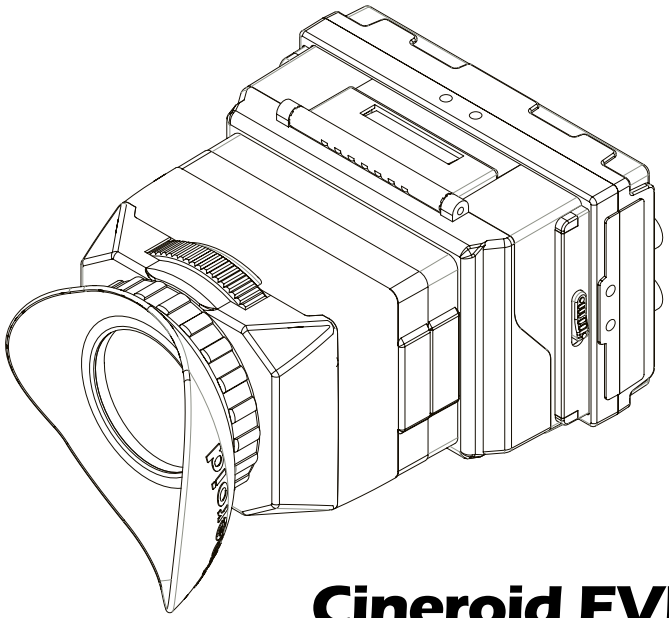
Cineroid

Cinema & Broadcasting Equipment

English



Cineroid EVF4

RVW

with Retina display

User's Manual

3.5 inch Retina LCD
3G (HDMI/HD-SDI input / HD-SDI ouptout)
Various Advantage LCD Loupe
Multi vendor Battery support
Waveform / Vectorscope / Peaking / Saturation
Pixel to Pixel / Clip Guide / Crop Guide / Overscan
Underscan / Anamorphic / Monochrome and etc.

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 HDMI 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.

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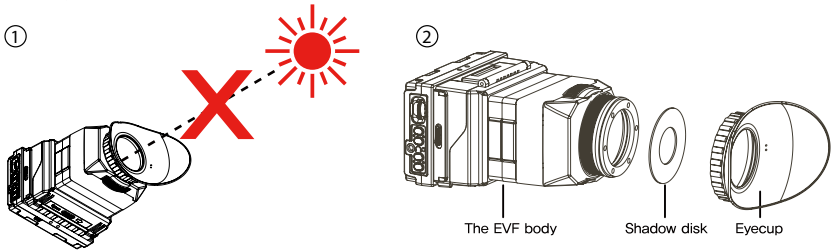
Safety Precautions



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

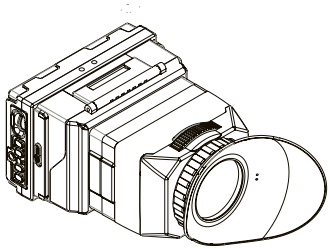
Please observe the following safety precautions as they are meant for the safe and proper use of the product to reduce the risk of accidents. Upon reading the user manual, keep it in a safe and available place.

◎ 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.

Table of Contents

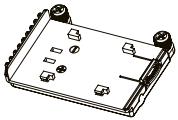
Components

Please ensure all parts are present after opening the box.

