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› FEELWORLD P6XL 6 inch Camera Field DSLR Monitor Instruction Manual

FEELWORLD P6XL-OF-JP

FEELWORLD P6XL 6-inch Camera Field DSLR Monitor

Instruction Manual

Model: P6XL-OF-JP | Brand: FEELWORLD

1. INTRODUCTION

The FEELWORLD P6XL is a compact and lightweight 6-inch camera field monitor designed for professional videographers and photographers. It features a high-brightness 1200nit touchscreen, a built-in rechargeable battery, and a rugged aluminum housing, making it suitable for various shooting environments, including bright outdoor conditions. This manual provides detailed instructions on setting up, operating, and maintaining your P6XL monitor to ensure optimal performance.



Image: The FEELWORLD P6XL monitor in use, showcasing its display quality and monitoring features.

2. WHAT'S IN THE BOX

Please check the package contents upon opening to ensure all items are present and undamaged:

- 1 × FEELWORLD P6XL Monitor
- 1 × Power Adapter
- 1 × USB-A to USB-C Cable
- 1 × A-A HDMI Cable
- 1 × Micro HDMI Cable
- 1 × Mini Hot Shoe Mount + Hex Wrench
- 1 × USB-A to USB-C Adapter
- 1 × Sunshade + Frame
- 1 × Cable Management Tie
- 1 × User Manual

PACKAGE INCLUDE



Micro HDMI Cable



HDMI Cable



USB-A to USB-C Cable



Monitor



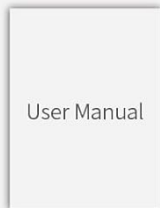
Cable Management Tie



Mini Hot Shoe Mount
Hex Wrench



Sunshade Frame



User Manual



Sunshade



USB-A to USB-C Adapter



Power Adapter

Image: All included accessories and the P6XL monitor as packaged.

3. KEY FEATURES

- **Built-in Battery & Lightweight Design:** The P6XL features a built-in 3000mAh rechargeable battery, offering up to 2 hours of runtime. Weighing only 332g, its ultra-portable design is ideal for handheld shooting and travel videography. The robust aluminum housing ensures durability.

BUILT-IN RECHARGEABLE BATTERY AND RUGGED ALUMINIUM HOUSING

Running Time

2Hours



Charing Time

2Hours



Built-in 3000mAh battery

3000mAh



Image: Details on the P6XL's built-in battery and durable aluminum construction.

- **1200nit High Brightness Touchscreen:** Equipped with a 6-inch touchscreen boasting a remarkable 1200nit brightness, the monitor ensures clear visibility even under direct sunlight. This allows for accurate monitoring in various lighting conditions.

1200NIT DAYLIGHT VIEWABLE

No fear of strong light in outdoor shooting, clear picture display.

