Sony SLT-A55V

Sony Alpha SLT-A55V DSLR Camera Body Instruction Manual

Model: SLT-A55V

Introduction

This manual provides detailed instructions for the safe and effective use of your Sony Alpha SLT-A55V DSLR camera body. Please read this manual thoroughly before operating the camera and retain it for future reference. The Sony Alpha SLT-A55V features Translucent Mirror Technology, enabling high-speed continuous shooting and fast autofocus performance for both still images and HD video.

Safety Information

- **Battery Safety:** Use only genuine Sony batteries and chargers. Do not expose batteries to excessive heat or dispose of them in fire.
- **Water and Moisture:** This camera is not waterproof. Avoid exposing the camera to rain, moisture, or high humidity to prevent damage.
- **Handling:** Do not drop the camera or subject it to strong impacts. Protect the lens and sensor from dust and dirt.
- **Cleaning:** Refer to the maintenance section for proper cleaning procedures.
- **Operating Temperature:** Operate the camera within a temperature range of 0°C to 40°C (32°F to 104°F).

Package Contents

Verify that all items are present in your camera package:

- Sony Alpha SLT-A55V Camera Body
- Rechargeable Battery
- Battery Charger
- Body Cap
- Shoulder Strap

- USB Cable

Camera Overview

Familiarize yourself with the main components and controls of your camera.



Figure 1: Rear view of the Sony Alpha SLT-A55V camera body. This image displays the articulating LCD screen, electronic viewfinder, and various control buttons including MENU, MOVIE, Fn, DISP, AF, WB, and ISO.

Rear Panel Controls

- **MENU Button:** Accesses the camera's main menu for settings and functions.
- **MOVIE Button:** Starts and stops video recording.
- **Fn (Function) Button:** Provides quick access to frequently used shooting settings.
- **DISP (Display) Button:** Changes the information displayed on the LCD screen or viewfinder.
- **AF (Autofocus) Button:** Activates autofocus.
- **WB (White Balance) Button:** Adjusts white balance settings.

- **ISO Button:** Adjusts ISO sensitivity.
- **Playback Button:** Enters playback mode to view captured images and videos.
- **Delete Button:** Deletes selected images or videos.
- **Electronic Viewfinder:** Provides a digital view of the scene with shooting information.
- **Articulating LCD Screen:** Displays live view, menus, and playback. Can be rotated for various shooting angles.

Setup

1. Charging the Battery

1. Insert the battery into the supplied battery charger.
2. Plug the charger into a wall outlet. The charging indicator light will illuminate.
3. Once charging is complete, the indicator light will turn off. Remove the battery.

Note: A fully charged battery provides approximately 2.33 minutes of recording capacity for video.

2. Inserting the Battery and Memory Card

1. Open the battery/memory card cover on the bottom of the camera.
2. Insert the charged battery with the correct orientation until it locks into place.
3. Insert a compatible memory card (SD/SDHC/SDXC or Memory Stick Pro Duo/Pro-HG Duo) into the memory card slot until it clicks. Ensure the card is facing the correct way.
4. Close the cover securely.

3. Attaching a Lens

The Sony Alpha SLT-A55V camera body is compatible with Sony/Minolta Alpha and Sony/Minolta Alpha DT mount lenses.

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the white index mark on the lens with the white index mark on the camera body.
3. Mount the lens by turning it clockwise until it clicks into place.

Caution: Avoid exposing the camera's sensor to direct sunlight or dust when the lens is removed.

4. Initial Settings

Upon first power-on, you may be prompted to set the date, time, and language. Follow the on-screen instructions.

Operating the Camera

Basic Photography Modes

Rotate the mode dial (located on the top of the camera) to select your desired shooting mode.

- **AUTO:** The camera automatically optimizes settings for the scene.
- **P (Program Auto):** The camera sets exposure automatically, but you can adjust other settings.
- **A (Aperture Priority):** You set the aperture, and the camera sets the shutter speed.
- **S (Shutter Priority):** You set the shutter speed, and the camera sets the aperture.
- **M (Manual Exposure):** You control both aperture and shutter speed.
- **Scene Selection:** Choose from various scene modes (e.g., Portrait, Landscape, Macro) for optimized settings.

Autofocus and Shooting

- The camera features 15-point TTL Phase Detection autofocus.
- Press the shutter button halfway to activate autofocus. The camera supports Continuous-Servo AF (AF-C) for moving subjects.
- For continuous shooting, select the appropriate drive mode. The camera can capture up to 10 frames per second with continuous autofocus.
- The electronic viewfinder and articulating LCD screen both offer Live View for composing shots.

Video Recording

- Press the dedicated **MOVIE** button to start and stop video recording.
- The camera records Full HD 1080p video in AVCHD format (1080/60i or 1080/30p).
- Continuous Phase Detect AF is available during video recording for smooth focusing.

Special Features

- **Translucent Mirror Technology:** Enables simultaneous focusing and image capture, contributing to fast continuous shooting and quick autofocus.
- **Embedded GPS:** Automatically tags your photos with location data.
- **3D Sweep Panorama:** Capture panoramic images that can be viewed in 3D on compatible displays.
- **Sensor-shift Image Stabilization:** Provides in-camera image stabilization, reducing blur from camera shake with any compatible lens.

Maintenance

Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water and then wipe dry.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning solution.
- **Sensor:** Cleaning the image sensor should be done with extreme care. If dust spots appear on images, it is recommended to use the camera's built-in sensor cleaning function or have it professionally cleaned.
- **LCD Screen:** Gently wipe with a soft, dry cloth. Avoid pressing hard on the screen.

Storage

When not in use for extended periods, store the camera in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Remove the battery before storage.

Troubleshooting

Problem	Solution
Camera does not power on.	Ensure the battery is fully charged and inserted correctly. Check if the battery contacts are clean.
Images are blurry.	Check focus settings. Ensure sufficient light. Use a faster shutter speed or enable image stabilization.

Problem	Solution
Video recording stops unexpectedly.	This may occur due to high temperatures during extended recording. Allow the camera to cool down. Ensure your memory card has sufficient write speed (5-20 MB/s recommended).
Memory card error.	Ensure the memory card is inserted correctly and is compatible. Try formatting the card (this will erase all data).
GPS not acquiring signal.	Ensure you are in an open outdoor area with a clear view of the sky. It may take a few minutes to acquire a signal.

Specifications

Model Name: Sony Alpha SLT-A55V

Photo Sensor Resolution: 16.2 MP

Photo Sensor Size: APS-C

Sensor Type: CMOS

Image Stabilization: Sensor-shift

Compatible Mountings: Sony/Minolta Alpha, Sony/Minolta Alpha DT

Continuous Shooting: 10 frames per second

Video Resolution: FHD 1080p (1080/60i, 1080/30p)

Video Capture Format: AVCHD (mpeg-4;h.264)

Screen Size: 3 Inches

Display Type: Articulating LCD

Viewfinder: Electronic

ISO Range: Expanded 100 - 12800

Maximum Shutter Speed: 1/4000 Seconds

Minimum Shutter Speed: 30 seconds

Autofocus Points: 15 (TTL 15-point Phase Detection)

Flash: Built-In

Connectivity: HDMI (Type C Mini), USB

Wireless Technology: EyeFi (supported)

Supported Memory Cards: SD/SDHC/SDXC, Memory Stick Pro Duo/Pro-HG Duo

Item Weight: 1.1 Pounds

Warranty and Support

This product comes with a **1 YEAR LIMITED** warranty. For warranty claims or technical support, please contact Sony customer service.
Additional support resources may be available on the official Sony website.

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