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> Osee G7 7-inch Ultra-Bright Field HDR Monitor Instruction Manual

osee G7

Osee G7 7-inch Ultra-Bright Field HDR Monitor Instruction Manual

Model: G7

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Osee G7 7-inch Ultra-Bright Field HDR Monitor. Please read these instructions thoroughly before operating the device to ensure optimal performance and longevity. Keep this manual for future reference.

2. PRODUCT FEATURES

2.1 Ultra-Bright Screen with Excellent Image Quality

The Osee G7 features a 3000 nits ultra-bright display, minimizing the need for a sun hood in strong daylight conditions. It offers a 1920x1200 Full HD resolution, a 1200:1 contrast ratio, and supports 16.77 million colors for sharp and accurate image reproduction. Each G7 monitor is factory-calibrated, and software controls are available for user adjustments.

Ultra Bright Screen with Excellent Image Quality

With the super 3000 nits brightness, you may not even need sun hood when shooting under strong daylight. Plus all G7 monitors are calibrated before shipping and have full manual calibration controls built in software for user adjustment.



7
Inch



3000
Nits



1920x1200
Resolution



Contrast
1200:1



16.7
Million



160°
Viewing
Angle



Image: Osee G7 monitor showcasing its bright display and image analysis tools.

2.2 Accurate Video Assisting Tools

The G7 includes a comprehensive suite of video assisting tools to aid in framing, exposure, focus, and audio monitoring. These tools include Waveform, False Color, Focus Assist, Histogram, Auto Rotate, and Anamorphic de-squeeze. It also features built-in SDR and HDR LUTs for real-time LOG preview, with support for custom LUTs via SD card.

Accurate Video Assisting Tools

G7 has a full set of image assisting tools to help you nailing framing, exposure, focus and audio. It also supports realtime LUT preview for shooting LOG, you can add your favorite custom LUT via SD card.



Built-in 3D LUTs



False Color



Focus Assist



Anamorphic



Image Re-size



Upload LUTs by SD Card

Image: Visual representation of the Osee G7's video assisting features and SD card slot.

2.3 Portability and Sturdiness

Weighing only 438g (without battery), the 7-inch G7 monitor is designed for portability without compromising detail viewing. Its construction includes a built-in aluminum sheet and metal screw holes, ensuring robustness for various on-set environments. The kit includes a protective hard case for safe transport.



Image: Osee G7 internal structure and included hard case.

2.4 Flexible Power Solution

The G7 offers versatile power options, featuring both a Sony NP-F battery slot and a DC input port. The included kit provides an AC to DC power adapter, a V-mount battery plate, and a D-tap to lockable pole DC cable, allowing power from small/large capacity batteries or AC sources.

Flexible Power Solution

G7 has both Sony NP-F battery slot and DC in port, with the AC to DC power adaptor, v-mount battery plate and D-tap to lockable pole DC cable, you can power G7 through small/large capacity battery and AC power.

V-mount Plate Point

Battery Slot

DC In

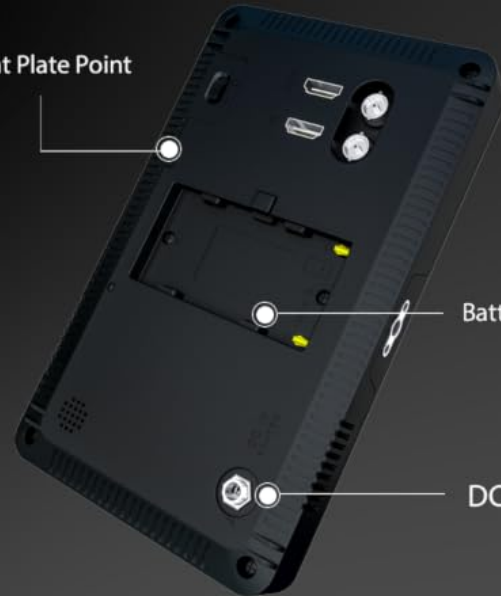


Image: Osee G7 rear panel showing power input options.

2.5 Convenient and Clean Operation

The G7's scene style UI allows users to configure up to 8 scenes, each containing different tools tailored for specific monitoring situations. Once preset, operation involves simply switching between scenes. Navigation is managed via a single joystick, promoting a clean screen interface without constant fingerprint wiping.

Convenient and Clean Operation

G7's scene style UI allows user building up to 8 scenes containing different tools for various monitoring situation, after presetting these scenes, all you need to do on set is switching scenes. G7 uses one single joystick to navigate through menus, so you will have a clean screen, no need to constantly wiping fingerprints anymore.



Image: Osee G7 in various operational scenarios.

3. SETUP

3.1 Unpacking and Inspection

Carefully unpack all components from the hard case. Verify that all items listed in the product packaging are present and undamaged. If any items are missing or damaged, contact customer support immediately.

