Samsung Galaxy S III (SGH-i747)

Samsung Galaxy S III (SGH-i747) User Manual

Model: SGH-i747 | Brand: Samsung

1. INTRODUCTION

Welcome to the user manual for your Samsung Galaxy S III (SGH-i747) smartphone. This guide provides essential information to help you get started, understand the device's features, and troubleshoot common issues. Please read this manual thoroughly to ensure safe and optimal use of your device.

2. PRODUCT OVERVIEW

The Samsung Galaxy S III (SGH-i747) is an Android smartphone featuring a 4.8-inch Super AMOLED capacitive multi-touchscreen with Corning Gorilla Glass 2 protection. It is designed with a polycarbonate plastic body, offering a balance of durability and lightweight construction. The device includes a physical home button flanked by two capacitive shortcut keys.
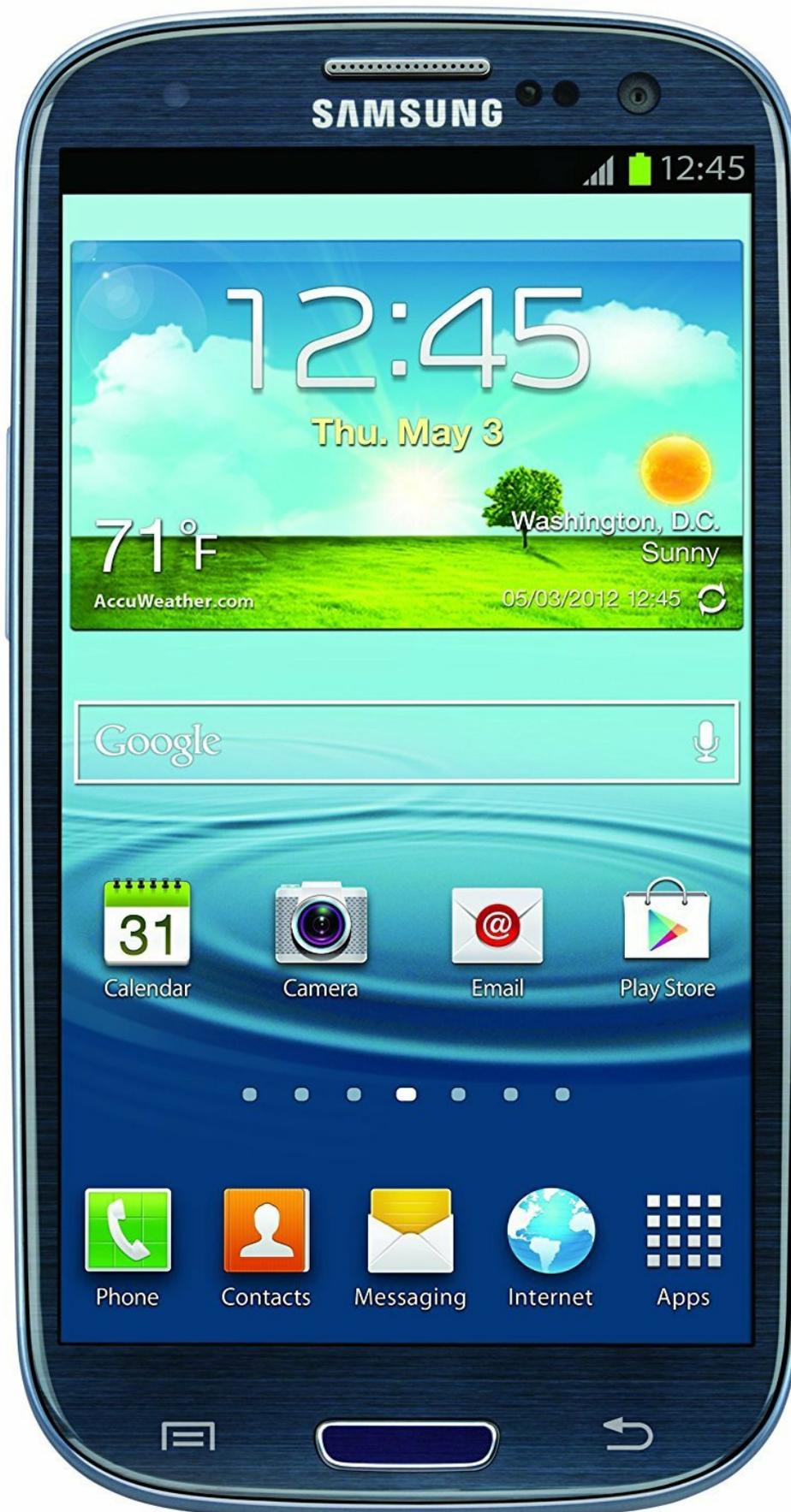
Figure 2.1: Front view of the Samsung Galaxy S III, showcasing its 4.8-inch Super AMOLED display.

2.1 Physical Features

- **Display:** 4.8-inch Super AMOLED Capacitive Multi-Touchscreen with Protective Corning Gorilla Glass 2.

- **Buttons:** Physical Home button, Power/Lock button, Volume rocker.
- **Ports:** Micro USB port for charging and data transfer, 3.5mm headphone jack.
- **Cameras:** 8 Megapixel Rear Camera with Autofocus and LED Flash, 1.9 Megapixel Front-Facing Camera.
- **Speaker:** Single speaker located on the rear.
- **Build:** Polycarbonate plastic construction with a removable back cover.

Figure 2.2: Front and back view of the Samsung Galaxy S III, highlighting the rear camera and speaker placement.

