

Sonew Sonew7gsmi1ypfb-11

Sonew Fixed Wireless GSM Terminal User Manual

Model: Sonew7gsmi1ypfb-11

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1. INTRODUCTION

Thank you for purchasing the Sonew Fixed Wireless GSM Terminal. This device allows you to connect a standard wired telephone to a GSM mobile network, providing a cost-effective and flexible communication solution for various environments, including remote areas, offices, and public spaces. It supports international, national, and local voice services, maintaining the familiar dialing habits of traditional landlines.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to ensure safe and proper operation.

- **Power Source:** Use only the provided power adapter. Using an incompatible power source may damage the device and void the warranty.
- **Environment:** Do not expose the device to extreme temperatures, humidity, direct sunlight, or dusty environments. Keep it away from water and other liquids.
- **Ventilation:** Ensure proper ventilation around the device. Do not block ventilation openings.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Cleaning:** Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Repairs:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- **SIM Card:** Ensure the SIM card is inserted correctly. Do not force the SIM card into the slot.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x Sonew Fixed Wireless GSM Terminal
- 1 x Power Plug (European Plug)
- 1 x GSM Antenna
- 1 x Telephone Cable (RJ11)
- 1 x User Manual



Image: All components included in the Sonew Fixed Wireless GSM Terminal package: the white terminal unit, a black power adapter, a black GSM antenna with a long cable, and a white RJ11 telephone cable.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Sonew Fixed Wireless GSM Terminal.

4.1 Terminal Unit



Image: The Sonew Fixed Wireless GSM Terminal, a white rectangular unit, with a black external GSM antenna connected via a red-tipped cable. The terminal has indicator lights on its front panel and ports on the back.

- **Indicator Lights:** LEDs on the front panel display signal strength, standby status, and operational status.
- **SIM Card Slot:** Located on the side or back for inserting your GSM SIM card.
- **RJ11 Ports:** Standard telephone jacks for connecting a wired telephone.
- **Antenna Port:** Connector for the external GSM antenna.
- **Power Port:** For connecting the power adapter.

4.2 GSM Antenna

The external antenna ensures optimal signal reception for stable communication.



Image: Close-up of the Sonew GSM antenna components: a black magnetic base with a long cable, and a separate black whip antenna with a spring base and a threaded connector.

5. SETUP GUIDE

Follow these steps to set up your Fixed Wireless GSM Terminal:

1. **Insert SIM Card:** Locate the SIM card slot on the terminal. Carefully insert your activated GSM SIM card into the slot until it clicks into place. Ensure the SIM card is correctly oriented.
2. **Connect Antenna:** Screw the GSM antenna onto the antenna port on the back of the terminal. Position the antenna in an area with good GSM signal reception, ideally near a window or in an elevated position.
3. **Connect Telephone:** Plug one end of the provided RJ11 telephone cable into an RJ11 port on the terminal. Plug the other end into the telephone line input of your wired telephone.
4. **Connect Power:** Plug the power adapter into the power port on the terminal. Then, plug the power adapter into a suitable electrical outlet.
5. **Power On:** The device will automatically power on. Observe the indicator lights on the front panel. The signal indicator should light up, indicating successful network registration. This may take a few moments.



Image: The Sonew Fixed Wireless GSM Terminal connected to its external antenna, illustrating the setup process.

6. OPERATING INSTRUCTIONS

Using the Sonew Fixed Wireless GSM Terminal is similar to using a traditional landline phone.

6.1 Making Calls

1. Pick up the handset of your connected telephone. You should hear a dial tone.
2. Dial the desired phone number (local, national, or international).
3. Wait for the call to connect.

6.2 Receiving Calls

1. When an incoming call rings, pick up the handset of your connected telephone to answer.

6.3 Call Features

- **Caller ID:** The terminal supports Caller ID display on compatible telephones.
- **DTMF Transmission:** The device supports DTMF transmission for interactive voice response (IVR) systems.
- **Antipodal Signal:** The terminal provides an antipodal signal, allowing connection to a tariff recorder or computer-based fare register for call cost tracking.



With Antipodal Signal
Can Be Connected to the
Fare Register or Use a
Computer Fare Register.

Image: The terminal can be connected to a fare register or computer fare register for call cost tracking.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Sonew Fixed Wireless GSM Terminal, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or strong chemicals.
- **Dust Prevention:** Keep the device in a clean environment to prevent dust accumulation in ports and

ventilation openings.

- **Ventilation:** Ensure that the ventilation holes are not obstructed to prevent overheating.
- **Cable Management:** Avoid bending or kinking cables excessively, as this can damage them over time.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your Sonew Fixed Wireless GSM Terminal, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No dial tone / Cannot make calls	<ul style="list-style-type: none">◦ SIM card not inserted correctly or not activated.◦ No GSM signal.◦ Telephone cable loose or faulty.◦ Power issue.	<ul style="list-style-type: none">◦ Ensure SIM card is properly inserted and activated.◦ Check signal indicator lights. Reposition antenna or terminal for better signal.◦ Verify telephone cable connection. Try a different telephone.◦ Check power adapter and outlet.
Cannot receive calls	<ul style="list-style-type: none">◦ No GSM signal.◦ SIM card issue.◦ Incoming call authorization settings.	<ul style="list-style-type: none">◦ Check signal indicator.◦ Verify SIM card status with your mobile operator.◦ Check terminal settings for incoming call authorization (if applicable, refer to advanced settings in full manual).
Poor call quality / Dropped calls	<ul style="list-style-type: none">◦ Weak GSM signal.◦ Interference.	<ul style="list-style-type: none">◦ Reposition antenna or terminal for stronger signal.◦ Move device away from other electronic equipment that may cause interference.
Device restarts automatically	<ul style="list-style-type: none">◦ Built-in watchdog circuit detecting malfunction.	<ul style="list-style-type: none">◦ This is normal behavior for the integrated watchdog circuit to ensure continuous operation. If it happens frequently without apparent reason, contact support.

9. SPECIFICATIONS

Feature	Detail
Product Type	Fixed Wireless GSM Terminal
Model Number	Sonew7gsmi1ypfb-11
Supported Network	GSM: 850/900/1800/1900 MHz (Quad Band)
Interface Type	RJ11 (for telephone connection)
Caller ID	Supported

Feature	Detail
DTMF Transmission	Supported
Antipodal Signal	Yes, for tariff recorders
Watchdog Circuit	Integrated for automatic restart on fault
Power Supply	Standard power plug (European)
Product Dimensions	Approx. 12 x 8.5 cm (4.7 x 3.3 inches)
Package Dimensions	21 x 13 x 5 cm
Item Weight	310 g
Batteries Required	No
Additional Features	Wireless connectivity (for GSM network)

Note: The specification "Tipo di telefono: Con cavo" refers to the type of telephone that connects to this terminal, not the terminal itself, which provides wireless GSM connectivity.

10. WARRANTY AND SUPPORT

Sonew products are designed and manufactured to the highest quality standards. For information regarding warranty coverage and terms, please refer to the warranty card included with your product or visit the official Sonew website.

Customer Support

If you have any questions, require technical assistance, or experience issues not covered in this manual, please contact Sonew customer support through the following channels:

- **Online Support:** Visit the [Sonew Store on Amazon](#) for FAQs and contact options.
- **Email:** Refer to your product packaging or the Sonew website for direct email support.

Please have your product model number (Sonew7gsmi1ypfb-11) and purchase details ready when contacting support.