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FEELWORLD LUT5E

FEELWORLD LUT5E 5.5-inch High Bright DSLR Camera Field Monitor User Manual

Model: LUT5E | Brand: FEELWORLD

1. Introduction

This manual provides detailed instructions for the operation and maintenance of your FEELWORLD LUT5E 5.5-inch High Bright DSLR Camera Field Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.



Figure 1.1: The FEELWORLD LUT5E 5.5-inch High Bright DSLR Camera Field Monitor, shown mounted on a camera rig.

2. Safety Information

- Do not expose the monitor to rain or moisture to avoid electric shock or fire.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Do not disassemble the unit. Refer all servicing to qualified personnel.
- Use only the specified power adapters and batteries.
- Clean the screen with a soft, dry cloth. Avoid using harsh chemicals.

3. Package Contents

Verify that all items are present in the package:

- 1x FEELWORLD LUT5E Monitor
- 1x Micro HDMI Cable
- 1x Mini Hot Shoe Mount + Hex Wrench
- 1x Operation Manual

Note: *Battery and power adapter are not included and must be purchased separately.*



Figure 3.1: Included items: monitor, Micro HDMI cable, mini hot shoe mount with hex wrench, and user manual.

4. Product Overview

4.1 Key Features

- **5.5-inch IPS Panel:** Full HD 1920x1080 resolution with 160° viewing angle and 1000:1 contrast ratio.

- **1600nits High Brightness:** Ensures clear visibility even in bright outdoor conditions.
- **Auto Dimming:** Adjusts screen brightness automatically based on ambient light.
- **Touchscreen Control:** Intuitive user interface for easy access to functions.
- **HDR Support:** Provides enhanced dynamic range for accurate color representation.
- **3D LUT Support:** Upload up to 50 custom LUTs via SD card for real-time color grading preview.
- **Waveform Monitoring:** Assists in analyzing luminance levels for proper exposure.
- **F970 External Install and Power Kit:** Allows mounting and powering external equipment like wireless transmitters or LED lights using an F970 battery.
- **4K HDMI Input/Output:** Supports 4K HDMI signals for real-time monitoring.



Figure 4.1: The monitor's 1600nits daylight viewable screen with auto-dimming functionality for outdoor use.

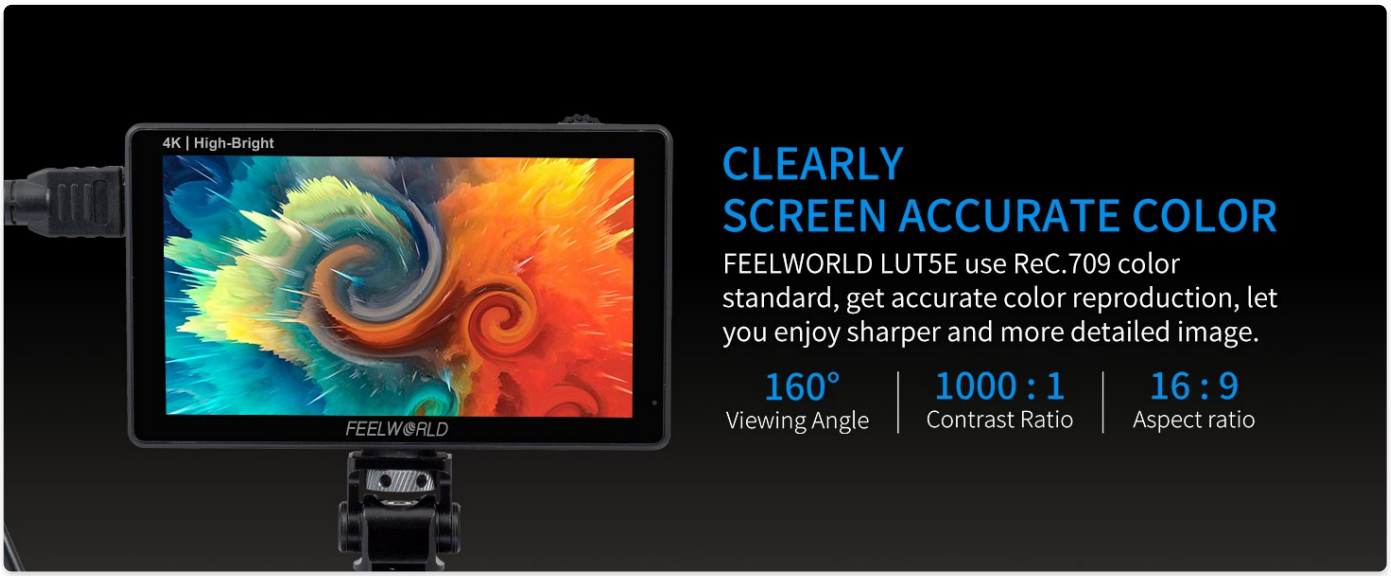


Figure 4.2: The Full HD IPS panel offers clear viewing and accurate color reproduction.