3. SETUP

3.1 Installing the SIM Card

1. Carefully remove the back cover of the phone.
2. Locate the SIM card slot.
3. Insert your Micro SIM card into the slot with the gold contacts facing down, ensuring it clicks into place.

3.2 Installing the Battery

1. Align the battery's gold contacts with the terminals in the battery compartment.
2. Gently press the battery down until it is securely in place.
3. Replace the back cover, pressing along the edges until it snaps shut.

3.3 Installing a MicroSD Card (Optional)

The device supports MicroSD cards up to 64GB for expanded storage.

1. Remove the back cover and battery (if necessary).
2. Locate the MicroSD card slot.
3. Insert the MicroSD card into the slot until it locks.
4. Replace the battery and back cover.

3.4 Initial Power On

Press and hold the Power/Lock button until the Samsung logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

4. OPERATING YOUR DEVICE

Your Galaxy S III runs on the Android operating system with Samsung's TouchWiz user interface, offering a range of features and customization options.

4.1 Basic Navigation

- **Home Screen:** The central hub for your apps and widgets. Swipe left or right to access different panels.
- **App Drawer:** Tap the Apps icon on the home screen to view all installed applications.
- **Notifications Panel:** Swipe down from the top of the screen to access quick settings and notifications.
- **Recent Apps:** Long-press the Home button to view recently used applications.

4.2 Smart Features

- **S Beam:** Utilize NFC and Wi-Fi Direct to share large files (photos, videos, documents) by simply touching two compatible devices back-to-back.
- **Share Shot:** Share photos with up to five friends instantly as you take them, eliminating the need to share later.
- **Motion Gestures:** The device supports various intuitive gestures:
    - **Screenshot:** Swipe your hand across the screen to capture a screenshot.
    - **Scroll to Top:** Tap the top of the phone to quickly scroll to the top of a list.
    - **Direct Call:** If you are texting someone, simply bring the phone to your ear to call them.

5. CAMERA FEATURES

The Samsung Galaxy S III is equipped with an 8 Megapixel rear camera and a 1.9 Megapixel front-facing camera, allowing you to capture photos and videos.

5.1 Taking Photos and Videos

1. Open the Camera application from your home screen or app drawer.
2. Tap the screen to focus on your subject.
3. Press the camera icon to take a photo or the video icon to start/stop recording.
4. The rear camera features autofocus and an LED flash for improved low-light performance.

5.2 Camera Settings

Explore the camera settings to adjust various options such as shooting modes (e.g., Automatic), resolution, white balance, and effects to enhance your photography.

6. CONNECTIVITY

The Galaxy S III offers a range of connectivity options to keep you connected.

- **Cellular Network:** Supports 2G (GSM 850/900/1800/1900), 3G (HSDPA 850/1900/2100), and 4G LTE (700 MHz Class 17 / 2100). Compatible with GSM carriers like AT&T and T-Mobile.
- **Wi-Fi:** Connect to wireless networks for internet access.
- **Bluetooth:** Pair with other Bluetooth-enabled devices such as headsets or car kits.

- **NFC (Near-Field Communication):** For quick pairing and data exchange with compatible devices (e.g., S Beam).
- **GPS:** Integrated GPS for navigation and location-based services.

7. SPECIFICATIONS

Below are the key technical specifications for the Samsung Galaxy S III (SGH-i747):

Feature	Specification
Brand	Samsung
Model Name	Galaxy S3 (SGH-i747)
Operating System	Android 4.0 (Upgradable)
CPU Model	Qualcomm MSM896 Snapdragon (Dual-Core 1.5 GHz)
RAM	2 GB
Internal Storage	16 GB
Expandable Storage	MicroSD up to 64 GB
Screen Size	4.8 Inches
Display Resolution	1280 x 720 (HD)
Rear Camera	8 MP with Autofocus, LED Flash
Front Camera	1.9 MP
Battery	Lithium-Ion (2100 mAh)
Dimensions	5.38 x 0.34 x 2.78 inches
Item Weight	0.3 Pounds
Wireless Carrier	AT&T (Unlocked for GSM carriers)

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your smartphone.

- **Software Updates:** Regularly check for and install available software updates to benefit from new features, security patches, and performance improvements.
- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body of your phone. Avoid harsh chemicals.
- **Battery Care:** To maximize battery life, avoid extreme temperatures and do not let the battery completely drain frequently. Consider replacing the battery if you notice significant degradation in performance.
- **Storage Management:** Periodically clear unnecessary files and apps to free up internal storage and improve device speed.

9. TROUBLESHOOTING

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

- **Device Not Responding:** If the device freezes, press and hold the Power/Lock button for about 10 seconds to force a restart.
- **Poor Battery Life:** Reduce screen brightness, disable unused features like Wi-Fi or Bluetooth, and close background applications. If the issue persists, consider replacing the battery.
- **App Issues:** If an app is not working correctly, try clearing its cache and data in the App Manager settings, or uninstall and reinstall the app.
- **Connectivity Problems:** For Wi-Fi or cellular issues, try toggling Airplane Mode on and off, or restart your device. Ensure your SIM card is properly inserted.
- **File Corruption on SD Card:** If files on your external SD card become corrupted, try formatting the card (this will erase all data). Ensure the card is properly seated. Creating subfolders within phone-created folders on the memory card has been noted to sometimes resolve issues.
- **Factory Reset:** As a last resort, you can perform a factory reset. This will erase all data on your device, so back up important information first. Navigate to Settings > Backup and reset > Factory data reset.

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Samsung website. For technical support, contact Samsung customer service or your wireless carrier.
You can visit the Samsung Store for additional product information and accessories.