

SMALLRIG 4480

SmallRig Shoulder Rig Kit (Classic Version) User Manual

Model: 4480 | Brand: SMALLRIG

1. PRODUCT OVERVIEW

The SmallRig Shoulder Rig Kit (Classic Version) is engineered to provide a stable and comfortable platform for shoulder-mounted camera operation. It enhances shooting stability, reduces operator fatigue, and facilitates dynamic first-person perspective shots. Its modular design allows for flexible configurations to suit various filmmaking needs.



Image: SmallRig Universal Shoulder Rig Kit showcasing its core benefits.

2. WHAT'S IN THE BOX

Verify that all components listed below are included in your package:

- Handle × 2
- Mount Plate Kit with Dual 15mm Rod Clamp × 1
- Shoulder Pad × 1
- Back Pad × 1
- Handle Connector × 1
- 15mm Rod (400mm) × 2
- 15mm Rod (250mm) × 1



Image: All components of the SmallRig Shoulder Rig Kit as packaged.

3. SETUP AND INSTALLATION

Follow these steps to assemble your SmallRig Shoulder Rig Kit:

1. Attach the 15mm rods to the Mount Plate Kit. Ensure they are securely fastened using the integrated clamps.
2. Connect the two handles to the front 15mm rods using the handle connectors. Adjust their position for comfortable gripping.
3. Attach the shoulder pad and back pad to the rear section of the rig. These pads are designed for ergonomic comfort and stability on your shoulder.
4. Mount your DSLR or camcorder to the Arca-Swiss compatible plate on the Mount Plate Kit. Ensure the camera is firmly secured.
5. Adjust the position of the camera and handles along the rods to achieve optimal balance for your setup.

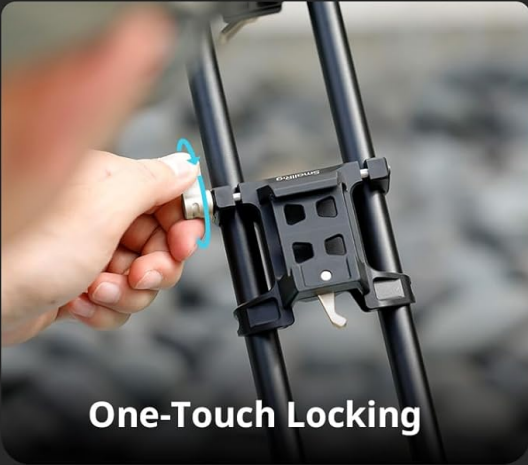
For a visual guide, please refer to the official installation video:

Video: Official SmallRig installation guide for the Shoulder Rig Kit.

Efficient Disassembly and Assembly



Modular Design for
Flexible Configurations



One-Touch Locking



Quick Release System
for Arca-Swiss

Image: Demonstrating the modular design and quick release system for efficient setup.

4. KEY FEATURES

- **Enhanced Stability and Comfort:** Designed to provide a comfortable solution for shoulder shooting, increasing stability and reducing tension during extended use. The shoulder pads and back support are made of highly elastic materials, conforming to shoulder curves for ergonomic comfort.
- **Adjustable Multi-Position Design:** Features a one-knob lockable multi-position design for quick disassembly, assembly, and adjustment of the center of gravity, offering flexibility and ease of use.
- **Ergonomic Handles:** The vertical angle of the handles is set at 15°, and they can be adjusted by 360° rotation, aligning with natural gripping habits for improved control.
- **Quick Release System for Arca-Swiss:** The mount plate kit with dual 15mm rod clamp incorporates an Arca-Swiss specification on the top, enabling rapid camera disassembly and quick switching between shoulder rig and tripod setups.
- **Expandable Accessory Compatibility:** Built-in 1/4"-20 threaded holes, 3/8"-16 threaded holes, and 1/4"-20 positioning holes allow for easy expansion with accessories such as magic arms,

quick release plates, and V-mount plates, enhancing versatility.

Upgraded Ergonomic Handle

Comfortable grip with 15° tilt and front and back adjustment to boost your creative grip



Image: Detail of the upgraded ergonomic handle for comfortable grip.