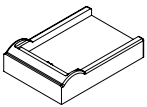


A. LCD VF + Optiacl Loupe

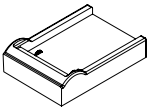
B. D-tap to mini XLR cable



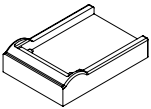
C. Battery holder mount



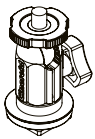
D. Canon LP-E6 Battery holder



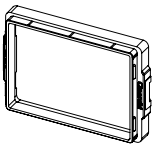
E. Cannon BP911 Series Battery holder



F. Sony NPF Battery holder



G. Mini Ball Head

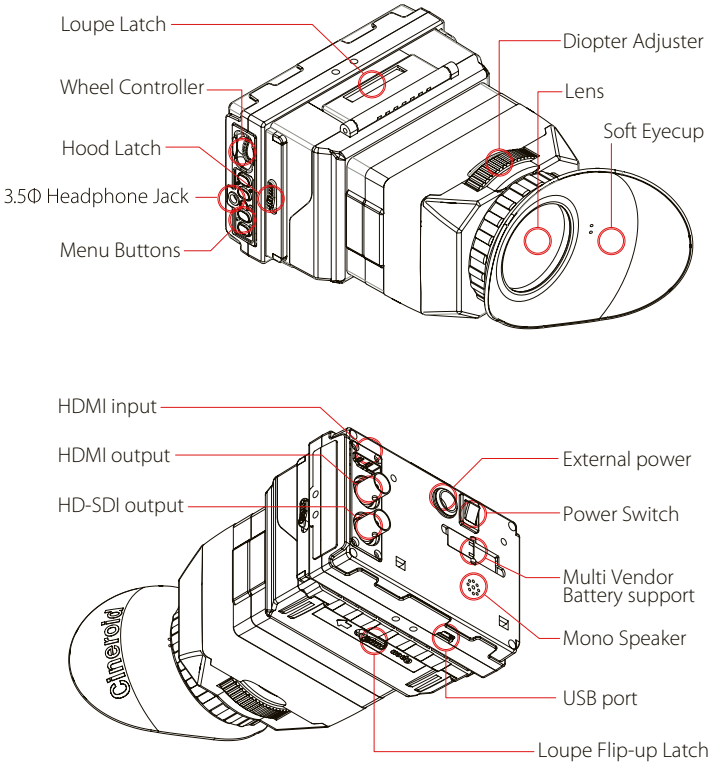


H. Extension tube

I. User's Manual

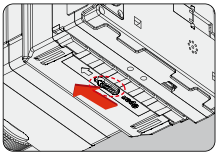
J. Carrying Bag

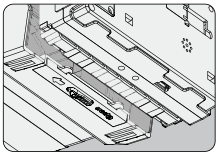
Parts


Loupe Latch
Wheel Controller
Hood Latch
3.5Φ Headphone Jack
Menu Buttons
Diopter Adjuster
Lens
Soft Eyecup
HDMI input
HDMI output
HD-SDI output
External power
Power Switch
Multi Vendor
Battery support
Mono Speaker
USB port
Loupe Flip-up Latch
Cineroid

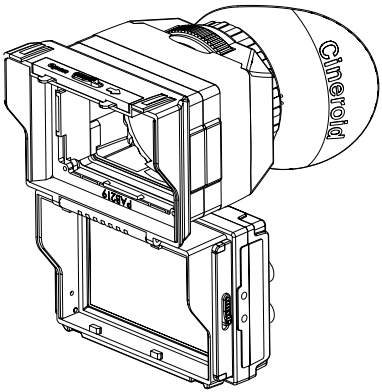
Before Using the EVF

Openable Optical Loupe

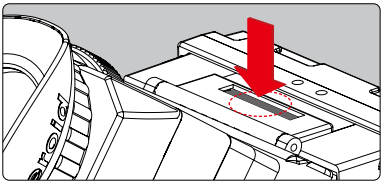




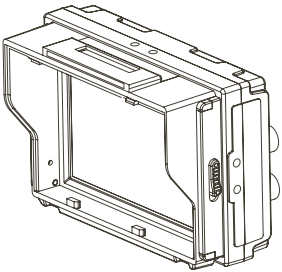
The optical loupe attached to the EVF body can be flipped open 180 degrees.



Hood for Loupe



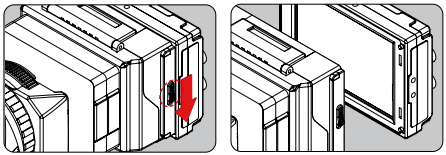
The opened Optical Loupe



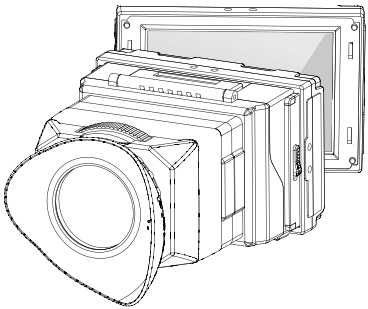
You can use the LCD hood in the open state by using seperated part from the optical loupe which was attached to the cineroid EVF4RVW.