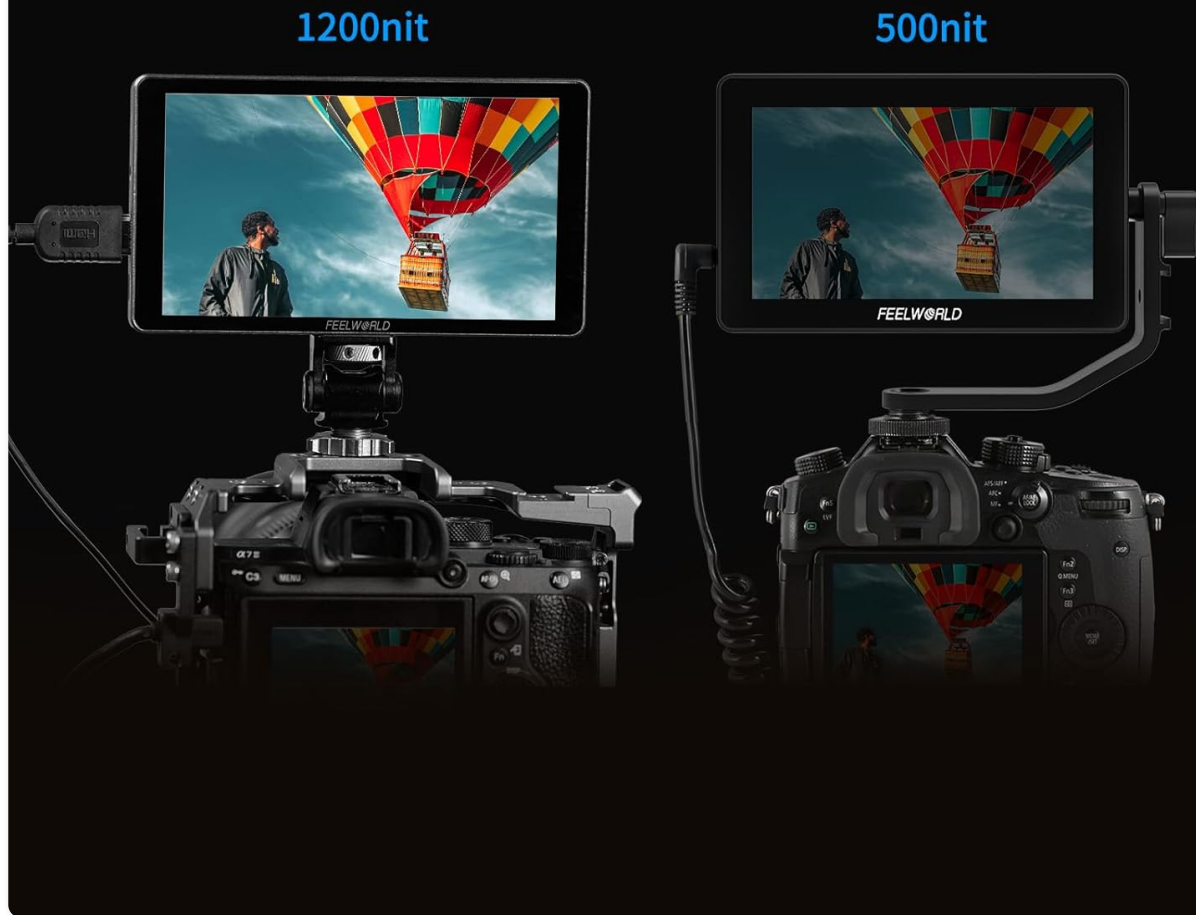


Image: Visual comparison demonstrating the P6XL's 1200nit daylight viewable screen.

- **4K HDMI Input:** The P6XL DSLR monitor features a 4K HDMI input, supporting signals up to 2160p/30p, ensuring compatibility with modern DSLR cameras.



Image: The 4K HDMI input port on the P6XL monitor.

- **Professional Monitoring Functions:** Includes advanced features such as 3D LUT support (up to 32 custom LUTs), HDR monitoring, Waveform, Histogram, Vector Scope, False Colors, Peaking Filter, Embedded Audio, Screen Marker, Image Flip, Image Freeze, and Anamorphic Mode for precise exposure and focus.



Image: Overview of the professional monitoring functions available on the P6XL.

- **Screenshot and Image Overlay:** Supports capturing screenshots and saving them to a USB flash drive. You can also import custom images (JPG, max 1920x1080) for semi-transparent image superposition, allowing comparison with real-time video.
- **Multiple Language Support:** Built-in support for 11 languages, catering to diverse international shooting crews.
- **Detachable Integrated Lens Hood:** Provides protection against strong light, improving visibility in bright conditions.
- **Thermal Design:** Features a CNC machined aluminum alloy housing and a built-in adjustable fan for efficient heat dissipation. The fan defaults to ON with 3 modes.

4. SETUP

4.1 Charging the Monitor

The P6XL monitor comes with a built-in 3000mAh battery. To charge:

1. Connect the provided USB-A to USB-C cable to the monitor's Type-C power supply/charging interface (located on the

bottom).

2. Connect the other end of the USB-A cable to the power adapter and plug it into a wall outlet.
3. The indicator light will show charging status. A full charge takes approximately 2 hours. Note that the display may show 100% while charging, but it is fully charged when the indicator light turns green.



1. **Resolve:** Issue where the device could not be charged to 100% and lost power.
2. **Issue:** The issue may have been caused by incompatibility between the user's power adapter protocol and the P6XL, resulting in the device not being able to charge fully.
3. **Measures:** All current inventory is equipped with compatible power adapters to resolve to not charge to 100%

Image: Charging instructions and battery specifications for the P6XL.

4.2 Mounting the Monitor

Use the included Mini Hot Shoe Mount to attach the monitor to your camera or camera rig:

1. Attach the Mini Hot Shoe Mount to your camera's hot shoe or a compatible mounting point.
2. Secure the P6XL monitor to the mount using the 1/4" screw thread located on the bottom of the monitor.
3. Adjust the viewing angle using the mount's articulation. The quick-release collapsible hood can be attached to the monitor for glare reduction.



