

FILMCITY FC-03

FILMCITY FC-03 DSLR Camera Cage Shoulder Rig Instruction Manual

Model: FC-03 | Brand: FILMCITY

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your FILMCITY FC-03 DSLR Camera Cage Shoulder Rig. This comprehensive kit is designed to enhance your filmmaking experience by providing stable camera support, precise focus control, and effective light management. Please read these instructions carefully before using the product.

2. PACKAGE CONTENTS

The FILMCITY FC-03 Shoulder Rig kit includes the following components:

- 2 x 300mm Male/Female threaded Rods
- 3 x 300mm Female threaded Rods
- 2 x 200mm Female threaded Rods
- 2 x 150mm Male/Female threaded Rods
- 2 x 100mm Male/Female threaded Rods
- 2 x Accessory Mounting Adapter
- MB-600 Matte Box (P-MB-600)
- Junction Rod Adapter
- 2 x 9" Cage Brackets
- HS-2 Follow Focus (HS-2)
- Z-Bracket
- 3x Wire Organizer Clamp
- Tripod Mounting Plate

3. PRODUCT FEATURES

The FILMCITY FC-03 Shoulder Rig offers a range of features designed for versatile camera operation:

- **Complete Kit:** Includes a convertible camera cage, 4x4 matte box, and follow focus system, along with 15mm LWS rods,

dual handgrips, a shoulder pad, top handle, and counterweight.

- **Shoulder Mount with Dual Handgrips:** Features a padded shoulder support and adjustable rubber handgrips for comfortable, slip-resistant handheld operation. A counterweight is included to balance the rig, offsetting front-mounted accessories.
- **Convertible Camera Cage:** The polyamide resin cage adjusts from 9 inches to 6 inches to accommodate various camera sizes. It includes multiple 1/4 inch-20 mounting threads for attaching accessories like monitors, microphones, or lights. A soft-grip top handle facilitates low-mode and overhead shots.
- **4x4 Matte Box (MB-600):** Designed to fit lenses up to 95mm, this matte box features two rotating 4x4 inch filter holders and a knocker for effective light blocking.
- **HS-2 Follow Focus:** Constructed from CNC aluminum, the HS-2 follow focus has an industry-standard 0.8mm pitch gear with a 43T drive, offering smooth and precise focus control. It features a right/left switchable drive for user convenience.

4. SETUP INSTRUCTIONS

Follow these steps to assemble your FILMCITY FC-03 Shoulder Rig:

1. **Assemble the Rod System:** Connect the various 15mm rods using the threaded ends and junction rod adapter to form the base frame for your rig.
2. **Attach the Camera Cage:** Secure the 9-6 inch convertible cage brackets to the rod system. Adjust the cage size to fit your camera. Mount your DSLR camera securely within the cage using the 1/4 inch-20 screw.
3. **Install Shoulder Pad and Handgrips:** Slide the padded shoulder support onto the rear rods. Attach the dual rubber handgrips to the front rods, ensuring they are positioned comfortably for your grip.
4. **Mount the Matte Box:** Attach the MB-600 Matte Box to the front of the rod system, aligning it with your camera lens. Adjust its height to match the lens center.
5. **Install the Follow Focus:** Secure the HS-2 Follow Focus to the rod system, positioning its gear to engage with your lens's focus ring. Ensure the drive is set to the desired side (right or left).
6. **Add Top Handle and Counterweight:** Attach the top handle to the camera cage for additional carrying options. Install the counterweight at the rear of the rig to balance the weight of the camera and front accessories.
7. **Secure All Connections:** Firmly tighten all knobs and clamps on the rig to ensure stability. Due to the polyamide resin construction of the cage, ensure all tightening points are adequately secured to prevent movement during operation.



Image: The fully assembled FILMCITY FC-03 DSLR Camera Cage Shoulder Rig, ready for use.

Video: An overview of the Filmcity Shoulder Mount Rig Kit (FC-03), demonstrating its components and basic assembly.