Before Using the EVF

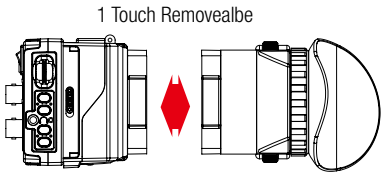
Separate of Loupe



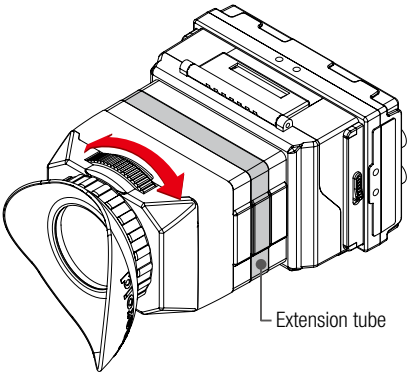
Please operate both side of latchs on the optical loupe and remove the optical loupe. The optical loupe attached to the EVF body can be detached completely.



Adjusting the Diopter / Connecting Extension tube

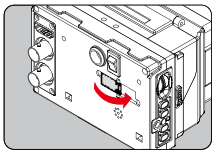


When viewing through the optical loupe, the user can adjust the diopter accordingly. Rotate the dial in either direction until the image becomes clear. and Extention tube is used to extend loupe length for old eye.

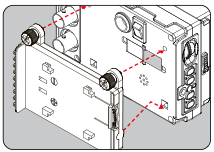


Before Using the EVF

Installing the Battery

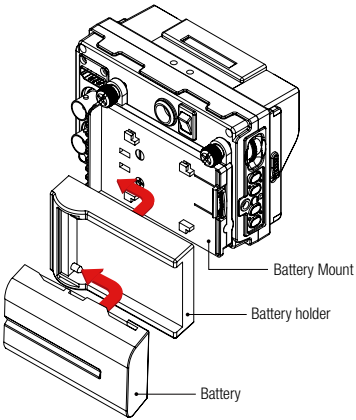


1. Open the battery pin cover

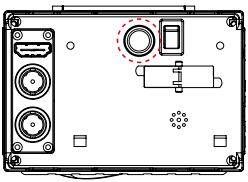


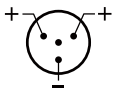
2. Attach the battery mount

The Cineroid EVF4RVW uses Canon, Nikon and Panasonic's some types of batteries. Each type of battery can be used with battery mount base and battery holder. The battery or the connectors may be damaged if not aligned properly.

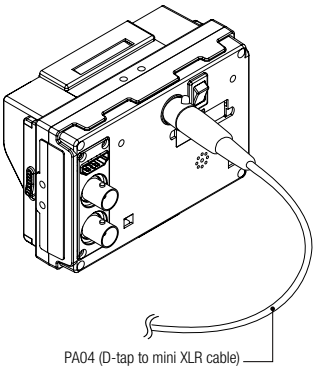


Connecting External Power



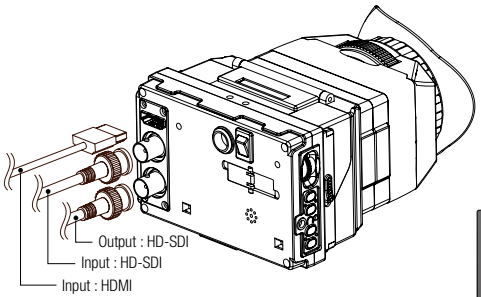


Proper voltage for external power is 6-17V.
Attention to the connecting polarities and voltage, otherwise the connectors may be damaged.
When both external power and battery is connected, battery is not consumed.



Before Using the EVF

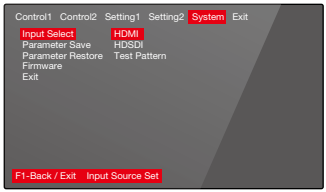
Connecting input / output



2 Serial Digital Inputs the EVF4RVW module has HD-SDI switchable 3G-SDi input connectors for monitoring. Connect input then select the type of input in menu.

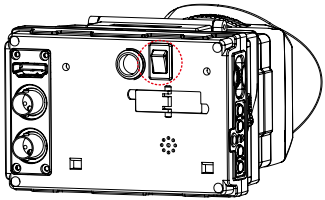
Menu : System - Input Select

*How to operate the menu, refer to page 12.

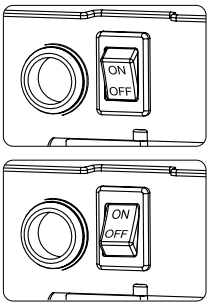


Select the type of Input

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.



