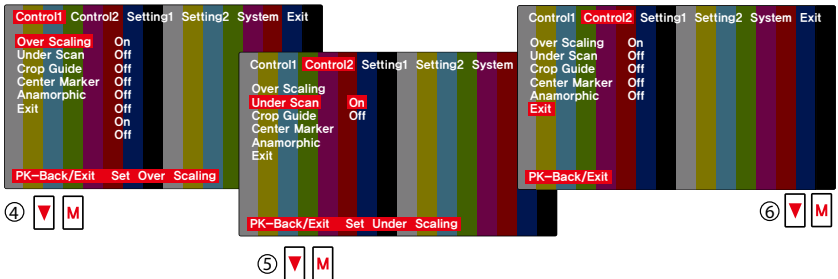
Basic Features

Operating the Menu

1. Access the setting and features by pressing the menu button on the right side of the EVF.
2. Press the M button to select the main menu. When not in the menu, you can adjust the speaker volume by pressing the up and down arrow keys.



3. Once the main menu is selected, press the up and down arrow keys to navigate through the menu. The cursor is highlighted in red.
4. Move the cursor to the feature you want to select/change and press the M button to access that feature.
5. Press the up and down arrow keys to change the value of the feature.
6. Move the cursor to Exit and press the M button to return to the previous menu.
7. To exit the main menu, move the cursor to Exit and press the M button.

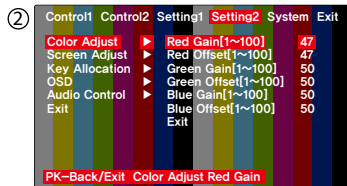
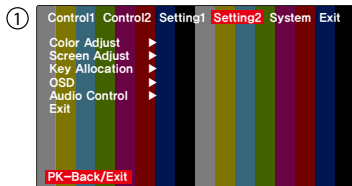


* **Tip** Press PK button to exit Menu at any position.

Basic Features

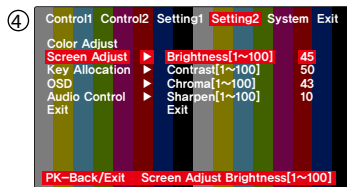
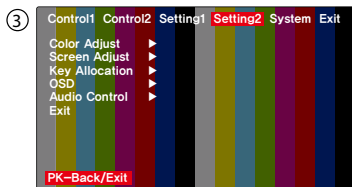
Adjusting Color

Menu : Setting2 - Color Adjust



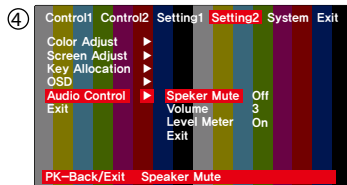
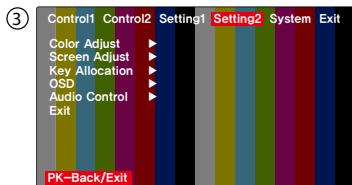
Adjusting the Screen

Menu : Setting2 - Color Adjust



Volume Control

Menu : Setting2 - Audio Control

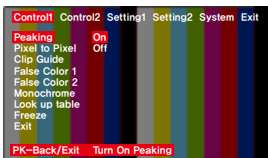


Shooting Features

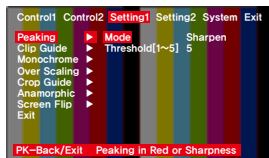
Peaking

On/Off : Menu - Control1 - Peaking

Setting : Menu - Setting1 - Peaking



Peaking On / Off



Peaking Setting



Peaking Red OFF



Peaking Red ON



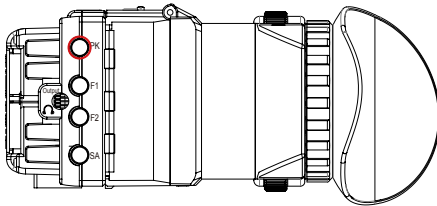
Peaking Sharpness OFF



Peaking Sharpness ON

* Tip Simply PK Button

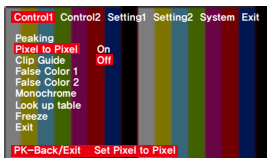
To activate the peaking feature, simply press the PK button on the left side of the EVF body. The peaking will show in the mode that is currently selected.



