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› NEEWER F100 7-inch Camera Field Monitor User Manual

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NEEWER F100 7-inch Camera Field Monitor User Manual

Model: F100

1. INTRODUCTION

The NEEWER F100 7-inch Camera Field Monitor is designed to provide high-quality video assistance for DSLR cameras, camcorders, handheld stabilizers, and film video making rigs. It features a 7-inch IPS display with 1280x800 resolution, offering a clear and wide viewing angle for accurate monitoring during production.



Image 1.1: NEEWER F100 7-inch Camera Field Monitor and its accessories, including sunshade, ball head, and various HDMI cables.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Neewer F100 Field Monitor
- Mini HDMI Cable
- Micro HDMI Cable
- Sunshade
- Mini Ball Head
- AV Cable
- User Manual

3. PRODUCT OVERVIEW

The F100 monitor features a 7-inch IPS panel with a 1280x800 resolution, 450 nits brightness, and a 1200:1 contrast ratio. Its thin design (17mm) and lightweight construction (13 ounces) make it suitable for various

setups. It includes HDMI and AV inputs, an earphone port, and a USB upgrade port. Control buttons are located on the front panel for easy access to settings and functions.



Image 3.1: Front and side view of the monitor detailing dimensions (6.92in/17.6cm width, 5.1in/13cm height, 0.66in/1.7cm thickness) and port labels (USB upgrade, OSD Controller, Earphone, AV Signal, HDMI Signal, Power supply).



Accurate Restoration

Accurately view and capture every detail

7.0 Inches

Large screen field of view

1280×800

Ultra high resolution

450cd/m²

High brightness

IPS 160°

IPS display adopts advanced technology that can bring you a 160°/160° ultra-wide viewing angle, bringing you extremely colorful and clear images.

Can provide clear picture monitoring for multiple crew members at the same time.



160°

Image 3.2: The monitor's 7.0-inch IPS display offers 1280x800 resolution, 450cd/m² brightness, and a 160° ultra-wide viewing angle for clear and colorful images.



Image 3.3: Rear view of the monitor highlighting the ventilation design for heat dissipation.

4. SETUP

- Mounting:** Attach the included mini ball head to the monitor's 1/4" screw hole at the bottom. Secure the ball head to your camera's hot shoe or a compatible rig. Adjust the angle using the monitor fixation knob and angle adjustment knob.
- Power Connection:** The monitor requires a compatible battery (NP-F series, not included) or a DC 12V power source. Insert a charged NP-F series battery (e.g., NP-F550, NP-F750/770 recommended for longer life) into the battery slot on the back of the monitor.
- Camera Connection:**
 - For cameras with Mini HDMI output, use the provided Mini HDMI cable.
 - For cameras with Micro HDMI output, use the provided Micro HDMI cable.
 - Connect the appropriate HDMI cable from your camera to the HDMI input port on the monitor.
 - Alternatively, use the AV cable for devices with AV output.
- Sunshade Attachment:** Slide the sunshade onto the monitor to reduce glare and improve visibility in bright outdoor conditions.

Professional Accessories

Easy installation, making shooting easier



Ball head adapter

- 1 1/4" Screw
- 2 Monitor fixation knob
- 3 Angle adjustment knob
- 4 Camera fastening knob
- 5 Cold shoe mount



360° Rotation

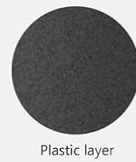
Able to freely adjust the angle according to different shooting environments.

Note: The DSLR is not included.

Sunshade

Different materials are used on both sides to effectively eliminate glare and flying dust.

Note: The DSLR is not included.



Plastic layer



Flannel layer



Image 4.1: Details of the ball head adapter (1/4" screw, monitor fixation knob, angle adjustment knob, camera fastening knob, cold shoe mount) and the sunshade construction (plastic and flannel layers).