Requirements:

The LUT file must have a suffix of .cube, not exceed 7.9 MB in size, and support LUT-3D sizes of 16, 17, 32, 33, 64, or 65. Additionally, the file name must consist solely of English or Arabic numerals.

Load luts method:

1. Make sure USB flash driver insert to adapter and connect with the TYPE-C interface of monitor
2. Enter main menu -LUT-Lut Import - Confirm to load.
3. If there is valid lut file in USB flash driver, the monitor will load lut files and then the screen will show "complete[n]."

How to empty the imported LUTs

Insert a empty USB flash driver to the monitor, enter main menu LUT-Lut Import - Confirm, the imported LUTs will be clear up.

Image: Mounting the P6XL monitor and attaching the sunshade.

4.3 Connecting to a Camera

Connect your camera to the P6XL monitor using the appropriate HDMI cable:

1. Identify the HDMI output port on your camera.
2. Use the provided A-A HDMI Cable or Micro HDMI Cable (depending on your camera's port type) to connect your camera's HDMI output to the HDMI IN port on the left side of the P6XL monitor.
3. Ensure both connections are secure.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **Power On:** Long press the Power button (located on the top left side) to turn on the monitor.
- **Power Off:** Long press the Power button again to turn off the monitor.

5.2 Touchscreen Control

The P6XL features an intuitive touchscreen interface for easy navigation and control:

- **Main Menu:** Tap the screen to bring up the main menu.
- **Exit Menu:** Swipe down from the top of the screen or tap outside the menu area to exit.
- **Volume:** Swipe left or right on the screen to adjust volume.
- **Backlight:** Swipe up or down on the screen to adjust backlight brightness.
- **Zoom In/Out:** Pinch in or out with two fingers to zoom the image.
- **Short Press Touch:** A short press on the screen can also be used to turn the monitor ON/OFF.



Image: Touchscreen control gestures for the P6XL.

5.3 Advanced Monitoring Features

The P6XL offers a suite of advanced tools to assist with exposure, focusing, and composition:

- **3D LUT:** Load up to 32 custom 3D LUTs for real-time color grading previews.
- **Waveform, Histogram, Vector Scope:** Visual aids for analyzing video signals and ensuring proper exposure and color balance.
- **False Colors & Peaking Filter:** Tools for accurate exposure and focus assistance.
- **HDR Monitoring:** Provides a more accurate representation of real-world visual effects.



Image: HDR monitoring capabilities of the P6XL.

5.4 How to Load 3D LUTs

To load custom 3D LUTs onto your P6XL monitor:

1. Ensure your LUT file has a .cube suffix, does not exceed 7.9 MB in size, and supports LUT-3D sizes of 16, 17, 32, 33, 64, or 65. The filename must consist solely of English or Arabic numerals.
2. Insert a USB flash drive containing your LUT files into the USB-A to USB-C Adapter, then connect the adapter to the Type-C upgrade interface on the monitor.
3. Enter the main menu on the monitor, navigate to "LUT-LUT Import", and confirm to load.
4. If valid LUT files are found on the USB drive, the monitor will load them, and the screen will display "complete".

To empty the imported LUTs, insert an empty USB flash drive, enter the main menu, navigate to "LUT-LUT Import", and confirm. The imported LUTs will be cleared.

Supports upload
32 custom LUTs

↑
3D LUTs



CUSTOMIZE 3D-LUT

Supports up to load 32 custom LUTs, preview filming look in field shooting, convenient to post-production.

Image: Steps for loading custom 3D LUTs onto the P6XL monitor.

6. MAINTENANCE

To ensure the longevity and optimal performance of your FEELWORLD P6XL monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the monitor's screen and body. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid 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 original packaging or a protective case to prevent dust and scratches.
- **Heat Management:** The P6XL has a built-in cooling fan. Ensure the fan vents are not obstructed during operation to allow for proper heat dissipation.

