FEELWORLD FEELWORLD F6 Plus

FEELWORLD F6 Plus 6-Inch Touch Screen DSLR Camera Field Monitor User Manual

Model: FEELWORLD F6 Plus

1. Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your FEELWORLD F6 Plus 6-Inch Touch Screen DSLR Camera Field Monitor. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. Package Contents

Upon opening the package, please verify that all items listed below are present and in good condition:

- 1 × FEELWORLD F6 Plus 5.5" Monitor
- 1 × Micro HDMI Cable
- 1 × Mini HDMI Cable
- 1 × Sunshade
- 1 × Tilt Arm
- 1 × Manual
- 1 × NP-F550 Battery and Charger (Note: Battery and charger may be included depending on the specific package. Please check your product box.)

(Information derived from top review "A FEATURE PACKED MONITOR AT A GOOD PRICE")



Figure 2.1: FEELWORLD F6 Plus monitor with its various accessories, including cables, sunshade, tilt arm, and battery/charger.

3. Key Features

The FEELWORLD F6 Plus monitor is designed with advanced functionalities to enhance your video production workflow:

- **Innovative Touch Screen:** Easy tap and swipe gestures for intuitive control and adjustments. Features OCR full-fit technology for high-strength, scratch-resistant glass.
- **Lightweight and Slim Design:** Weighing only 235g, ideal for mounting on DSLR cameras or gimbal stabilizers.
- **3D LUT Color Calibration:** Supports S-log2/3, V-log, Log-C, etc., for converting log mode to REC709. User 3D LUT cubes can be uploaded via SD card.
- **4K HDMI Input/Output:** Provides 4K HDMI in and loop-out without delay, allowing simultaneous display on multiple monitors.
- **Real-time Camera Charging:** Features an 8.4V DC output to power your DSLR or mirrorless camera, extending operational time.
- **Dual-purpose Battery Plate:** Compatible with NP-F970 and LP-E6 lithium batteries.
- **Advanced Monitoring Tools:** Includes Histogram, False Colors, Zebra Exposure, Peaking Focus Assist, Center

Marker, Safety Marker, Ratio Marker, Scan Mode, Zoom, Anamorphic Mode, Pixel to Pixel, Check Field, Image Flip, Image Freeze, and Color Temperature.

(Information derived from product feature bullets and A+ content)

4. Setup Guide

4.1 Powering the Monitor

The F6 Plus can be powered using either a DC 12V power adapter or compatible NP-F970/LP-E6 batteries.

1. **Using DC Power:** Connect a 12V DC power adapter to the "DC IN 12V" port on the side of the monitor.
2. **Using Batteries:** Insert a charged NP-F970 or LP-E6 battery into the battery plate on the rear of the monitor. Ensure the battery clicks securely into place.



Figure 4.1: The FEELWORLD F6 Plus features a new dual battery plate system, allowing direct attachment of Sony F series or Canon LP-E6 batteries.

4.2 Mounting the Monitor

The included tilt arm allows for flexible mounting options:

1. Attach the tilt arm to the cold shoe mount on your camera or camera rig.
2. Secure the monitor to the 1/4-inch screw on the tilt arm. Adjust the angle as needed. The tilt arm also features an additional cold shoe mount for other accessories.



Figure 4.2: The FEELWORLD F6 Plus monitor mounted on a camera using the included tilt arm, providing flexible viewing angles.

4.3 Connecting to a Camera (HDMI)

Connect your camera to the monitor using an HDMI cable:

1. Connect one end of the HDMI cable (Micro HDMI or Mini HDMI, depending on your camera) to your camera's HDMI output port.
2. Connect the other end of the HDMI cable to the "HDMI IN" port on the FEELWORLD F6 Plus monitor.
3. If you need to loop out the signal to another monitor, connect an HDMI cable from the "HDMI OUT" port on the F6 Plus to the input of the second monitor.



Figure 4.3: Close-up view of the FEELWORLD F6 Plus's HDMI In, HDMI Out, DC Out 8V, SD Card Slot, DC In 12V, and 3.5mm Ear Phone Slot.

4.4 Real-time Camera Charging

The F6 Plus can power your camera directly:

1. Ensure the monitor is powered by a battery or DC input.
2. Connect a dummy battery adapter power cable (not included) from your camera's battery compartment to the "DC OUT 8V" port on the monitor. This will provide power to your camera.



Figure 4.4: The FEELWORLD F6 Plus connected to a camera via a dummy battery adapter, illustrating its real-time camera charging capability.

5. Operating Instructions

5.1 Basic Operation

- **Power On/Off:** Press and hold the power button located on the side of the monitor.
- **Touch Screen Control:** The F6 Plus features a responsive touch screen.
  - Double-click the screen to access the main menu.
  - Slide up from the bottom of the screen to reveal the popup menu for quick settings.
  - Use tap and swipe gestures to navigate menus and adjust settings.



Figure 5.1: Illustration of the FEELWORLD F6 Plus's touch screen interface, showing how to double-click for the main menu and slide up for the popup menu.

5.2 Advanced Monitoring Functions

The F6 Plus offers a suite of professional monitoring tools:

- **Histogram:** Displays the tonal distribution of your image.
- **False Colors:** Helps in setting exposure by displaying different exposure levels as distinct colors.
- **Zebra Exposure:** Highlights overexposed areas with zebra stripes.
- **Peaking Focus Assist:** Highlights in-focus areas with a selectable color (Red, Green, Blue, White, Yellow) and adjustable peaking level (1-10).
- **Markers:** Includes Center Marker, Safety Marker, and Ratio Marker (16:9, 16:10, 4:3, 1.85:1, 2.35:1) with selectable colors.
- **Scan Mode:** Options for Under Scan and Over Scan.
- **Zoom:** Magnify the image from 100% to 300%.

