

Samsung S21 Ultra

Samsung Galaxy S21 Ultra 5G Instruction Manual

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1. INTRODUCTION

The Samsung Galaxy S21 Ultra 5G is a high-performance Android smartphone designed for advanced mobile experiences. It features a pro-grade camera system, 8K video recording capabilities, and a powerful processor for seamless operation. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.





Figure 1: Front view of the Samsung Galaxy S21 Ultra 5G in Phantom Black.

2. SETUP

2.1 What's in the Box

Your Samsung Galaxy S21 Ultra 5G package includes:

- Handset
- Travel Adapter
- Data Cable
- Ejection Pin
- USB Connector

2.2 Initial Device Activation

To activate your device, insert your SIM card using the provided ejection pin. Power on the device by pressing and holding the power button. Follow the on-screen instructions to complete the initial setup, including connecting to Wi-Fi, setting up your Google account, and configuring security features.







Figure 2: Side view of the device, highlighting the physical buttons.

3. OPERATING INSTRUCTIONS

3.1 Display Features

The Galaxy S21 Ultra 5G features a 6.8-inch Dynamic AMOLED 2X display with a 120Hz refresh rate and WQHD+ resolution (3200 x 1440 pixels). This adaptive refresh rate adjusts based on your content to optimize battery life. The display is protected by Gorilla Glass Victus.

3.2 Camera System

The device is equipped with a pro-grade multi-lens camera system:

- **Main Camera:** 108MP with 100X Space Zoom for high-resolution photos.
- **Ultra-Wide Camera:** 12MP for expansive shots.
- **Telephoto Lenses:** Dual 10MP lenses (3X and 10X optical zoom) for clear zoomed images.
- **Front Camera:** 40MP for high-quality selfies.

Capture sharp 8K video and extract 33MP stills directly from your recordings. Utilize Single Take AI for various photo and video formats from a single capture.





Figure 3: Rear camera module of the Samsung Galaxy S21 Ultra 5G.

3.3 S Pen Support

The Galaxy S21 Ultra 5G is the first S-series phone to support the S Pen (sold separately). This allows for precise input, note-taking, and creative tasks directly on the display.

3.4 Fingerprint Sensor

An improved ultrasonic under-display fingerprint reader provides fast and responsive unlocking with a larger target area.

3.5 5G Connectivity

Experience next-generation 5G connectivity for faster downloads, streaming, and gaming. The device also supports Wi-Fi 6E for enhanced wireless performance.

3.6 Battery Life

Equipped with an intelligent 5000 mAh battery, the device intuitively manages usage to provide all-day power. Fast charging (up to 25W), fast wireless charging, and reverse wireless charging are supported.

4. MAINTENANCE

4.1 General Care

To ensure the longevity of your device, avoid exposing it to extreme temperatures, direct sunlight for prolonged periods, or harsh chemicals. Clean the screen and body with a soft, lint-free cloth. The device is IP68 rated for water and dust resistance, but it is not waterproof. Avoid intentional submersion in water.

4.2 Software Updates

Regularly check for and install software updates to ensure optimal performance, security, and access to new features. Updates can be found in the device's settings menu.

5. TROUBLESHOOTING

5.1 Common Issues

If you experience minor issues such as app crashes, slow performance, or connectivity problems, try the following:

- Restart your device.
- Clear app cache and data for problematic applications.
- Check for software updates.
- Reset network settings.

For persistent issues, consider performing a factory reset (back up your data first) or contacting Samsung support.

6. SPECIFICATIONS

Feature	Detail
Model Name	Galaxy S21 Ultra

Display Size	6.8 Inches
Display Resolution	3200 x 1440 pixels
Refresh Rate	120 Hz
Processor	Snapdragon (Octa-Core, 2.8 GHz)
RAM	12 GB
Storage Capacity	128 GB
Operating System	Android
Main Camera	108MP
Front Camera	40MP
Battery Capacity	5000 mAh
Dimensions	2.9 x 6.5 x 0.3 inches
Weight	0.176 ounces
Connectivity	5G, Bluetooth, NFC, USB, Wi-Fi
Special Features	Bluetooth Enabled, LTE, Water Resistant, Wireless Charging

7. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your device or visit the official Samsung support website. You can also find additional resources and FAQs on the Samsung support portal.

8. PRODUCT VIDEOS

Samsung Galaxy S21 Ultra Overview

This video provides a brief overview of the Samsung Galaxy S21 Ultra 5G, showcasing its design and key features.

Samsung Galaxy S21 Ultra Review

A detailed review of the Samsung Galaxy S21 Ultra, covering its performance, camera capabilities, and overall user experience.