3.2 Powering the Monitor

The Osee G7 can be powered using one of the following methods:

- **NP-F Battery:** Insert a compatible Sony NP-F series battery into the battery slot on the rear of the monitor. Ensure it clicks into place securely.
- **V-Mount Battery:** Attach the included V-mount battery plate to the monitor. Connect a V-mount battery to the plate.
- **DC Power:** Connect the AC to DC power adapter or the D-tap to lockable pole DC cable to the DC IN port (11-17V) on the monitor.



Image: Rear panel of the Osee G7 monitor with power and input/output ports.

3.3 Mounting the Monitor

Use the included screw articulating arm trestle to mount the monitor to your camera rig or other support. Ensure the monitor is securely fastened to prevent accidental detachment during operation.



Image: Osee G7 mounted on a gimbal.

3.4 Connecting Video Sources

Connect your camera or video source to the monitor using either the HDMI IN or 3G SDI IN ports. The monitor also features HDMI OUT and 3G SDI OUT ports for looping signals to other devices.

4. OPERATING

4.1 Basic Controls

The Osee G7 is primarily controlled using a single joystick located on the side of the monitor. This joystick allows for navigation through menus and selection of options.

- **Press:** Confirm selection or enter a menu.
- **Push Up/Down/Left/Right:** Navigate through menu options or adjust values.



Image: Side profile of the Osee G7, highlighting the joystick control.

4.2 Menu Navigation

To access the main menu, press the joystick. Use the joystick to scroll through categories such as Display Settings, Input/Output, Tools, and System Settings. Press the joystick again to enter a sub-menu or confirm a setting.

4.3 Using Video Assist Features

The G7 offers various tools to assist with video production:

- **Waveform/Histogram:** Provides visual representation of luminance and color levels for exposure analysis.
- **False Color:** Helps identify exposure levels by displaying different colors for specific IRE values.
- **Focus Assist/Peaking:** Highlights in-focus areas to aid in critical focusing.
- **LUTs (Look Up Tables):** Apply custom or built-in LUTs for real-time color grading preview. Custom LUTs can be loaded via an SD card.
- **Anamorphic De-squeeze:** Corrects the aspect ratio of anamorphic footage for proper viewing.

4.4 Scene Style UI

The Scene Style UI allows you to save up to 8 customized configurations of tools and settings. This enables quick switching between different monitoring setups for various shooting scenarios. To configure a scene, adjust your desired settings and tools, then save them to a scene slot. To recall a scene, navigate to the Scene menu and select the desired preset.

5. MAINTENANCE

5.1 Cleaning the Monitor

To clean the screen, use a soft, lint-free cloth specifically designed for electronics. For stubborn smudges, lightly dampen the cloth with a screen cleaning solution. Avoid using harsh chemicals or abrasive materials. For the monitor body, wipe with a dry or slightly damp soft cloth.

5.2 Battery Care

Always use compatible batteries. Store batteries in a cool, dry place and avoid extreme temperatures. If the monitor will not be used for an extended period, remove the batteries.

5.3 Firmware Updates

Periodically check the Osee official website for available firmware updates. Firmware updates can improve performance, add new features, or resolve issues. Follow the instructions provided with the firmware update package carefully.

5.4 Storage

When not in use, store the Osee G7 monitor in its protective hard case to shield it from dust, moisture, and physical damage. Store in a cool, dry environment.

6. TROUBLESHOOTING

If you encounter issues with your Osee G7 monitor, refer to the following common troubleshooting steps:

- **No Power:** Ensure the battery is charged and correctly inserted, or that the DC power adapter is securely connected and receiving power.
- **No Signal:** Verify that the video source (camera) is turned on and outputting a signal. Check that the HDMI or SDI cable is securely connected to both the source and the monitor's input port. Ensure the correct input source is selected in the monitor's menu.
- **Image Distortion/Incorrect Colors:** Check cable connections. Reset monitor settings to factory defaults. Ensure no incorrect LUTs are applied.
- **Monitor Overheating:** Ensure proper ventilation around the monitor. Reduce screen brightness if operating in high ambient temperatures. The monitor has an adjustable fan speed based on temperature.
- **Controls Unresponsive:** Power cycle the monitor (turn off and on). If the joystick is intermittently unresponsive, contact customer support.

If the problem persists after attempting these steps, please contact Osee customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
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Model Number	G7
Screen Size	7 inches
Resolution	1920 x 1200
Brightness	3000 nits
Contrast Ratio	1200:1
Input Voltage	DC 11-17V
Power Consumption	<18W (typical)
Video Inputs	HDMI IN, 3G SDI IN
Video Outputs	HDMI OUT, 3G SDI OUT
Battery Compatibility	Sony NP-F series (V-mount plate included)
Dimensions	19.2 x 4.2 x 11.6 cm
Weight	438g (monitor body only)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Osee website. Keep your purchase receipt as proof of purchase for warranty claims. Osee is committed to providing support for its products.