Figure 4.3: The F970 External Install and Power Kit simplifies equipment setup by integrating power and mounting for accessories.

5. Setup

5.1 Power Supply

The LUT5E monitor can be powered by a Sony F970 series battery or via a DC 12V power adapter (not included).

- **Battery Installation:** Slide a compatible NP-F series battery (F970, F960, F950, F930, F770, F750, F730, F570, F550, F530) into the battery plate on the rear of the monitor until it clicks into place.
- **DC Power:** Connect a 12V DC power adapter to the 'DC IN 12V' port on the side of the monitor.



Figure 5.1: Flexible power options include NP-F series batteries and a DC 12V adapter.

5.2 Mounting the Monitor

The monitor features two standard 1/4-inch mounting threads, located on the bottom and right side, allowing for flexible attachment to cameras or other equipment using a magic arm or bracket.



Figure 5.2: Examples of the monitor mounted on a DSLR camera, a gimbal, and a camera cage.

5.3 Connecting to a Camera

Connect your camera to the monitor using the provided Micro HDMI cable or another compatible HDMI cable.

- Connect one end of the HDMI cable to the camera's HDMI output port.
- Connect the other end to the 'HDMI IN' port on the left side of the LUT5E monitor.
- The 'HDMI OUT' port can be used to loop out the video signal to another monitor or device.



Figure 5.3: The monitor features 4K HDMI input and output for versatile connectivity.

6. Operating Instructions

6.1 Power On/Off

Press and hold the power button located on the top right side of the monitor to turn the unit on or off.

6.2 Touchscreen Control

The LUT5E features a sensitive touchscreen for easy navigation and control of monitor functions. Tap icons to select, swipe to navigate menus, and pinch to zoom (if supported by the current function).



Figure 6.1: The touchscreen interface allows for quick adjustments of functions, backlight, and volume.

6.3 Loading Custom LUTs

The monitor supports uploading up to 50 custom 3D LUT files for real-time preview of color grading.

1. Format an SD card to FAT32 or NTFS (MS-DOS FAT for Mac systems).
2. Ensure LUT files are in .cube format and do not exceed 7.9MB each.
3. Save the LUT files to the root directory of the SD card. LUT filenames must be in English or Arabic numerals.
4. Insert the SD card into the monitor's SD card slot.
5. Navigate to the LUT menu on the monitor and select the desired LUT to load.



Figure 6.2: The monitor supports loading custom 3D LUTs via an SD card for on-set color preview.

6.4 Monitoring Features

- **Waveform:** Displays the luminance levels of your video signal, aiding in exposure control.
- **HDR:** Provides a wider range of colors and contrast for more realistic images.
- **Auto Dimming:** Automatically adjusts screen brightness for optimal viewing in varying light conditions.

7. Maintenance

7.1 Cleaning

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water. Avoid using alcohol, benzene, thinners, or other chemical cleaners, as they may damage the screen or casing.

7.2 Storage

When not in use, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the battery.

8. Troubleshooting

If you encounter issues with your FEELWORLD LUT5E monitor, refer to the following common problems and solutions:

- **No Power:** Ensure the battery is charged and correctly installed, or that the DC power adapter is securely connected and functioning.
- **No Video Signal:** Check HDMI cable connections at both the camera and monitor. Verify the camera's HDMI output settings.
- **Screen Flickering/Distortion:** Try a different HDMI cable. Ensure the input signal resolution is supported by the monitor.
- **Touchscreen Unresponsive:** Power cycle the monitor. Ensure the screen is clean and free of debris.
- **LUTs Not Loading:** Verify the SD card format (FAT32/NTFS) and that LUT files are .cube format and within size limits. Ensure filenames are English or Arabic numerals.

If problems persist, please contact FEELWORLD customer support.

9. Specifications

Feature	Specification
Product Dimensions	10.16 x 1.54 x 7.56 inches
Item Weight	3.7 pounds
Item Model Number	LUT5E
Display Size	5.5 inches
Resolution	1920x1080
Brightness	1600 nits
Contrast Ratio	1000:1
Viewing Angle	160°
HDMI Input/Output	4K (3840x2160p @ 30/29.97/25/24/23.98, 4096x2160p @ 24Hz)
Power Input	DC 12V
Battery Compatibility	Sony NP-F series (F970, F750, F550, etc.)
LUT Support	Up to 50 custom 3D LUTs (.cube format)

10. Warranty and Support

The FEELWORLD LUT5E monitor comes with a **1-year official warranty**. For technical support, warranty claims, or service inquiries, please contact FEELWORLD customer service through their official channels.

You can find more information and support resources by visiting the official FEELWORLD store: FEELWORLD Official Store.

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