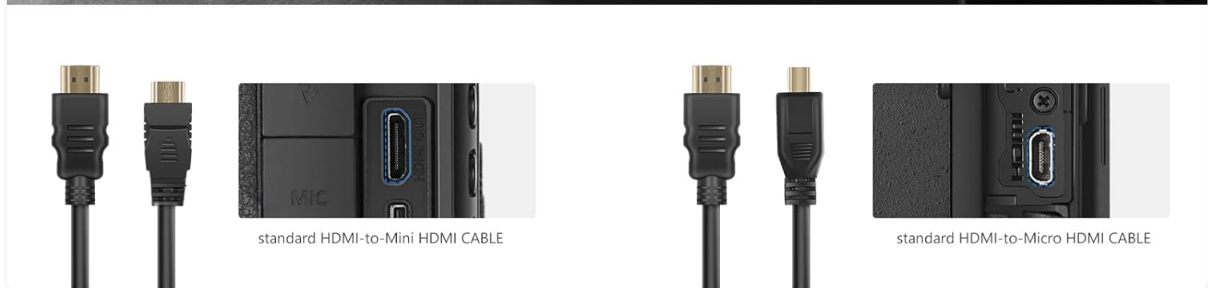


Image 4.2: The monitor features an HDMI input supporting various resolutions (480i/p, 576i/p, 720p, 1080i/p). Examples of standard HDMI to Mini HDMI and Micro HDMI cables are shown.

5. OPERATING INSTRUCTIONS

- 1. Power On/Off:** Press the power button (marked with a circle and vertical line) to turn the monitor on or off.
- 2. Menu Navigation:**
 - Press the "MENU" button to access the on-screen display (OSD) menu.
 - Use the "<" and ">" buttons to navigate through menu options and adjust values.
 - The F1/F2/F3/F4 buttons can be customized for quick access to frequently used functions.
- 3. Image Adjustments:** Within the menu, adjust settings such as:
 - **Picture Mode:** Standard, Mild, User, Dynamic.
 - **Brightness, Contrast, Saturation, Sharpness.**
 - **Color Temperature:** Warm, Cool, User.
- 4. Advanced Monitoring Tools:** Access these features via the menu or custom function buttons:

- **Peaking Focus Assist:** Highlights sharp edges to aid in manual focusing.
- **Check Field:** Displays Red, Green, Blue, or Mono channels for color calibration.
- **Pixel to Pixel:** Displays the image at its native resolution without scaling.
- **Center Marker:** Places a crosshair in the center of the screen.
- **Safe Frames:** Displays various aspect ratio guides (80%, 86%, 90%, 93%, 96%, 2.35:1).
- **Image Flip:** Flips the image horizontally (H), vertically (V), or both (V_H).
- **Image Freeze:** Pauses the current video frame.

5. **Audio Control:** Press and hold the "<" button to reduce volume and eliminate potential audio noise.