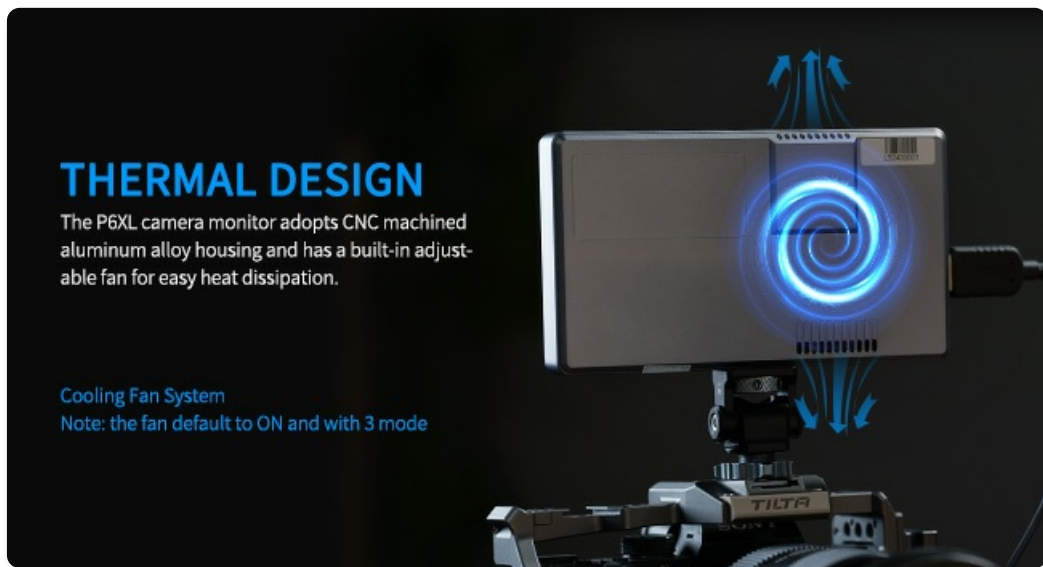


Image: Thermal design and cooling fan system of the P6XL.

- **Battery Care:** For long-term storage, it is recommended to charge the battery to about 50% every three months to maintain battery health.

7. TROUBLESHOOTING

If you encounter issues with your FEELWORLD P6XL monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Monitor does not power on.	Low battery; Power button not pressed long enough.	Charge the monitor fully. Long press the Power button for 3-5 seconds.
No signal displayed.	Incorrect HDMI connection; Camera output settings; Cable issue.	Ensure HDMI cable is securely connected. Check camera's HDMI output settings (resolution, frame rate). Try a different HDMI cable.
Screen is too dim/bright.	Brightness settings.	Swipe up/down on the touchscreen to adjust backlight brightness.
Touchscreen unresponsive.	Temporary software glitch; Screen protector interference.	Restart the monitor. Ensure screen is clean. If using a screen protector, ensure it is properly applied or remove it for testing.
Battery indicator fluctuates during recording.	Power adapter incompatibility (older units); Battery calibration.	Ensure you are using the correct power adapter. Fully charge and discharge the battery a few times to recalibrate. (Note: Newer inventory is equipped with compatible power adapters to resolve this issue.)
Fan noise is too loud.	Fan speed setting; Obstructed vents.	Adjust fan speed settings in the menu. Ensure vents are clear of dust and obstructions.

If the problem persists after trying these solutions, please contact FEELWORLD customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Display Size	6 inches
Brightness	1200nit
Resolution	1920x1080 (Full HD)
Contrast Ratio	1000:1
Viewing Angle	160°
Input	4K HDMI (supports up to 2160p/30p)
Battery Type	Built-in 3000mAh rechargeable battery
Runtime (Full Charge)	Up to 2 hours (at 100% brightness, 5-speed fan)
Charging Time	Approx. 2 hours
Power Input	Type-C 9V/2A
Dimensions (L x W x H)	5.45 x 3.32 x 0.86 inches (13.84 x 8.43 x 2.18 cm)
Weight	7.1 ounces (200 grams)
Housing Material	Aluminum Alloy

9. WARRANTY AND SUPPORT

FEELWORLD provides a 1-year official warranty for the P6XL monitor. US local after-sales support is available for assistance with product inquiries, technical issues, or warranty claims.


For detailed warranty terms and to contact support, please visit the official FEELWORLD website or refer to the contact information provided in your product packaging.

FEELWORLD

The Brand You Can Trust

 **Innovators and Manufacturers**
Established in 2011
Creative Video Technology, Film and
Live Streaming

 **14 Years of Technology**
Dedicated to Technology and Quality

 **Comprehensive Product Line**
Camera Monitor, Broadcast Monitor


 **Official Warranty**
1 Year Warranty, US local after-sales support

Image: FEELWORLD brand commitment to quality and support.