

Canon EOS 850D / Rebel T8i

Canon EOS 850D (Rebel T8i) DSLR Camera User Manual

Model: EOS 850D / Rebel T8i | Brand: Canon

INTRODUCTION

The Canon EOS 850D, also known as the Rebel T8i, is a versatile DSLR camera designed for both new users and those with advanced imaging needs. It features a 24.1MP APS-C-format CMOS sensor and a DIGIC 8 image processor, enabling high-resolution still photography and UHD 4K video recording. The camera offers a broad ISO sensitivity range of 100-25600, making it suitable for various lighting conditions. This manual provides comprehensive instructions for setting up, operating, and maintaining your camera and its accompanying accessories.

PACKAGE CONTENTS

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



Image: Overview of the Canon EOS 850D camera bundle, showing the camera body, various lenses, a backpack, memory cards, filters, a flash, and a tripod.

- Canon EOS 850D Body
- Canon EF-S 18-55mm f/4-5.6 IS STM Lens
- Canon EF 75-300mm f/4-5.6 III Lens
- 420-800mm f/8.3 HD Manual Super Zoom Telephoto Lens
- 2x SanDisk 64GB SD Memory Card (UHS-I / Class-10)
- 58mm 0.43x Wide Angle Lens Attachment
- 58mm 2.2x Telephoto Lens Attachment
- 58mm Ultra Violet (UV) Filter
- 58mm Circular Polarizer (CPL) Filter
- 58mm Fluorescent (FLD) Filter
- Digital Slave Flash with Bracket
- Full Size Quality Tripod
- Deluxe Photography Backpack
- High Speed Memory Card Reader
- Lens Cap Keeper

- Camera and Lens Cleaning Pen
- Camera & Lens Cleaning Kit
- Pack of LCD Screen Protectors
- 6 Slot Memory Card Wallet
- Eyecup Ef
- Camera strap EW-400D
- Battery Pack LP-E17
- Battery Charger LC-E17E
- Power cable for battery charger
- Lens Cap E-58 II
- Lens Dust Cap E

SETUP

1. Battery Installation and Charging

Insert the provided LP-E17 battery pack into the battery charger LC-E17E. Connect the charger to a power outlet using the power cable. The charging indicator light will show the charging status. Once fully charged, remove the battery and insert it into the camera's battery compartment, ensuring it clicks into place.

2. Memory Card Insertion

Open the memory card slot cover. Insert a SanDisk 64GB SD memory card into the slot with the label facing the correct direction until it clicks. Close the cover securely.

3. Lens Attachment

To attach a lens, align the red or white index mark on the lens with the corresponding mark on the camera body. Rotate the lens clockwise until it locks into place. To detach, press the lens release button and rotate the lens counter-clockwise.



Image: Front view of the Canon EOS 850D camera with the 18-55mm lens mounted and the vari-angle LCD screen rotated out.

4. Accessory Attachment

Attach the camera strap to the camera's strap lugs. For the tripod, screw the camera onto the tripod's mounting plate. For the Digital Slave Flash, attach it to the bracket and then to the camera's hot shoe or tripod mount as instructed in the flash section.

OPERATING THE CAMERA

1. Basic Controls

Power Switch: Located on the top of the camera.

Shutter Button: Press halfway to focus, press fully to take a picture.

Mode Dial: Rotate to select shooting modes like Program AE (P), Shutter-priority AE (Tv), Aperture-priority AE (Av), Manual (M), and various scene modes.



Image: Rear view of the Canon EOS 850D camera, displaying the LCD touchscreen and various control buttons for navigation and settings.

2. Focusing

The EOS 850D features 45-point all cross-type phase-detect AF and Dual Pixel CMOS AF with Eye Detection. For autofocus, half-press the shutter button. For manual focus, set the lens to MF and rotate the focus ring.

3. Exposure Settings

Adjust ISO (100-25600), aperture, and shutter speed using the camera's dials and buttons, or let the camera determine settings in automatic modes.

4. Video Recording

The camera supports UHD 4K24p video and vertical video. Switch to video mode on the mode dial and press

the record button to start/stop recording.

5. Wi-Fi and Bluetooth Connectivity

Use the built-in Wi-Fi and Bluetooth to connect to a smartphone or tablet via the Canon Camera Connect app for remote shooting, image transfer, and geotagging.

LENSES AND ACCESSORIES

Canon EF-S 18-55mm f/4-5.6 IS STM Lens

This compact and lightweight standard zoom lens offers quiet and quick autofocus, ideal for everyday photography. Its image stabilization helps reduce blur in various lighting conditions.

Canon EF 75-300mm f/4-5.6 III Lens

A versatile telephoto zoom lens suitable for distant subjects. It features an EF-Mount, Super Spectra Coating, and a 7-blade diaphragm for smooth bokeh.

420-800mm f/8.3 HD Manual Super Zoom Telephoto Lens

420-800mm f/8.3 HD Telephoto Zoom Lens

A versatile lens for photographing distant subjects, the 420-800mm f/8.3 HD Telephoto Zoom Lens features a convenient threaded T-mount for adapting to a wide variety of camera types. Its 4 elements, 2 groups optical design features a super HD multi-coating, and a lens hood is incorporated into the design, to suppress lens flare, ghosting, and surface reflections for increased contrast and color neutrality when working in strong lighting conditions. Manual focus operation is possible and a built-in rotating tripod mount enables sturdy mounting of the lens to a tripod or monopod as well as seamless switching between shooting orientations.



Image: The 420-800mm f/8.3 HD Telephoto Zoom Lens, shown with its T-mount adapter, designed for photographing distant

subjects.

