

Canon 5D Mark II

Canon EOS 5D Mark II Full Frame DSLR Camera Instruction Manual

Model: 5D Mark II | Brand: Canon

INTRODUCTION

This manual provides essential information for the safe and effective use of your Canon EOS 5D Mark II Full Frame DSLR Camera. The EOS 5D Mark II is a high-performance 21.1-megapixel camera featuring a full-frame CMOS sensor and advanced capabilities, including HD movie recording. It is designed for photographers seeking exceptional image quality and versatility across various photographic disciplines.

PRODUCT OVERVIEW

Key Features

- 21.1-megapixel full-frame CMOS sensor with 14-bit A/D conversion and wide ISO range (100-6400).
- DIGIC 4 Image Processor enabling high-performance 3.9 fps continuous shooting.
- Full HD video capture at 1920x1080 resolution, supporting clips up to 4GB.
- Live View Function for both stills and video recording.
- Updated EOS Integrated Cleaning System specifically designed for full-frame sensors.
- HDMI output for high-definition playback.

What's in the Box

- EOS 5D Mark II Body
- Eyecup Eb
- Wide Neck Strap EW-EOS5DMKII
- Stereo Video Cable STV-250N
- USB Interface Cable IFC-200U
- Battery Charger LC-E6
- Battery Pack LP-E6

- EOS Digital Solution Disk
- Software Instruction Manual

SETUP

Battery Installation

Insert the provided Battery Pack LP-E6 into the battery compartment located at the bottom of the camera. Ensure the battery is oriented correctly and locks into place. Charge the battery fully before first use using the Battery Charger LC-E6.



Image: Canon EOS 5D Mark II camera body shown with an attached battery grip, a separate battery pack, and the battery charger. This illustrates the power components of the camera system.

Memory Card Installation

Open the memory card slot cover. Insert a CompactFlash (CF) card into the slot with the correct orientation until it clicks into place. The camera supports Type I or II CF cards, including UDMA cards. Ensure the card is formatted in-camera before use to prevent data loss or errors.

Attaching a Lens

Align the red or white index mark on the lens with the corresponding mark on the camera's lens mount. Rotate the lens clockwise until it clicks into place. The EOS 5D Mark II uses Canon EF mount lenses. This product is sold as body only; lenses are sold separately.



Image: Front view of the Canon EOS 5D Mark II camera body, showcasing the EF lens mount without a lens attached. This view highlights the camera's robust construction and sensor area.

Initial Camera Settings

Upon first power-on, you may be prompted to set the date, time, and time zone. Navigate through the menu system using the rear controls and LCD screen to configure these basic settings. Refer to the included Software Instruction Manual for detailed guidance on initial setup and menu navigation.

OPERATING THE CAMERA

Basic Shooting Modes

The mode dial on the top of the camera allows selection of various shooting modes, including Program AE (P), Shutter-priority AE (Tv), Aperture-priority AE (Av), Manual (M), and Bulb (B). For beginners, Program AE offers automatic exposure control while allowing some user input. Creative Auto mode provides simplified control over creative variables.

Advanced Exposure Settings

Adjust ISO sensitivity (100-6400, expandable to 50, 12800, 25600), aperture, and shutter speed to control exposure and creative effects. The camera features a 9-point autofocus system with 6 additional invisible Assist AF points for precise focusing. Metering options include Multi, Center-weighted, and Spot metering.

Live View and Video Recording

Engage Live View mode to compose shots using the 3.0-inch VGA resolution LCD screen. From Live View, you can initiate Full HD (1920x1080) video recording at 30 frames per second. The camera supports continuous still capture

during video recording. Audio is captured via the built-in microphone, though external audio solutions are recommended for professional quality.

White Balance and Image Quality

Select appropriate white balance settings (e.g., Auto, Daylight, Shade, Tungsten, Custom) to ensure accurate color reproduction. Image quality can be set to RAW, sRAW1, sRAW2, JPEG (Fine), or combinations like RAW+JPEG. RAW files offer maximum flexibility for post-processing.

MAINTENANCE

Cleaning

Regularly clean the camera body with a soft, dry cloth. For the sensor, utilize the EOS Integrated Cleaning System or consult a professional service center for manual cleaning. Avoid touching the sensor directly. Keep lenses clean using a lens brush and cleaning solution designed for optical surfaces.

Battery Care

Store batteries in a cool, dry place. Avoid fully discharging lithium-ion batteries for extended periods. If storing the camera for a long time, remove the battery. The average battery life is approximately 850 photos.

Storage

When not in use, store the camera in a dry, dust-free environment, preferably in a camera bag or case. Protect it from extreme temperatures and humidity.

TROUBLESHOOTING

Common Issues

- **Camera not powering on:** Check if the battery is charged and correctly inserted.
- **Images are blurry:** Ensure the lens is properly attached, autofocus is engaged, and shutter speed is appropriate for the lighting conditions.
- **Memory card error:** Reformat the card in-camera (this will erase all data) or try a different compatible card.
- **Video recording stops unexpectedly:** Ensure you are using a high-speed CompactFlash card (Class 10 or UDMA recommended) and that there is sufficient space.

For more detailed troubleshooting, refer to the comprehensive Software Instruction Manual or Canon's official support resources.

SPECIFICATIONS

Feature	Detail
Brand	Canon
Model Name	2764B003
Photo Sensor Resolution	21.1 MP
Photo Sensor Size	Full Frame (35mm)
Photo Sensor Technology	CMOS

Feature	Detail
Compatible Mountings	Canon EF
Image Stabilization	Digital
Supported File Format	RAW, sRAWK1, SRAW2, JPEG, RAW+JPEG, sRAW1 +JPEG, SRAW2+JPEG, MOV
Expanded ISO Minimum	100
Expanded ISO Maximum	6400
Metering Description	Multi, Center-weighted, Spot
Screen Size	3 Inches
Display Type	LCD
Display Resolution Maximum	920,000 pixels
Flash Memory Type	Compact Flash (Type I or II), UDMA, Microdrive
Maximum Shutter Speed	1/8000 Seconds
Minimum Shutter Speed	30 seconds
Continuous Shooting	3.9 fps
Video Resolution	FHD 1080p
Connectivity Technology	HDMI, USB
Item Weight	860 Grams
Battery Average Life	850 Photos
Autofocus Points	9

WARRANTY AND SUPPORT

The Canon EOS 5D Mark II camera body comes with a **1-Year Canon U.S.A. Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical assistance, please contact Canon customer support or visit the official Canon website. Keep your proof of purchase for warranty validation.

For additional support, including software downloads, firmware updates, and detailed user guides, please visit the official Canon support page for the EOS 5D Mark II.