

Kayoote SH66

Kayoote SH66 Rugged Handheld Terminal User Manual

Model: SH66 | Brand: Kayoote

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Kayoote SH66 Rugged Handheld Terminal. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.

The Kayoote SH66 is a robust handheld terminal designed for demanding industrial environments. It features a powerful Intel N150 processor, Windows 11 Pro operating system, an integrated Honeywell N6803 barcode scanner, and comprehensive connectivity options including 4G LTE, Wi-Fi 6, Bluetooth 5.2, and GPS.

2. PRODUCT OVERVIEW

2.1. Components and Features

Familiarize yourself with the main components and features of your SH66 device.



Figure 1: Kayoote SH66 Handheld Terminal with labeled ports and buttons. Key components include the 2D Scanner, Speaker, Volume buttons (V+, V-), Power button, Scan button, Custom buttons, SIM/TF card slot, microphone, Type-C port, and USB3.0 ports.

- **6.5-inch HD Display:** Provides clear visibility with 720x1600 resolution and 380 nits brightness.
- **Integrated Barcode Scanner:** Honeywell N6803 module for fast and accurate 1D/2D/QR code scanning.
- **Intel N150 Processor:** Quad-core processor for efficient performance.
- **Memory and Storage:** 16GB RAM and 512GB ROM for ample data handling.

- **Rugged Design:** IP65 dust and water resistance, MIL-STD-810G compliant for drop protection.
- **Long-lasting Battery:** 5000mAh battery with 20W Type-C fast charging.
- **Connectivity:** 4G LTE, Wi-Fi 6 AX201, Bluetooth 5.2, BeiDou, GPS, GLONASS, and NFC.
- **Operating System:** Pre-installed Windows 11 Pro.

3. SETUP

3.1. Unboxing and Initial Inspection

Carefully unpack the device and all accessories. Inspect for any signs of damage. If any components are missing or damaged, contact your vendor immediately.



Figure 2: Standard package contents for the Kayoote SH66. Includes the rugged handheld terminal, SIM ejector tool, carry strap, and 20W charger.

3.2. Charging the Battery

1. Connect the provided USB Type-C cable to the charging port on the device.
2. Connect the other end of the cable to the 20W power adapter.
3. Plug the power adapter into a wall outlet.
4. The device will indicate charging status. A full charge from 0% typically takes approximately 3 hours.



Figure 3: The Kayoote SH66 features a 5000mAh easy-replace battery, providing extended operational time.

3.3. Installing SIM/TF Card

1. Locate the SIM/TF card slot cover on the side of the device.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place the SIM card(s) and/or TF (microSD) card into the tray, ensuring correct orientation.
4. Insert the tray back into the slot until it clicks into place.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

- **To Power On:** Press and hold the Power button (refer to Figure 1) until the Kayoote logo appears on the screen.
- **To Power Off:** Press and hold the Power button, then select "Shut down" from the options on the screen. Alternatively, navigate to the Windows Start menu and select Power > Shut down.
- **To Restart:** Press and hold the Power button, then select "Restart" from the options. Alternatively, navigate to the Windows Start menu and select Power > Restart.

4.2. Basic Navigation (Windows 11 Pro)

The SH66 runs on Windows 11 Pro, offering a familiar desktop environment. Use the 6.5-inch touchscreen for navigation, tapping to select items, and swiping for scrolling. The device also supports stylus input and wet-hand touch for versatile use.

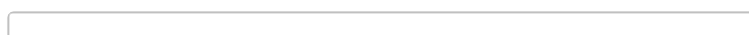


Figure 4: The 6.5-inch HD display supports wet-hand touch and stylus input, enhancing usability in various conditions.



Figure 5: The Kayoote SH66 operates on the Windows 11 Pro operating system.

4.3. Barcode Scanning

The integrated Honeywell N6803 barcode scanner allows for efficient data capture.

1. Ensure the device is powered on and the scanning application is open.
2. Point the scanner window (refer to Figure 1) at the barcode.
3. Press the dedicated Scan button (refer to Figure 1) or trigger the scan via the software interface.
4. Hold the device steady until the barcode is successfully read. The device will typically provide an audible or visual confirmation.



