

SMALLRIG 4903

SMALLRIG S1R II / S1 II Cage Kit 4903 Instruction Manual

For Panasonic LUMIX S1 II / S1 IIE / S1R II Cameras

1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your SMALLRIG S1R II / S1 II Cage Kit 4903. This kit is designed to enhance the functionality and protection of your Panasonic LUMIX S1 II, S1 IIE, or S1R II camera, offering multiple accessory mounting points and improved handling.

2. PACKAGE CONTENTS

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

- Cage × 1
- Cable Clamp for HDMI & USB-C × 1
- Top Handle × 1
- Operating Instruction × 1
- Guarantee Card × 1

Please note

1.The cage in the kit is compatible with LUMIX S5 II / S5 IIX / G9 II cameras, but the Cable Clamp for HDMI & USB-C is only compatible with LUMIX S1R II.

2.The cage is compatible with Panasonic DMW-XLR1 / XLR2, but the top handle in the kit is not. If you need to use DMW-XLR1 / XLR2, we recommend you to use [SmallRig Top Handle for Sony XLR-K1M / K2M / K3M and for Panasonic DMW-XLR1 / XLR2 3082. Please remove the cable clamp on the bottom of the XLR before using the 3082.

Figure 2.1: Included components of the Cage Kit 4903.

A magnetic wrench is included for convenient disassembly and assembly of the components.

3. SETUP AND INSTALLATION

Follow these steps to properly install the cage kit onto your camera:

1. **Prepare the Camera:** Ensure your camera is powered off. If your camera has side lock adapters, remove them before installing the cage.
2. **Attach the Cage:** Position the camera within the cage. Secure the camera using the one bottom 1/4"-20 screw and the two side lock adapters. The cage features rubber pads to prevent scratching the camera body.



Figure 3.1: Three-Point Locking System for camera stability.

3. **Install the Top Handle:** Attach the top handle to the designated mounting points on the cage. This handle is ergonomically designed for comfortable grip during low-angle shooting and provides additional expansion options.



Figure 3.2: Camera with cage and top handle installed.

4. **Attach the Cable Clamp:** Secure the cable clamp for HDMI & USB-C cables to the side of the cage using the thumbscrew. This clamp fixes both HDMI and USB-C cables simultaneously, ensuring stable

data transmission and preventing accidental disconnections. **Note:** The cable clamp is only compatible with LUMIX S1 II / S1 IIE / S1R II cameras.



Figure 3.3: Cable Clamp for HDMI & USB-C.

4. OPERATING INSTRUCTIONS

The SmallRig Cage Kit 4903 offers various features to enhance your camera setup:

- **Multiple Mounting Points:** The cage provides numerous accessory mounting points, including 1/4"-20 threaded holes, 3/8"-16 locating holes for ARRI accessories, cold shoe mounts, and a HawkLock H21 NATO rail. These allow for attachment of side handles (e.g., ID:3323, ID:4485), SSD holders (e.g., ID: BSH2343), microphones, LED video lights, monitors (e.g., Monitor Mount ID: 2903B), and other accessories.



Figure 4.1: Multiple Mounting Points on the cage.

- **Quick Switching between Horizontal and Vertical Shooting:** The top handle supports quick disassembly and reattachment, facilitating seamless transitions between horizontal and vertical shooting orientations.
- **Arca-Swiss Quick Release Plate:** The bottom of the cage features a built-in Arca-Swiss quick release plate, enabling rapid transitions between DJI RS series stabilizers (RS 2/ RSC 2 / RS 3 / RS 3 Pro / RS 4 / RS 4 Pro gimbals) and Arca-compatible tripods. It also includes a threaded hole for the Arca-Swiss Quick Release Plate (ID: 3154).



Figure 4.2: The cage kit supports multiple shooting scenarios.

5. MAINTENANCE

To ensure the longevity and optimal performance of your SmallRig Cage Kit, follow these maintenance guidelines:

- **Cleaning:** Wipe the cage and accessories with a soft, dry cloth to remove dust and fingerprints. For stubborn dirt, use a slightly damp cloth and dry immediately. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and connections to ensure they are tight. Use the magnetic wrench provided for tightening if necessary.
- **Storage:** Store the cage kit in a dry, clean environment away from extreme temperatures and direct sunlight when not in use.

6. TROUBLESHOOTING

If you encounter any issues with your SmallRig Cage Kit, consider the following:

- **Loose Connections:** If accessories feel unstable, ensure all screws, especially the main camera attachment screws and side lock adapters, are securely tightened.
- **Accessory Compatibility:** Verify that any third-party accessories are compatible with the mounting points (1/4"-20, 3/8"-16, cold shoe, NATO rail).
- **Cable Clamp Compatibility:** The cable clamp for HDMI & USB-C is specifically designed for LUMIX S1 II / S1 IIE / S1R II cameras. It may not fit other camera models, even if the cage itself is compatible.
- **XLR Unit Compatibility:** The cage is compatible with Panasonic DMW-XLR1 / XLR2, but the top handle included in this kit is not. If you intend to use DMW-XLR1 / XLR2, it is recommended to use a compatible top handle such as SmallRig Top Handle for Sony XLR-K1M / K2M / K3M and for Panasonic DMW-XLR1 / XLR2 3082. When using the 3082, remove the cable clamp on the bottom of the XLR unit.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.15 x 3.15 x 2.76 inches (80 x 80 x 70 mm)
Item Weight	1.34 ounces (38 Grams)
Model Number	4903
Manufacturer	SmallRig

Compatible Devices	Panasonic LUMIX S1 II, S1 IIE, S1R II, S5 II, S5 IIX, G9 II (Cage only)
Material	Aluminum Alloy, Stainless Steel, Silicone

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please visit the official SmallRig website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.