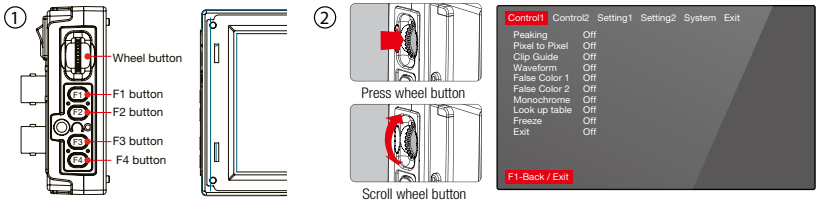
Power ON/OFF switch

English

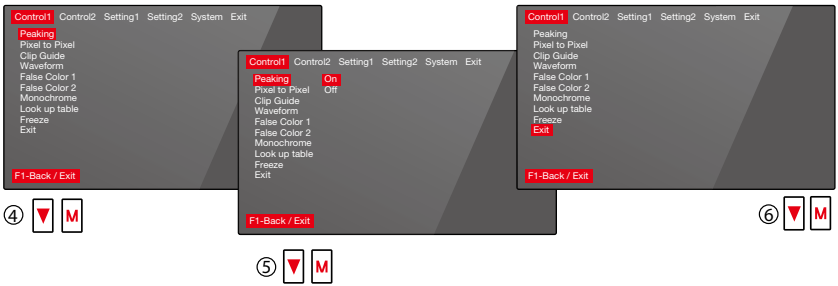
Basic Features

Operating the Menu

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



3. Once the main menu is selected, scroll the up and down wheel button 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 wheel button to access that feature.
5. Scroll the up and down wheel to change the value of the feature.
6. Move the cursor to Exit and press the wheel button to return to the previous menu.
7. To exit the main menu, move the cursor to Exit or press the F1 button.

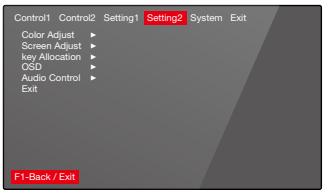


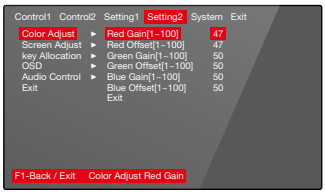
* **Tip** Press F1 button to exit Menu at any position.

Basic Features

Adjusting Color

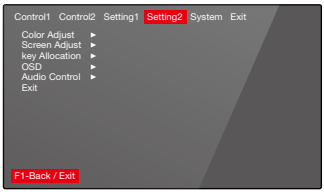
Menu : Setting2 - Color Adjust

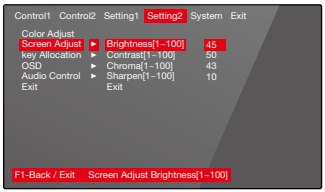
① 

② 

Adjusting the Screen

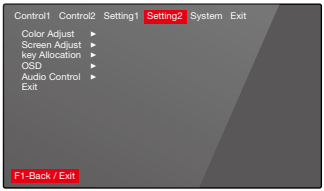
Menu : Setting2 - Color Adjust

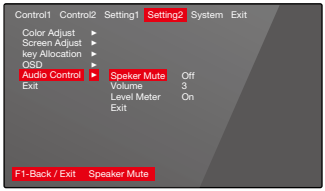
③ 

④ 

Volume Control

Menu : Setting2 - Audio Control

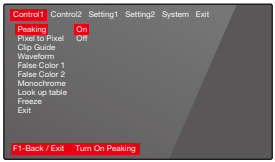
③ 

④ 

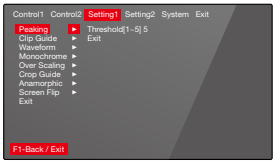
Shooting Features

Peaking

On/Off : Menu - Control1 - Peaking **Setting :** Menu - Setting1 - Peaking



Peaking On / Off



Peaking Setting

Peaking Red OFF

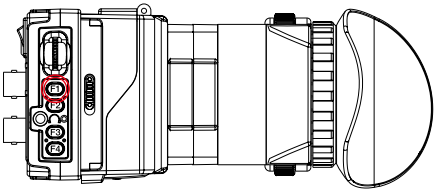
Peaking Red ON

Peaking Sharpness OFF

Peaking Sharpness ON

*** Tip** Simple Peaking Button

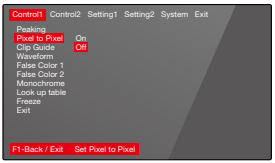
To activate the peaking feature, simply press the F1 button on the left side of the EVF body. The peaking will show in the mode that is currently selected.