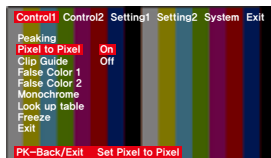
Shooting Features

Pixel to pixel

On/Off: Menu - Control1 - Pixel to Pixel



Pixel to Pixel Off



Pixel to Pixel On



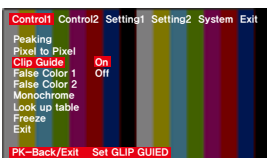
Pixel to Pixel Off



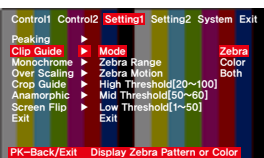
Pixel to Pixel On

Clip Guide

On/Off: Menu - Control1 - Clip Guide Setting: Menu - Setting1 - Clip Guide



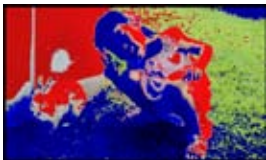
Clip Guide On / Off



Clip Guide Setting



Clip Guide Off



Clip Guide Color mode

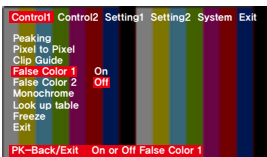


Clip Guide Zebra mode

Shooting Features

False Color

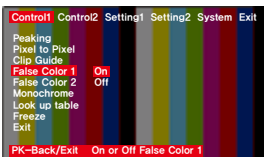
On/Off: Menu - Control1 - False Color1 or False Color 2



False Color1 Off



False Color1 Off



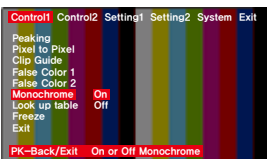
False Color1 On



False Color1 On

Monochrome (B/W, Blue, Red, Green)

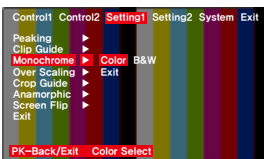
On/Off: Menu - Control1 - Monochrome Setting: Menu - Setting1 - Monochrome



Monochrome On / Off



Monochrome (B/W) Off



Monochrome Setting

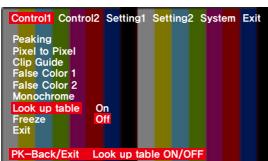


Monochrome (B/W) On

Shooting Features

Look up table

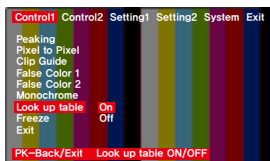
On/Off: Menu - Control1 - Look up table



Look up table Off



Look up table Off
(The image applied adjusting color)



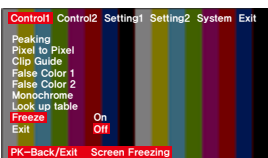
Look up table On



Look up table On (Original image)

Freeze

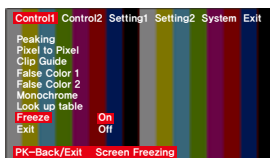
On/Off: Menu - Control1 - Freeze



Freeze Off



Freeze Off



Freeze On

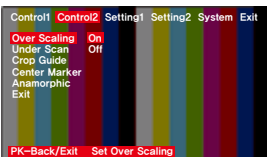


Freeze On

Shooting Features

Over Scaling

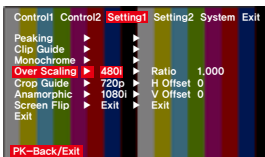
On/Off : Menu - Control2 - Over Scaling **Setting** : Menu - Setting1 - Over Scaling



Overscaling On / Off



Overscaling Off



Overscaling Setting



Overscaling On

Underscan

On/Off : Menu - Control2 - Underscan



Underscan Off



Underscan Off



Underscan On



Underscan On

Shooting Features

Crop guide

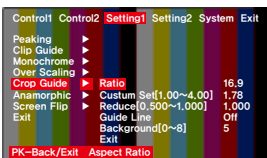
On/Off : Menu - Control2 - Crop Guide Setting : Menu - Setting1 - Crop Guide



Crop guide On / Off



Crop guide Off



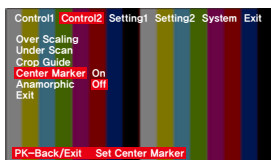
Crop guide Setting



Crop guide On

Center Marker

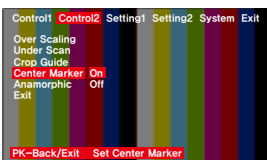
On/Off : Menu - Control2 - Center Marker