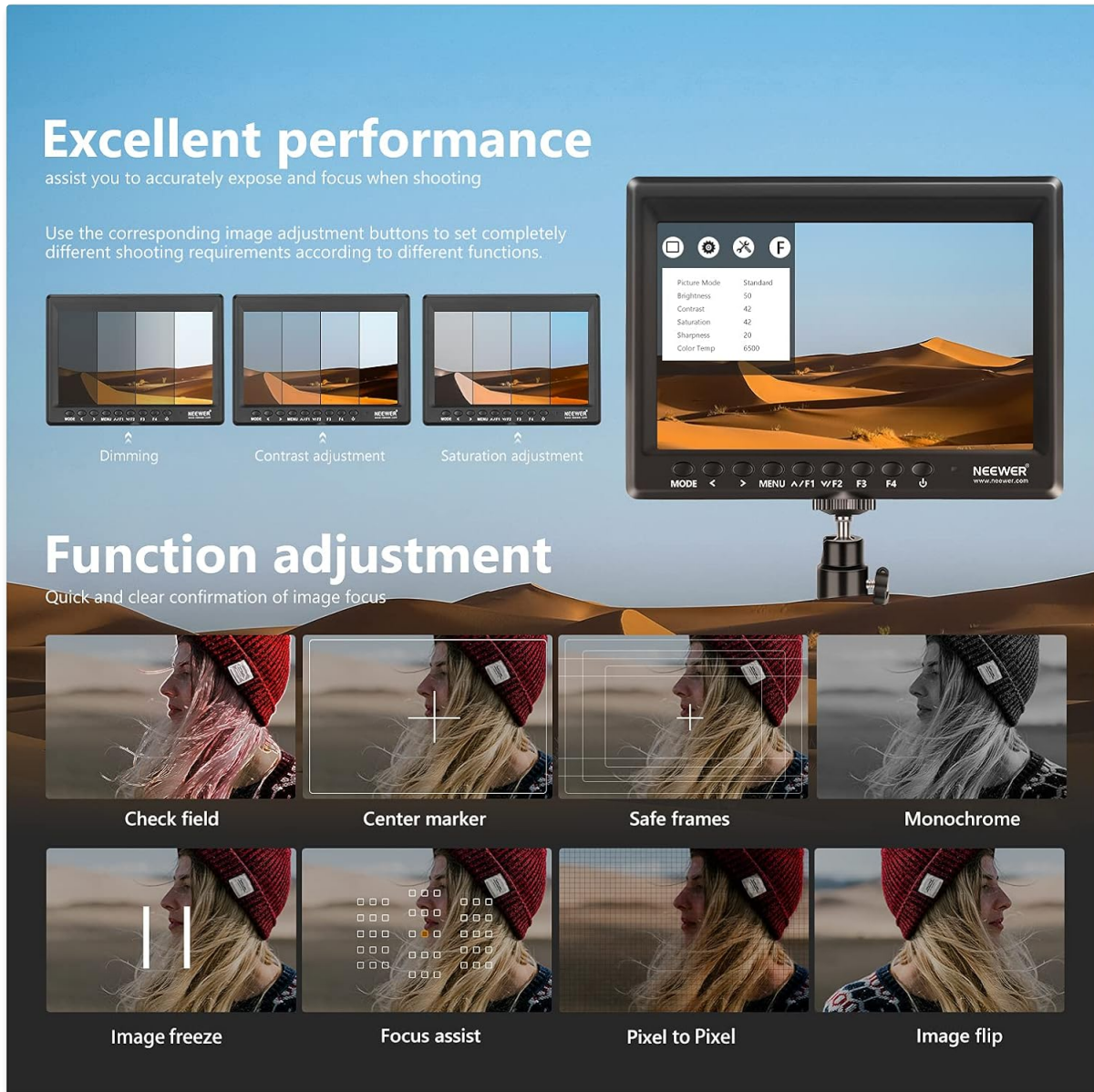


Image 5.1: Examples of image adjustments (dimming, contrast, saturation) and function adjustments (Check field, Center marker, Safe frames, Monochrome, Image freeze, Focus assist, Pixel to Pixel, Image flip).

6. COMPATIBILITY

The monitor supports a wide range of video formats via HDMI input:

- 1080i (60/59.94/50)
- 1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)
- 720p (60/59.94/50/30/29/25/24/23.98)

- 576i, 576p, 480i, 480p

Great Compatibility

The standard 1/4 " screw hole at the bottom can make it compatible with different types of equipment, brackets, tripod head etc.

Note: Only the camera monitor is included.



1/4 " Screw hole



Camera cage



Handheld stabilizer



Camera Rig Crane

Image 6.1: The monitor features a standard 1/4" screw hole for compatibility with various equipment such as camera cages, handheld stabilizers, and camera rig cranes.



Image 6.2: The monitor is suitable for a wide range of applications, including general video shooting and filming promotional content.

7. MAINTENANCE

- Clean the screen with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the monitor dry and away from extreme temperatures.
- Ensure proper ventilation by not blocking the vents on the back of the unit.

8. TROUBLESHOOTING

- **Monitor not turning off completely / Battery drain:** Some users report a red light staying on even after pressing the power button, leading to battery drain. It is recommended to remove the battery from the monitor when not in use for extended periods.
- **Loud audio feedback:** If connecting to a camera, ensure both the camera's audio output volume and the monitor's volume are reduced or muted before connecting to prevent sudden loud feedback. Adjust volume levels gradually.
- **HDMI connection issues:** If the monitor does not display video, check that the HDMI cable is securely connected at both the camera and monitor ends. Ensure the correct input source is selected on the monitor. If issues persist, try a different HDMI cable.
- **Wobbly cold shoe mount:** If the included cold shoe mount feels unstable, consider replacing it with a more robust third-party mount for increased stability.

9. SPECIFICATIONS

Feature	Detail
Screen Size	7 Inches

Resolution	1280 x 800 (HD)
Aspect Ratio	16:10
Panel Type	IPS
Brightness	450 cd/m ²
Contrast Ratio	1200:1
Viewing Angle	160°
Input Ports	HDMI, AV
Output Ports	Earphone
Power Input	DC 12V, NP-F Battery Plate
Product Dimensions	8.86 x 2.56 x 7.6 inches
Item Weight	13 ounces

10. WARRANTY AND SUPPORT

For warranty information, technical support, and additional product resources, please visit the official NEEWER website:

[neewer.com](https://www.neewer.com)