Figure 6: The SH66 features a built-in 2D barcode scanner, designed for speed and accuracy in various industrial applications.



Figure 7: The SH66 facilitates efficient barcode scanning in logistics and warehousing environments.

4.4. Connectivity

The SH66 supports multiple connectivity options:

- **Wi-Fi 6 (AX201):** To connect to a Wi-Fi network, go to *Settings > Network & internet > Wi-Fi*, turn Wi-Fi on, and select your desired network.
- **4G LTE:** Insert a valid SIM card (as per Section 3.3) to enable cellular data connectivity. Configure mobile data settings via *Settings > Network & internet > Cellular*.
- **Bluetooth 5.2:** To pair with Bluetooth devices, go to *Settings > Bluetooth & devices*, turn Bluetooth on, and select "Add device."
- **GPS/BeiDou/GLONASS:** Location services are enabled by default. Ensure location access is granted to applications requiring GPS data via *Settings > Privacy & security > Location*.
- **NFC:** For near-field communication, ensure NFC is enabled in settings and tap the device to compatible NFC tags or readers.

5. MAINTENANCE

5.1. Cleaning the Device

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the exterior of the device.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- For the display, use a screen-specific cleaner and a microfiber cloth.
- Ensure all port covers are securely closed before cleaning to maintain IP65 rating.

5.2. Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.

- Use only the original or certified compatible charger.

5.3. Software Updates

Regularly check for and install Windows updates to ensure optimal performance, security, and compatibility. Navigate to *Settings > Windows Update* to manage updates.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Kayoote SH66.

Problem	Possible Cause	Solution
Device does not power on	Low battery; Power button not pressed long enough	Charge the device for at least 30 minutes. Press and hold the Power button for 5-10 seconds.
Barcode scanner not working	Scanning application not open; Scanner window obstructed; Barcode damaged	Ensure the scanning application is active. Clean the scanner window. Try scanning a different barcode.
No Wi-Fi connection	Wi-Fi turned off; Incorrect password; Out of range	Check Wi-Fi settings. Re-enter password. Move closer to the Wi-Fi router.
Slow performance	Too many applications running; Low storage space; Outdated software	Close unnecessary applications. Free up storage. Check for Windows updates.
Device not charging	Cable or adapter faulty; Port obstruction	Try a different USB-C cable and adapter. Check the charging port for debris.

If the problem persists after attempting these solutions, please contact Kayoote customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Kayoote SH66 Rugged Handheld Terminal.

Feature	Description
Model Name	SH66
Operating System	Windows 11 Pro
Processor	Intel N150 Quad-core (2 GHz base, up to 3.6 GHz burst)
RAM	16 GB
Storage	512 GB
Screen Size	6.5 Inches
Display Resolution	720x1600 HD, 380 nits
Barcode Scanner	Honeywell N6803 (1D/2D/QR)

Feature	Description
Wireless Connectivity	Wi-Fi 6 AX201 (2.4G/5G), Bluetooth 5.2, 4G LTE (28 global bands)
Positioning	BeiDou, GPS, GLONASS
NFC	Supported
Battery Capacity	5000 mAh
Charging	20W Type-C Fast Charging
Durability	IP65 Dust & Water Resistant, MIL-STD-810G (1.5m drop)
Operating Temperature	-20°C to 55°C
Dimensions	180 × 85 × 22 mm
Weight	460 Grams



Figure 8: The SH66 features reinforced rubber corners for enhanced drop protection, meeting military-grade durability standards.



Figure 9: The SH66 is built to withstand harsh conditions, including drops, ensuring reliability in demanding environments.

8. WARRANTY INFORMATION

The Kayoote SH66 Rugged Handheld Terminal comes with a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or repairs.

Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included with your product or visit the official Kayoote website.

9. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Kayoote customer support through the following channels:

- **Online Support:** Visit the official Kayoote website for FAQs, software downloads, and support contact forms.
- **Email Support:** Refer to your product packaging or warranty card for the dedicated support email address.
- **Phone Support:** Contact numbers may be available on the Kayoote website or product documentation.

When contacting support, please have your device model (SH66) and serial number ready to expedite assistance.