- **Anamorphic Mode:** Supports various de-squeeze ratios (1.25x, 1.33x, 1.5x, 2.0x, 2.0x mag).
- **Pixel to Pixel:** Displays the image at its native resolution.
- **Check Field:** Displays Red, Green, Blue, or Gray fields for color calibration.
- **Image Flip:** Horizontal (H), Vertical (V), or Horizontal/Vertical (H/V) flip. The monitor automatically flips horizontally in selfie mode.
- **Image Freeze:** Freezes the current frame.
- **Color Temperature:** Adjusts the color temperature of the display.

(Information derived from A+ content)

5.3 3D LUT Functionality

The F6 Plus supports 3D LUTs for accurate color calibration and real-time preview:

- **Loading LUTs:** User creative 3D LUT cube or calibration 3D LUT cube files (.cube format) can be uploaded to the F6 Plus via the SD card slot.
- **Application:** Apply LUTs to convert log footage (S-log2/3, V-log, Log-C, etc.) to REC709 for accurate monitoring during shooting.



Figure 5.2: The FEELWORLD F6 Plus displaying a split screen with LUT OFF and LUT ON, demonstrating the 3D LUT color calibration feature.



Figure 5.3: The SD card slot on the FEELWORLD F6 Plus, used for custom 3D LUT uploads and firmware upgrades.

5.4 Audio Monitoring

The monitor includes a 3.5mm stereo headphone jack for audio monitoring. An on-screen audio meter can also be displayed.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor's exterior. For the screen, use a microfiber cloth specifically designed for electronics displays. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures. Use the included sunshade or a protective case to prevent scratches to the screen.
- **Battery Care:** If using rechargeable batteries, follow the manufacturer's guidelines for charging and storage to prolong battery life. Remove batteries if the monitor will not be used for an extended period.
- **Firmware Updates:** Periodically check the FEELWORLD official website for new firmware updates. Firmware can be updated via the SD card slot. Always follow the update instructions carefully to avoid damaging the device.

7. Troubleshooting

This section addresses common issues you might encounter with your FEELWORLD F6 Plus monitor.

7.1 "No Signal" Displayed on Monitor

- **Check HDMI Cable:** Try using a different HDMI cable to rule out a faulty cable.
- **Test Monitor with Another Source:** Connect the monitor to a different HDMI source, such as a computer, to verify if the monitor itself is receiving a signal.
- **Camera Output Settings:** Ensure your camera's HDMI output settings are correctly configured and compatible with the monitor's input signal. Some cameras may require specific settings adjustments.
- **Camera Device Control:** For some cameras, you may need to disable "Device control" in the camera's HDMI settings. (e.g., Menu -> Setup menu -> HDMI -> Device control -> Off).

7.2 Noise During Recording

- **Adjust Monitor Volume:** Long press the "<" button on the monitor to decrease the volume to near zero. This can help avoid noise during recording if the monitor's audio output is interfering.

7.3 Focus Peak or Other Information Displayed Over Image

- **Disable HDMI Information Display:** In the monitor's menu system, navigate to "HDMI Settings" and turn off "HDMI Information Display". This will prevent on-screen display elements from being shown when features like focus peaking are active.

(Information derived from A+ content troubleshooting section)

8. Specifications

Feature	Specification
Screen Size	5.5 inches
Resolution	1920x1080 (Full HD)
Pixels Per Inch (PPI)	400 PPI
Viewing Angle	160° IPS
Brightness	500 nits (typical)
Contrast Ratio	1000:1
Color Calibration	Rec.709 Standard, Built-in 3D LUT
HDMI Input/Output	4K HDMI In/Loop-out (3840x2160p @30/29.97/25/24/23.98Hz, 4096x2160p @24Hz)
Audio Output	3.5mm Stereo Headphone Jack
Power Input	DC 12V
Power Output	DC 8.4V (for camera power)
Battery Compatibility	NP-F970, LP-E6 (Dual-purpose plate)
Dimensions	7.28 x 5.04 x 3.43 inches (Package Dimensions)

Feature	Specification
Weight	1.44 pounds (Item Weight)
Construction	Aluminum Metal Frame (Durable Construction)

(Information derived from product specifications and feature bullets)



Figure 8.1: The FEELWORLD F6 Plus monitor, showcasing its compact design and various ports for connectivity.

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official FEELWORLD website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: FEELWORLD

Model Number: FEELWORLD F6 Plus

Date First Available: July 16, 2019

For additional support and resources, visit the FEELWORLD Store on Amazon.

10. Product Videos

Below are product videos demonstrating features and usage of the FEELWORLD F6 Plus monitor.

10.1 FEELWORLD F6 Plus Overview

Your browser does not support the video tag.

This video provides a comprehensive overview of the FEELWORLD F6 Plus monitor, highlighting its key features, design, and functionality. It demonstrates the touch screen interface, various monitoring tools, and connectivity options.

10.2 FEELWORLD F6 Plus Features Demonstration

Your browser does not support the video tag.

This video showcases specific features of the FEELWORLD F6 Plus, such as False Color for exposure analysis and Focus Assist for precise manual focusing. It illustrates how these tools can enhance your video production workflow.

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