Canon Canon EOS Rebel SL2

Canon EOS Rebel SL2 DSLR Camera with EF-S 18-55mm STM Lens Instruction Manual

Model: Canon EOS Rebel SL2
Brand: Canon

1. INTRODUCTION

The Canon EOS Rebel SL2 is a compact and versatile DSLR camera designed for both beginners and enthusiasts. It features a 24.2 Megapixel APS-C CMOS sensor, a DIGIC 7 Image Processor, and Dual Pixel CMOS AF for fast and accurate autofocus. With built-in Wi-Fi, NFC, and Bluetooth technology, sharing your photos and controlling your camera remotely is seamless. The vari-angle touchscreen LCD enhances usability for various shooting angles and video recording.

2. WHAT'S IN THE BOX

- Camera Body Only
- Eyecup Ef
- Camera Cover R-F-3
- Wide Strap EW-400D
- Battery Pack LP-E17 (with Battery Cover) (OTH)
- Battery Charger LC-E17
- EF-S18-55mm 1:4-5.6 IS STM (BK)
- Lens Cap E-58II
- Lens Dust Cap E
- Printed Matter Unit

3. KEY FEATURES

- **24.2 Megapixel CMOS (APS-C) Sensor:** Delivers high-resolution images with excellent detail.
- **Fast and Accurate Dual Pixel CMOS AF:** Provides smooth and precise autofocus for both stills and video.
- **Vari-Angle Touchscreen LCD:** A 3.0-inch high-resolution display that can be rotated for flexible shooting angles and supports touch operations.
- **Built-in Wi-Fi, NFC, and Bluetooth Technology:** Enables easy sharing of images and remote camera

control via compatible smart devices.

- **DIGIC 7 Image Processor:** Enhances image quality and performance, especially in low light.
- **Full HD 1080p Video Recording:** Capture smooth, detailed videos at up to 60 frames per second.
- **Optical Image Stabilization:** Reduces camera shake for sharper images and smoother videos, especially with the included EF-S 18-55mm STM lens.

4. SETUP

4.1. Charging the Battery

Insert the LP-E17 battery pack into the LC-E17 battery charger. Plug the charger into a power outlet. The charging indicator light will show the charging status. Once fully charged, the light will change or turn off.

4.2. Attaching the Lens

Align the red dot on the EF-S 18-55mm STM lens with the red dot on the camera body. Rotate the lens clockwise until it clicks into place. To remove, press the lens release button on the camera body and rotate the lens counter-clockwise.

Figure 1: Canon EOS Rebel SL2 DSLR Camera with EF-S 18-55mm STM Lens attached.

4.3. Inserting a Memory Card

Open the memory card slot cover. Insert an SD, SDHC, or SDXC memory card with the label facing the back of the camera until it clicks. Close the cover securely.

5. OPERATING THE CAMERA

5.1. Power On/Off

Locate the ON/OFF switch on the top right of the camera body. Slide it to the 'ON' position to power on the camera. Slide it to 'OFF' to power off.

Figure 2: Top view of the camera, highlighting the ON/OFF switch and mode dial.

5.2. Mode Dial

The mode dial on the top of the camera allows you to select various shooting modes:

- **Scene Intelligent Auto (A+):** Fully automatic mode for point-and-shoot simplicity.
- **Creative Auto (CA):** Offers creative control with simplified settings.
- **Special Scene Modes (SCN):** Includes specific settings for portraits, landscapes, sports, close-ups, and night scenes.
- **Creative Filters:** Apply various effects to your photos.
- **Program AE (P):** Automatic exposure with some manual control.
- **Shutter-Priority AE (Tv):** Control shutter speed, camera sets aperture.
- **Aperture-Priority AE (Av):** Control aperture, camera sets shutter speed.
- **Manual Exposure (M):** Full manual control over shutter speed and aperture.

5.3. Using the Touchscreen

The vari-angle touchscreen allows for intuitive control. You can tap to focus, adjust settings, and navigate menus. The screen can be flipped out and rotated for shooting from high, low, or front-facing angles.