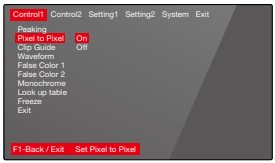
Shooting Features

Pixel to pixel

On/Off : Menu - Control1 - Pixel to Pixel



Pixel to Pixel Off



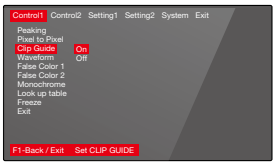
Pixel to Pixel On

Pixel to Pixel Off

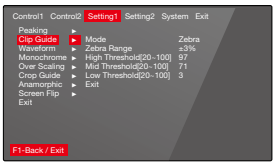
Pixel to Pixel On

Clip Guide

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

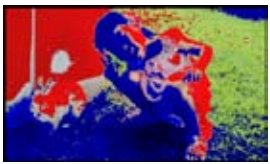


Clip Guide On / Off



Clip Guide Setting

Clip Guide Off



Clip Guide Color mode

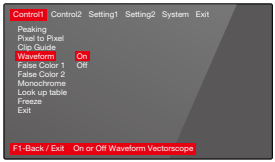
Clip Guide Zebra mode

English

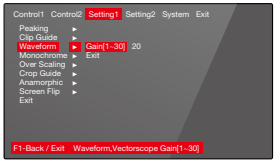
Shooting Features

Waveform / Vectorscope

On/Off : Menu - Control1 - Waveform **Setting :** Menu - Setting1 - Waveform



Waveform On / Off

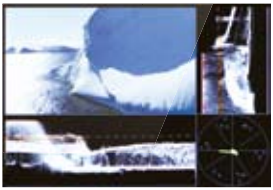


Waveform Setting

Waveform OFF

Style 1. Only horizontal waveform with image cropping

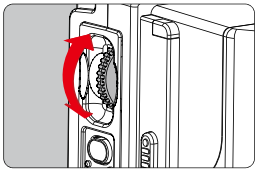
Style 2. Horizontal and vertical waveform with small vectorscope



Style 3. Horizontal and vertical waveform with big vectorscope

* Tip Simple change waveform style

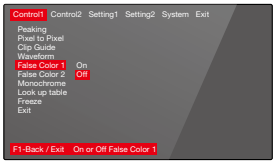
To change the waveform style, simply scroll the wheel button on the left side of the cineroid EVF4RVW's body. The waveform style will show in the mode that is currently selected.



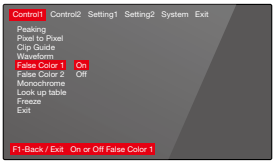
Shooting Features

False Color 1

On/Off : Menu - Control1 - False Color1



False Color1 Off



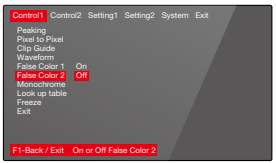
False Color1 On

False Color1 Off

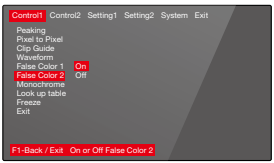
False Color1 On

False Color 2

On/Off : Menu - Control1 - False Color 2

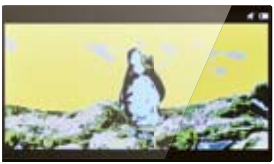


False Color2 Off



False Color2 On

False Color2 Off

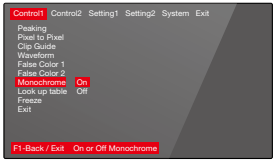


False Color2 On

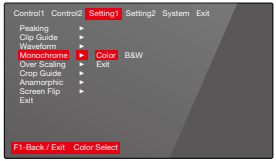
Shooting Features

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

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



Monochrome On / Off



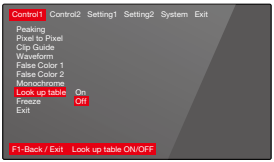
Monochrome Setting

Monochrome (B/W) Off

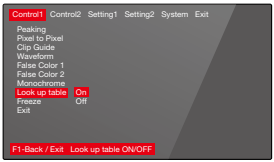
Monochrome (B/W) On

Look up table

On/Off : Menu - Control1 - Look up table



Look up table Off



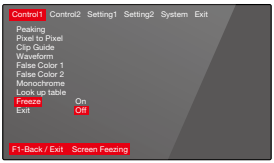
Look up table Off
(The image applied adjusting color)