5. OPERATING INSTRUCTIONS

Proper operation of your shoulder rig components ensures optimal performance:

5.1 Using the MB-600 Matte Box

- **Adjusting Flags:** The matte box features adjustable top and side flags to block unwanted light and prevent lens flares. Position them carefully to frame your shot without vignetting.
- **Filter Holders:** Insert 4x4 inch filters into the two rotating filter holders. Rotate the holders to achieve desired effects, such as polarization or graduated density.

5.2 Using the HS-2 Follow Focus

- **Attaching to Lens:** Ensure the follow focus gear is properly aligned and engaged with the focus ring of your camera lens. If your lens does not have a geared focus ring, a compatible gear ring (not included) may be required.

- **Focus Pulls:** Use the large, textured knob to smoothly adjust the lens focus. The precise 0.8mm pitch gear allows for accurate and repeatable focus transitions.

5.3 Adjusting the Shoulder Rig for Balance

- **Shoulder Pad Position:** Adjust the shoulder pad along the rear rods to find a comfortable and balanced position on your shoulder.
- **Handgrip Angle:** Loosen the handgrip clamps, adjust the angle of the handgrips for ergonomic comfort, and then re-tighten securely.
- **Counterweight Adjustment:** The counterweight helps offset the front-heavy camera and accessories. Adjust its position on the rear rods to achieve optimal balance, reducing strain during extended handheld shoots.



Image: A filmmaker using the FILMCITY FC-03 Shoulder Rig for stable camera operation.

Video: Demonstration of the Filmcity Shoulder Rig Kit, including the matte box and follow focus in action.

6. MAINTENANCE

To ensure the longevity and optimal performance of your FILMCITY FC-03 Shoulder Rig, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe down all components with a soft, dry cloth to remove dust and debris. For stubborn grime, use a slightly damp cloth and dry thoroughly. Avoid harsh chemicals.
- **Check Connections:** Periodically inspect all screws, knobs, and clamps to ensure they are securely tightened. Loose connections can affect stability and performance.
- **Storage:** Store the rig in a clean, dry, and temperature-controlled environment when not in use. Disassemble if necessary for compact storage and to prevent stress on components.

7. TROUBLESHOOTING

If you encounter any issues with your FILMCITY FC-03 Shoulder Rig, refer to the following common solutions:

- **Rig Instability:** If the rig feels wobbly or unstable, re-check all connection points. Ensure all knobs, especially those on the camera cage and rod clamps, are tightened firmly. The polyamide resin cage requires secure tightening for maximum rigidity.
- **Follow Focus Not Engaging:** Verify that the follow focus gear is correctly positioned against the lens's focus ring. If the lens lacks a gear, an external gear ring is necessary for proper engagement. Ensure the follow focus unit itself is securely clamped to the rods.
- **Difficulty Balancing:** Adjust the position of the counterweight at the rear of the rig. Experiment with its placement along the rods to achieve a comfortable and stable balance, especially when using heavier lenses or accessories at the front.

8. SPECIFICATIONS

Feature	Detail
Construction	High-grade Plastic & Aluminum
Camera Compatibility	Universal (DSLR, Camcorder)
Support Type	Cage, Shoulder Support & Grip Type: Topside Handgrip, Dual Handgrips
Rod Standard	15 mm LWS / 60 mm Spacing
Camera Mounting	1/4" – 20 Screw
Tripod Mounting	Baseplate: 1/4"-20 Thread
Accessory Mounting	1/4"-20 Threads
Matte Box (MB-600) Construction	Aluminum, Metal & Industrial Plastic
Matte Box Lens Compatibility	Up to 95mm
Matte Box Filter Holders	Two 4x4" rotating holders
Follow Focus (HS-2) Construction	High-grade CNC Aluminum, MOD Drive Gears
Follow Focus Gear Pitch	0.8mm (43T)
Follow Focus Rail Distance	60 mm
Follow Focus Rail Diameter	15 mm
Product Weight (without Packaging)	5.5 kg (12.1 lbs)
Gross Weight (Including Packaging)	6.3 kg (13.9 lbs)
Product Dimensions (D x W x H)	9.65"D x 8.07"W x 4.53"H

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your FILMCITY FC-03 DSLR Camera Cage Shoulder Rig, please refer to the official FILMCITY website or contact your authorized retailer. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question