Product Details Display

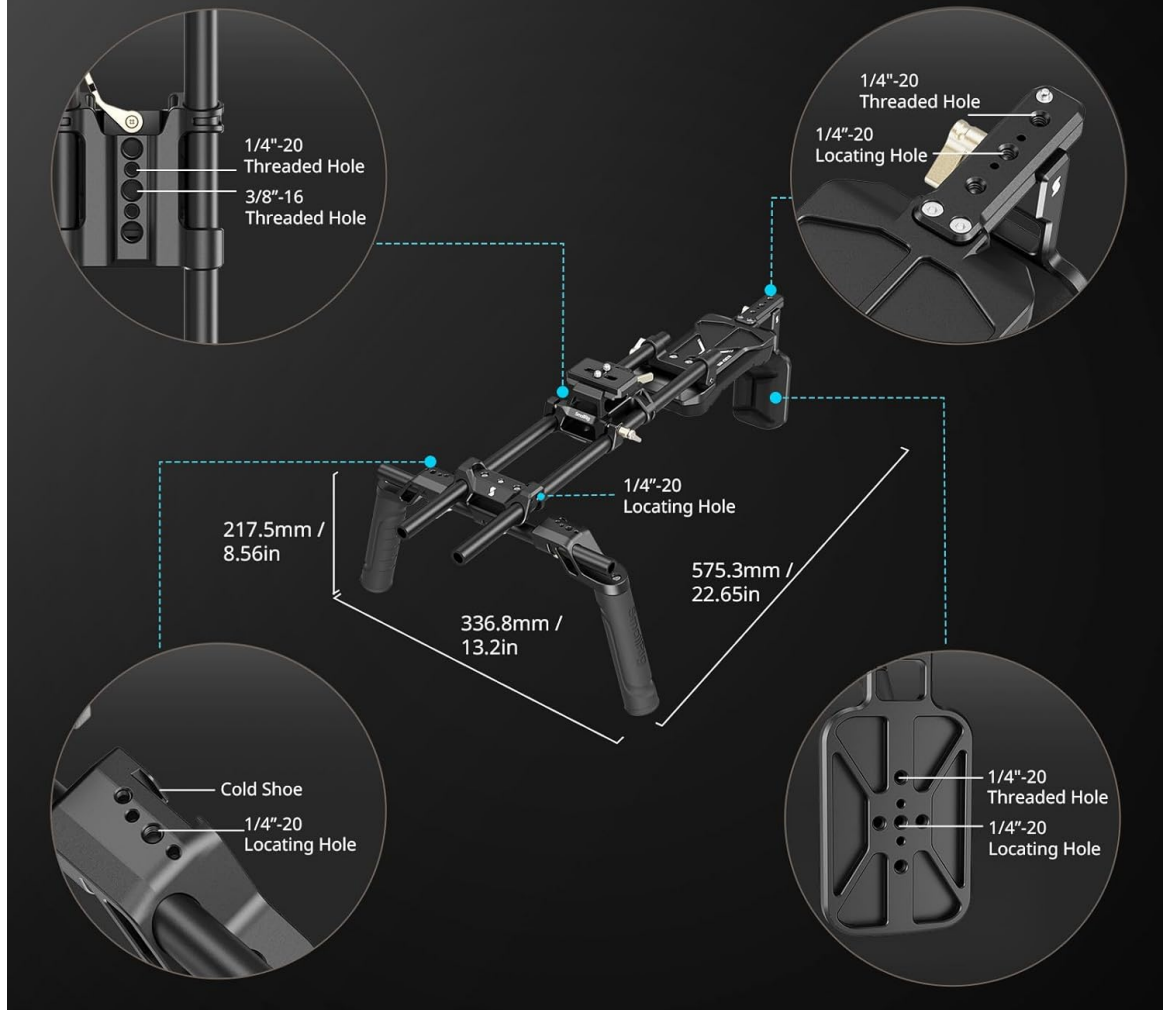


Image: Product details display, highlighting dimensions and accessory mounting points.

5. USAGE AND OPERATION

The SmallRig Shoulder Rig Kit is designed for a variety of shooting scenarios, providing stable and comfortable operation. Once assembled and balanced, hold the handles firmly and rest the shoulder pad comfortably on your shoulder. Adjust the camera's position on the Arca-Swiss plate to achieve optimal balance, which is crucial for reducing strain during long shoots.

Consider adding counterweights or a V-mount battery to the rear attachment points to further balance heavier camera setups, ensuring a neutral center of gravity.

Balanced Center of Gravity

Support add counterweights or use a V mount battery for power solution and balance



V Mount Battery
(ID: 4292 buy separately)

Image: Demonstrating how to achieve a balanced center of gravity with a V-mount battery.

This rig is suitable for diverse applications, including:

- Movie Filming
- Music Videos (MV)
- Interviews
- Commercials

Diverse Applications



Image: Examples of diverse applications for the shoulder rig.

6. MAINTENANCE

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

- **Cleaning:** Wipe down all metal and rubber components with a soft, dry cloth after each use to remove dust, dirt, and moisture. For stubborn grime, use a slightly damp cloth and dry thoroughly.
- **Lubrication:** Periodically check all moving parts and screw threads. Apply a small amount of silicone-based lubricant if any stiffness or squeaking is observed.
- **Storage:** Store the rig in a clean, dry environment, away from extreme temperatures and direct sunlight. If disassembling for storage, ensure all components are clean and dry.
- **Inspection:** Regularly inspect all screws, clamps, and connections for tightness. Re-tighten as necessary to prevent accidental loosening during operation. Check for any signs of wear or damage to the rods, pads, or handles.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SmallRig Shoulder Rig Kit.

Problem	Possible Cause	Solution
Rig feels unstable or wobbly.	Loose clamps or connections; improper balance.	Ensure all clamps (rod clamps, handle connectors) are securely tightened. Adjust camera and accessory positions to achieve a balanced center of gravity.
Handles are difficult to adjust or rotate.	Tightened too much; lack of lubrication.	Loosen the latch on the handle connector slightly. If still stiff, apply a small amount of silicone lubricant to the rotating mechanism.
Camera not securely attaching to the quick release plate.	Plate not fully inserted; locking lever not engaged.	Ensure the quick release plate is fully seated in the clamp. Push the locking lever until it clicks into place. Verify the camera screw is tight.
Shoulder pad feels uncomfortable.	Incorrect positioning; heavy camera setup without counterweight.	Adjust the shoulder pad's position along the rods for optimal comfort. Consider adding a V-mount battery or counterweight to the rear to balance the load.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	22.65 x 13.26 x 8.56 inches
Item Weight	2.98 pounds (47.6 Ounces)
Model Number	4480
ASIN	B0DLKSSFL4
Compatible Devices	Camera
Maximum Weight Recommendation	10 Kilograms
Manufacturer	SmallRig
Country of Origin	China
Date First Available	October 31, 2024

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SmallRig website or contact their customer

service directly. Keep your purchase receipt for any warranty claims.

SmallRig is committed to providing high-quality products and excellent customer service.