Look up table On (Original image)

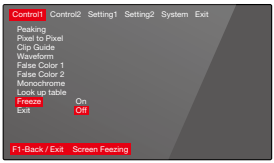
Shooting Features

Freeze

On/Off : Menu - Control1 - Freeze



Freeze Off



Freeze On

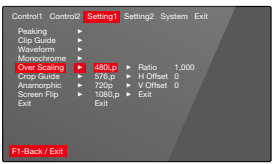
Freeze Off

Freeze On

Over Scaling

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

Overscaling On / Off



Overscaling Setting

Overscaling Off

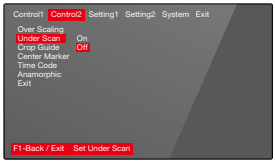
Overscaling On

English

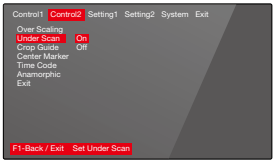
Shooting Features

Underscan

On/Off : Menu - Control2 - Underscan



Underscan Off



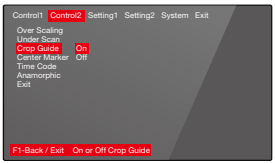
Underscan On

Underscan Off

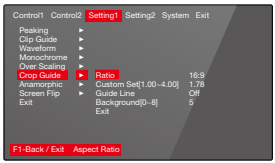
Underscan On

Crop guide

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



Crop guide On / Off



Crop guide Setting

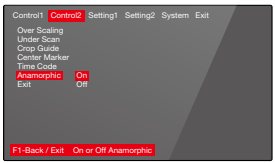
Crop guide Off

Crop guide On

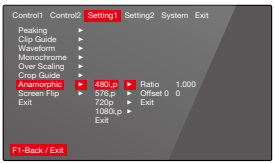
Shooting Features

Anamorphic

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



Anamorphic On / Off



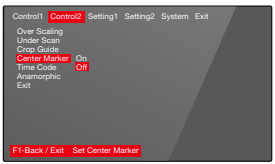
Anamorphic Setting

Anamorphic Off

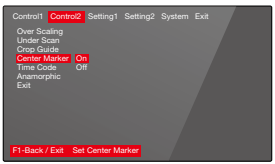
Anamorphic On

Center Marker

On/Off : Menu - Control2 - Center Marker



Center Marker Off



Center Marker On

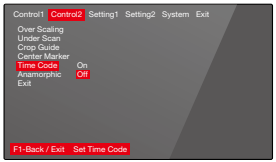
Center Marker Off

Center Marker On

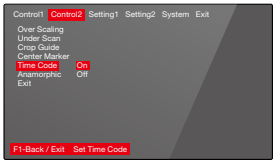
English

Time Code

On/Off : Menu - Control2 - Time Code



Time Code On / Off



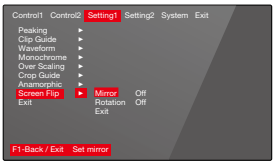
Time Code Setting

Time code Off

Time Code On

Screen Flip

On/Off : Menu - Setting1 - Screen Flip



Screen Flip On / Off

Screen Flip Off

Mirror On

Rotate On

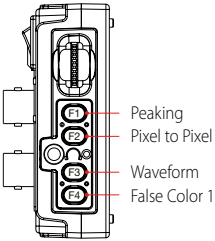
Rotate On / Mirror On

Setting User Controls

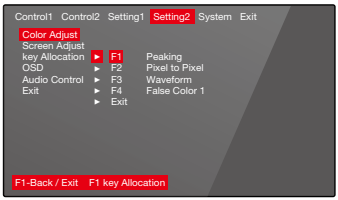
Custom Button Functions

Setting : Menu - Setting2 - Key Allocation

The left side of the EVF body contains the buttons F1, F2, F3, F4. The factory default for these buttons are peaking (F1), Waveform (F2), False Color 1 (F3), False Color 2 (F4). Each button can be customized to a particular feature by selecting CUSTOM SETUP on the main menu.