Center Marker Off



Center Marker Off



Center Marker On



Center Marker On

Shooting Features

Anamorphic

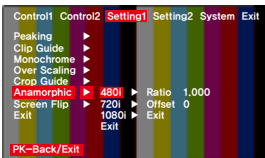
On/Off : Menu - Control2 - Anamorphic Setting : Menu - Setting1 - Anamorphic



Anamorphic On / Off



Anamorphic Off



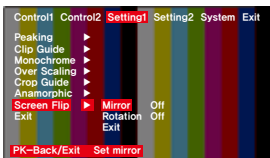
Anamorphic Setting



Anamorphic On

Screen Flip

On/Off : Menu - Setting1 - Screen Flip



Screen Flip On / Off



Screen Flip Off



Mirror On



Rotate On



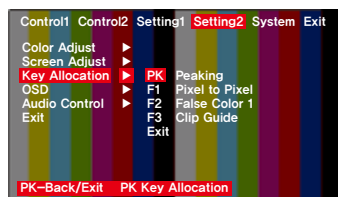
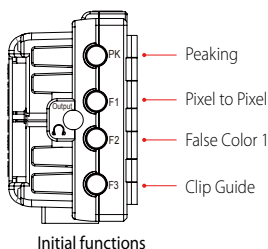
Rotate On / Mirror On

Setting User Controls

Custom Button Functions

Setting : Menu - Setting2 - Key Allocation

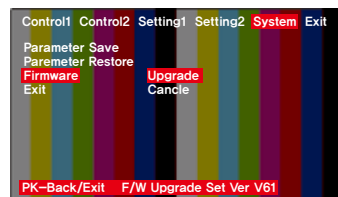
The left side of the EVF body contains the buttons PK, F1, F2, F3. The factory default for these buttons are peaking (PK), Pixel to Pixel (F1), False Color 1 (F2), and Clip Guide (F3). Each button can be customized to a particular feature by selecting CUSTOM SETUP on the main menu.



Firmware Upgrade

Setting : Menu - System - Firmware

1. Firmware is upgradable by special cable.
2. Connect EVF and computer by cable.
3. Select On of Firmware Upgrade. The screen is changed to waiting message.
4. EVF starts firmware upgrade.

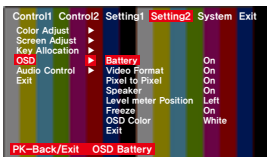


Setting User Controls

Custom Display Settings

Setting : Menu - Setting1 - Anamorphic

You can select to view the current state of the battery usage, volume, etc. on the LCD.



OSD



Pixel to Pixel ON



Peaking ON

Parameter save and restore

Setting : Menu - System - Parameter Save/Restore

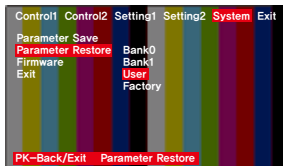
The all parameters of function can be stored on bank0 or bank1.

The parameters can be restored from bank0 or bank1.

Factory is the initial parameter of factory.



Parameter Save



Parameter Restore

Factory reset



1. Powering on the EVF while pressing down the PK button will reset the EVF to its original default settings.
2. Once the reset is complete, fully power off the EVF before powering on for further use.

Product Specifications


Model		EVF4CSS
SDI Signal format		480i59.94, 576i50, 720p50, 720p59.94, 720p60, 1080PsF23.98, 1080p23.98, 1080PsF24, 1080p24, 1080PsF25, 1080p25, 1080PsF29.97, 1080p29.97, 1080PsF30, 1080p30, 1080i50, 1080i59.94, 1080i60
LCD	Size	3.2inch TFT LCD
	Resolution	800 x 480
	Color	16.7 M
	Viewing angle	H: 140 degrees, V: 140 degrees
	Display area	69.6(H) x 41.76(V)mm
Audio out	Phone Jack	3.5 Φ Analog stereo
	Internal speaker	Mono Output
Power	Battery	Canon LP-E6 type
	External	DC 6.0 ~ 17V
Operating Temperature		-10°C to 70°C
Storage Temperature		-20°C to 70°C
Power consumption		3.5W (3hours with LP-E6 battery)

Optional Product

O External Power Adapter

FCB043		DC plug with D-tap
FCB044		DC plug only

O Soft Eyecup Cover

Form	Model	
	ECO : Orange color	For Cineroid EVF & Others 119 x 86 x 8.5(mm)
	ECR : Red color	
	ECB : Blue color	

Cineroid

Cinema & Broadcasting Equipment

EVF4CSS

ELECTRONIC VIEW FINDER

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