

NEEWER FW568

Neewer FW568 5.5-Inch Camera Field Monitor User Manual

Model: FW568 | Brand: NEEWER

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Neewer FW568 5.5-inch Camera Field Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. Keep this manual for future reference.

2. PRODUCT OVERVIEW

Key Features

- **Display:** 5.5-inch Full HD 1920x1080 IPS screen.
- **Brightness:** 450nit high brightness.
- **Pixel Density:** 403 PPI.
- **Contrast Ratio:** 1000:1.
- **Viewing Angle:** 178° wide viewing angle.
- **Input/Output:** 4K HDMI input and loop-out, DC input/output, USB upgrade port, 3.5mm earphone slot.
- **Video Assist Functions:** Focus Peaking, False Color, Zebra Exposure, Histogram, Zoom-in, Pixel-to-Pixel, Image Flip, Aspect Ratio, Scan Mode, Embedded Audio, Check Field, Noise Reduction, Image Freeze.
- **Mounting:** Includes a cold shoe mounted tilt arm for 360° rotation.
- **Power:** Compatible with NP-F550/F970 batteries (not included) or DC power input.



Figure 2.1: Neewer FW568 Monitor Display and Key Specifications. The monitor features a 5.5-inch diagonal screen, 450nit high brightness, 403 PPI pixel density, 1000:1 contrast ratio, and a 178-degree IPS wide viewing angle for accurate color reproduction.

Package Contents

- Neewer FW568 5.5-inch Camera Field Monitor
- Cold Shoe Mounted Tilt Arm
- HDMI Micro Cable
- HDMI Mini Cable
- Sun Shade

Accessories



FW568



HDMI Micro Cable



HDMI Mini



Sun Shade



Tilt Arm

Figure 2.2: Accessories included with the NeeWER FW568 monitor. This image shows the monitor itself along with the HDMI Micro Cable, HDMI Mini Cable, Sun Shade, and Tilt Arm.

3. SETUP

3.1 Mounting the Monitor

1. Attach the cold shoe mounted tilt arm to your camera's hot shoe or a compatible mounting point on your camera rig.
2. Secure the monitor to the tilt arm. The tilt arm allows for 360° rotation, providing flexible viewing angles.

REVOLUTIONARY FEATURES



Figure 3.1: Convenient Mounting. The FW568 monitor includes a cold shoe mounted Tilt Arm, allowing for 360° rotation for optimal viewing angles. It also provides mounting points for additional accessories like LED lights or microphones.

3.2 Connecting to Camera

1. Identify the HDMI output port on your camera and the HDMI input port on the FW568 monitor.
2. Use the appropriate HDMI cable (Micro HDMI or Mini HDMI, included) to connect your camera to the monitor's HDMI IN port.
3. For monitoring on an additional display, use another HDMI cable to connect the monitor's HDMI OUT port to the secondary display.



Figure 3.2: 4K HDMI Input/Loop-out. The monitor features HDMI IN and HDMI OUT ports, supporting 4K UHD 3840x2160p (30/25/24Hz) and 4096x2160p (24Hz) signals, allowing connection to various 4K cameras and simultaneous monitoring.

3.3 Powering the Monitor

The FW568 monitor can be powered by either a DC power adapter (not included) or compatible NP-F series batteries (not included).

- **DC Power:** Connect a compatible DC power adapter to the 'DC IN' port.

- **Battery Power:** Insert a charged NP-F550 or NP-F970 battery into the battery plate on the back of the monitor.

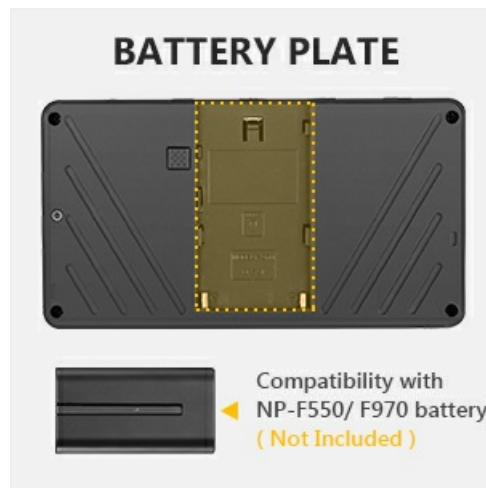


Figure 3.3: Battery Plate. The monitor is compatible with NP-F550/F970 batteries (not included), providing long-time working conditions for filmmakers.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** Press and hold the power button located on the top of the monitor.
- **Menu Navigation:** Use the directional buttons (Up, Down, Left, Right) and the 'Menu' button to navigate through the monitor's settings and functions.