Initial functions

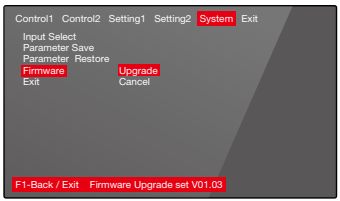


Setting key Allocation

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.



Firmware Upgrade

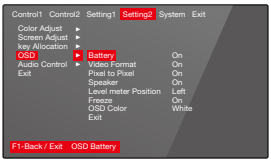
English

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

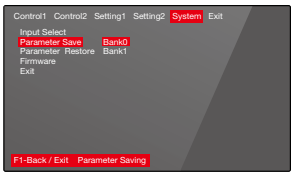
Pixel to Pixel ON

Peaking ON

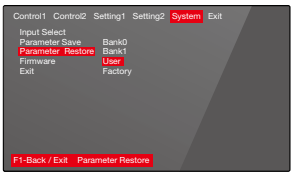
Parameter save and restore

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

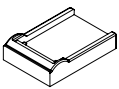
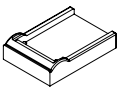
1. Powering on the EVF while pressing down the F1 button will reset the EVF to its original default settings.
2. Once the reset is complete, fully power off the EVF before powering on for further use.

Product Specifications

Input	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Input	HD-SDI	480i, 576i, 720p, 1080i, 1080p
Output	HD-SDI	480i, 576i, 720p, 1080i, 1080p
LCD	Size	3.5inch Retina LCD
	Resolution	960 x 640
	Color	16.7 M
	Viewing angle	H: 140 degrees, V: 140 degrees
Audio out	Display area	69.6(H) x 41.76(V) mm
	Phone Jack	3.5 Φ Analog stereo
Power	Internal speaker	Mono Output
	Battery	Multi vendor Battery support
	External	DC 6.0 ~ 17 V
Operating Temperature		-10°C to 60°C
Storage Temperature		-20°C to 70°C
Power consumption		3.5 W(3 hours with 2200 mA battery)
Weight		400 g
Size		102 x 67 x 157 mm

Optional Product

O Battery holder

BH-ENEL15		Battery holder for Nikon EN-EL15
BH-D54SE		Battery holder for Panasonic D54S

Optional Products

O Articulating Arm

Model	Length	Form	Material
CA20	20cm (6inch)		Metal
CA30	30cm (10inch)		Metal

O Mini Ball Head

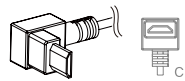
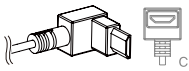
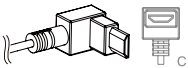
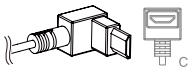
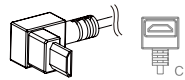
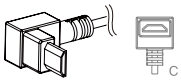
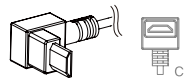
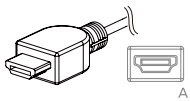
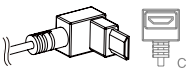
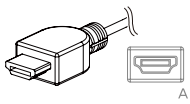
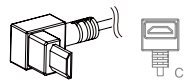
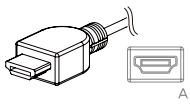
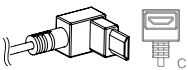
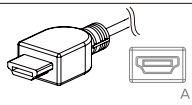
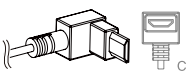
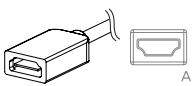
Model	Weight	Form	Material
Mini ball head MBH-P	40g		Rein force d plastic
Mini ball head MBH-M	80g		Metal

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	

Optional Products

O HDMI Cable

Model	Length	Plug form	
HCRF07CRB	70cm		
HCRB07CRB	70cm		
HCRF07CRF	70cm		
HASN07CRF	70cm		
HASN07CRB	70cm		
HASN12CRF	120cm		
HASN12CRB	120cm		
HASR01CRB	10cm		

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EVF1.0

Printed in Korea