Figure 3: The vari-angle touchscreen extended for flexible viewing.

6. PHOTOGRAPHY TIPS

To maximize the potential of your EOS Rebel SL2, experiment with different shooting modes and manual settings. Understanding concepts like ISO, aperture, and shutter speed will significantly improve your photography. The camera's built-in Feature Assistant can guide you through these settings.

- **ISO:** Adjust for light sensitivity. Lower ISO for bright conditions, higher for low light.
- **Aperture:** Controls depth of field. Lower f-number (e.g., f/1.8) for blurred backgrounds, higher f-number (e.g., f/11) for sharp foreground and background.
- **Shutter Speed:** Controls motion. Fast shutter speed (e.g., 1/1000s) to freeze action, slow shutter speed (e.g., 1/30s) for motion blur.
- **RAW Files:** Shoot in RAW for maximum flexibility in post-processing.

7. VIDEO RECORDING

The EOS Rebel SL2 supports Full HD (1080p) video recording at various frame rates, including 60fps for smooth motion. Utilize the Dual Pixel CMOS AF for continuous autofocus during video, ensuring your subjects remain sharp. The vari-angle touchscreen is particularly useful for monitoring your footage while filming.

- **External Microphone:** For enhanced audio quality, consider connecting an external microphone to the camera's 3.5mm audio input.

- **Image Stabilization:** Ensure the Image Stabilizer on your lens is activated for smoother handheld video.

8. CONNECTIVITY

The camera offers multiple connectivity options for easy sharing and remote control:

  - **Wi-Fi:** Connect to a wireless network to transfer images to a smartphone, tablet, or computer using the Canon Camera Connect app.
  - **Bluetooth:** Maintain a low-power connection to a smart device for remote control and GPS tagging.
  - **NFC:** Tap the camera to a compatible Android device for quick Wi-Fi connection.
  - **HDMI:** Connect to an HD TV or monitor for viewing photos and videos.
  - **USB:** Connect to a computer for data transfer.

9. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera:

  - **Lens Cleaning:** Use a lens brush or blower to remove dust, then a microfiber cloth with lens cleaning solution for smudges.
  - **Sensor Cleaning:** If dust spots appear on your images, use a sensor cleaning kit or have it professionally cleaned.
  - **Body Cleaning:** Wipe the camera body with a soft, dry cloth. Avoid harsh chemicals.
  - **Storage:** Store the camera in a dry, dust-free environment, ideally with a desiccant to prevent mold.

10. TROUBLESHOOTING

If you encounter issues with your camera, try the following basic troubleshooting steps:

  - **Camera Not Powering On:** Ensure the battery is fully charged and correctly inserted. Check the ON/OFF switch.
  - **Images Are Blurry:** Check lens focus mode (AF/MF), ensure sufficient lighting, and verify shutter speed is fast enough for the subject.
  - **Memory Card Error:** Reinsert the memory card. If the issue persists, try formatting the card (this will erase all data) or use a different card.
  - **Connectivity Issues:** Ensure Wi-Fi/Bluetooth is enabled on both the camera and your smart device. Restart both devices and try reconnecting.

11. SPECIFICATIONS

Feature	Specification
Sensor Type	CMOS (APS-C)
Effective Still Resolution	24.2 MP
Image Processor	DIGIC 7
Autofocus Technology	Dual Pixel CMOS AF (Live View), 9-point PDAF (Viewfinder)
ISO Range	100-25600

Feature	Specification
Video Resolution	FHD 1080p
Screen Size	3 Inches
Display Type	Articulating Touchscreen LCD
Connectivity	Wi-Fi, NFC, Bluetooth, 3.5mm audio, HDMI, USB
Compatible Mountings	Canon EF-S
Item Weight	1 Pounds

12. WARRANTY AND SUPPORT

This product comes with a 90-day warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official Canon website or contact Canon customer service directly. Keep your proof of purchase for warranty claims.