This manual telephoto lens is designed for extreme zoom. It features a T-mount for adaptability, a super HD multi-coating to suppress flare, and a built-in rotating tripod mount for stable shooting.

2.2x Telephoto Converter Lens

2.2x Telephoto Converter Lens

BLUE PIXEL

The 2.2x telephoto converter virtually **DOUBLES** your camera's maximum focal length, bringing things twice as close. Ideal for all types of photographic situations. A 2.2x conversion lens can actually improve the image that your digital camera receives. By eliminating flare and ghosting, the ugly cousins of reflection and refraction, before they get to your camera's original lens system.



Without 2.2x Telephoto



With 2.2x Telephoto



Image: The 2.2x Telephoto Converter Lens, which doubles the camera's maximum focal length, shown with comparative images demonstrating its effect on distant subjects.

This converter lens effectively doubles your camera's maximum focal length, bringing distant subjects closer. It helps improve image quality by reducing flare and ghosting.

0.43x Wide Angle Lens w/Macro

0.43x Wide Angle Lens w/Macro **BLUEPIXEL**

Ever take a picture and couldn't fit the whole family in the picture? Wonder how professional photographers get an entire sports arena in a picture? Well not any more! Create beautiful images with this .43x Wide angle lens. The .43x lens will widen the image area view twice as much, giving you the opportunity to create great images without moving away from your subject.



Without 0.43x Wide Angle



With 0.43x Wide Angle



Image: The 0.43x Wide Angle Lens with Macro capability, designed to widen the image area, shown with comparative images illustrating its broader field of view.

This wide-angle lens expands your field of view, allowing you to capture more of the scene. It also includes a macro function for close-up photography.

Digital Slave Flash



Digital Slave Flash

Instructions to use:

The Slave Flash included comes with a bracket in its box. The bracket is screwed into the tripod mount found at the bottom of a camera. The flash is then mounted onto the bracket as shown above. No cable is required.

Pop up the in-built camera flash. The flash is activated by optical triggering that syncs it to the master flash (in-built camera flash). Once you have the flash in the slave mode and the in-built flash popped up you are ready to shoot.

Image: The Digital Slave Flash attached to a camera via its bracket, illustrating its setup for use.

The Slave Flash comes with a bracket and mounts to the tripod mount. It is optically triggered by your camera's built-in flash. Pop up your camera's flash, and the slave flash will fire in sync.

Full Size Quality Tripod

The included tripod provides stable support for your camera, essential for sharp images, especially with longer lenses or in low light. Ensure the camera is securely mounted before use.

Filter Kit (UV, CPL, FLD)

UV Filter: Protects the lens and reduces ultraviolet light.

CPL Filter: Reduces reflections and enhances color saturation.

FLD Filter: Corrects color balance under fluorescent lighting.

Deluxe Photography Backpack



Image: The Deluxe Photography Backpack, designed for carrying camera equipment, shown from various angles including its interior compartments.

This backpack is designed to safely store and transport your camera, lenses, and accessories. It features padded compartments for protection and comfortable carrying straps.

MAINTENANCE

1. Cleaning the Camera and Lenses

- Use the provided lens cleaning pen and cleaning kit to remove dust and smudges from lenses and the camera body.
- Never use abrasive materials or harsh chemicals.
- For the sensor, it is recommended to use a professional cleaning service or a specialized sensor cleaning kit with extreme care.

2. Battery Care

- Store batteries in a cool, dry place when not in use.

- Avoid fully discharging batteries frequently to prolong their lifespan.
- Charge batteries fully before extended storage.

3. Storage

When not in use, store the camera and lenses in the deluxe photography backpack or a dry, dust-free environment. Use lens caps and body caps to protect optical elements and the sensor.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not power on.	Battery is not charged or not inserted correctly. Ensure battery is charged and properly seated.
Images are blurry.	Check focus mode (AF/MF). Ensure sufficient light. Use image stabilization (IS) if available on the lens. Use a tripod for long exposures.
Memory card error.	Card may be full, corrupted, or incompatible. Try formatting the card (this will erase all data) or use a different card.
Flash not firing.	Ensure flash is enabled in camera settings. For slave flash, ensure camera's built-in flash is popped up and firing. Check flash battery.
Cannot connect to Wi-Fi/Bluetooth.	Ensure Wi-Fi/Bluetooth is enabled on both camera and smart device. Restart devices. Check Canon Camera Connect app for specific instructions.

SPECIFICATIONS

Feature	Detail
Model Name	EOS 850D / Rebel T8i
Photo Sensor Resolution	24.1 MP
Photo Sensor Size	APS-C
Image Processor	DIGIC 8
ISO Range	100-25600 (Expanded)
Video Resolution	UHD 4K24p, 1080p
Autofocus System	45-Point All Cross-Type Phase-Detect AF, Dual Pixel CMOS AF with Eye Detection
Continuous Shooting	Up to 7 fps
Display	3.0" 1.04m-Dot Vari-Angle Touchscreen LCD
Connectivity	Built-In Wi-Fi and Bluetooth, Micro USB, HDMI
Compatible Mountings	Canon EF, Canon EF-S

Feature	Detail
Memory Card Type	SD (UHS-I / Class-10)
Battery Type	Lithium Ion (LP-E17)
Dimensions (Approx.)	Refer to product documentation
Weight (Approx.)	Refer to product documentation

WARRANTY AND SUPPORT

This product comes with a 90-day limited warranty provided by the seller. For warranty claims or technical support, please contact the seller directly through your purchase platform. For additional resources and detailed product information, you may visit the official Canon support website.

Note: As this is a renewed product, warranty terms may differ from new products. Please refer to your purchase documentation for specific details.