4.2 Advanced Features

The FW568 monitor offers various video assist functions to enhance your shooting experience:

- **Focus Peaking:** Highlights in-focus areas with a selectable color (e.g., red, green, blue) to aid in achieving sharp focus.
- **False Color:** Displays different exposure levels as distinct colors, helping to identify overexposed or underexposed areas.
- **Zebra Exposure:** Overlays zebra stripes on areas exceeding a set exposure threshold, indicating potential overexposure.
- **Histogram:** Provides a graphical representation of the tonal distribution in your image, assisting with exposure control.
- **Zoom-in:** Magnifies a portion of the image for critical focus checks.
- **Pixel-to-Pixel:** Displays the image at its native resolution without scaling, allowing for precise detail inspection.
- **Image Flip:** Flips the image horizontally or vertically, useful for various mounting orientations.
- **Aspect Ratio:** Adjusts the display aspect ratio to match your shooting requirements.
- **Embedded Audio:** Displays audio levels on the screen for monitoring sound input.

Accurately Expose and Focus Every Shot

Not only display, but help make video image analysis, let your video shooting become easy
- Note: ONLY HD Monitor FW568 is included. -



Figure 4.1: Accurately Expose and Focus Every Shot. The monitor not only displays but also helps make video image analysis easy with features such as Histogram, Camera mode, False Colors, Aspect Ratio, Scan Mode, Embedded Audio, Pixel-to-Pixel, Check Field, Image Flip, Noise Reduction, Image Freeze, and Zoom-in.

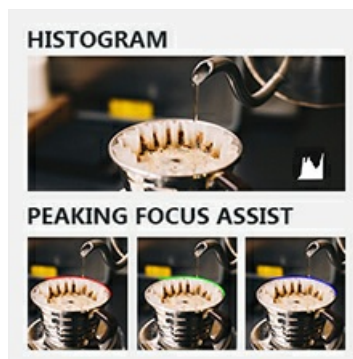


Figure 4.2: Histogram and Peaking Focus Assist. These tools help users achieve optimal exposure and sharp focus.



Figure 4.3: False Colors. This mode helps in evaluating exposure by representing different luminance values with distinct colors.

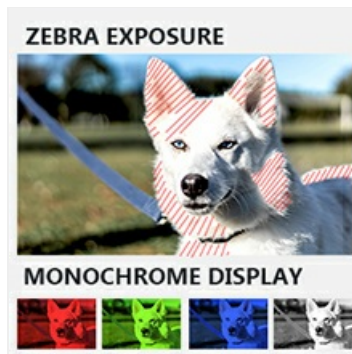


Figure 4.4: Zebra Exposure. This feature indicates overexposed areas with zebra stripes, while Monochrome Display offers various color channels for analysis.



Figure 4.5: Embedded Audio. This feature allows real-time monitoring of audio levels directly on the screen.

4.3 Using the Sun Shade

Attach the included sun shade to the monitor to reduce glare and improve visibility in bright outdoor conditions.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and body. For stubborn smudges, a slightly damp cloth with a mild cleaning solution suitable for electronics can be used. Avoid abrasive materials or harsh chemicals.
- **Storage:** When not in use, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent damage.
- **Battery Care:** If using batteries, ensure they are fully charged before use and removed from the monitor during prolonged storage to prevent discharge or damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor does not power on.	Low or uncharged battery; power cable not connected properly.	Ensure battery is charged or replace with a fresh one. Check DC power connection.
No image displayed.	HDMI cable loose or incorrect port; camera not outputting signal.	Verify HDMI cable connection to 'HDMI IN' port. Check camera's HDMI output settings.
Image is distorted or incorrect colors.	Incorrect display settings; faulty HDMI cable.	Reset monitor display settings to default. Try a different HDMI cable.
Monitor gets warm during use.	Normal operation.	This is normal for electronic devices. Ensure adequate ventilation.

7. SPECIFICATIONS

Feature	Detail
Model Name	FW568
Screen Size	5.5 Inches
Display Type	IPS LCD
Resolution	1920x1080 Full HD
Brightness	450nit
Contrast Ratio	1000:1
Viewing Angle	178°
Video Input	HDMI (supports 4K UHD 3840x2160p, 4096x2160p)
Video Output	HDMI
Power Input	DC IN
Power Output	DC OUT
Battery Compatibility	NP-F550/F970 (not included)
Item Weight	0.39 Pounds (approx. 177g)
Manufacturer Part Number	10095102

8. OFFICIAL PRODUCT VIDEO

Video 8.1: Neewer FW568 5.5-Inch Camera Field Monitor 1920x1080 IPS. This video provides an overview of the Neewer FW568 monitor's features and capabilities, demonstrating its use in various filming scenarios.

9. WARRANTY AND SUPPORT

The Neewer FW568 Camera Field Monitor comes with a limited warranty. For detailed warranty information, product support, or service inquiries, please refer to the official NEEWER website or contact their customer service directly. Keep

your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Neewer

Website: [Visit the NEEWER Store](#)