PNI PG200

PNI PG200 GSM/PSTN Wireless Alarm System User Manual

Model: PG200

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PNI PG200 GSM/PSTN Wireless Alarm System. Please read this manual thoroughly before using the system to ensure proper functionality and safety. This system is designed to provide security for your premises using a combination of wireless and wired sensors, communicating alerts via GSM and landline networks.

2. PRODUCT OVERVIEW AND COMPONENTS

The PNI PG200 alarm system includes a main control panel, various sensors, remote controls, and a siren. Understanding each component is crucial for effective system setup and operation.

Figure 2.1: The PNI PG200 Wireless Alarm System kit, showing the main control unit, remote controls, siren, motion sensor, and door/window sensor, both in packaging and as individual components.

Figure 2.2: A complete view of all components included with the PNI PG200 system, including the main panel, power adapter, siren, remote controls, motion sensor, and door/window sensor.

2.1 Main Control Panel

Figure 2.3: Front view of the PNI PG200 main control panel, featuring an LCD display, numeric keypad, and function buttons for arming, disarming, and intelligent modes.

Figure 2.4: Rear view of the PNI PG200 main control panel, showing ports for Line 1, Line 2 (landline connections), Power input, Siren output, and an On/Off switch.

The main control panel is the central unit of the alarm system. It features an LCD display, a numeric keypad for inputting codes, and buttons for various functions such as Arming, Intelligent Arming, and Disarming. It also houses the GSM module and connections for landlines.

2.2 Remote Controls

Figure 2.5: Two remote controls for the PNI PG200 system, each with buttons for arming, disarming, and panic functions, and an extendable antenna.

Two remote controls are provided for convenient arming and disarming of the system from a distance. They typically include buttons for full arming, disarming, and a panic function.

2.3 Wireless Motion Sensor

Figure 2.6: A wireless passive infrared (PIR) motion sensor for the PNI PG200 system, designed to detect movement within its coverage area.

The system includes wireless motion sensors (PIR sensors) that detect movement within their field of view. These sensors communicate wirelessly with the main control panel.

2.4 Siren

A 110 dB siren is included to provide an audible alert during an alarm event. It connects to the main control panel and can deter intruders.

3. SETUP AND INSTALLATION

Careful installation is essential for the optimal performance of your alarm system.

3.1 Main Control Panel Installation

1. **Placement:** Choose a central location for the main control panel, away from direct sunlight, heat sources, and areas prone to moisture. Ensure it is within range of your wireless sensors and has access to a power outlet and, if used, a landline connection.

2. **Mounting:** The unit can be self-adhesive or mounted using screws (not specified if included). Secure the main panel firmly to a wall at an accessible height.

3. **Power Connection:** Connect the provided DC power adapter to the 'POWER' input on the rear of the main panel (refer to Figure 2.4). Plug the adapter into a standard electrical outlet.

4. **Siren Connection:** Connect the included siren to the 'SIREN' output port on the rear of the main panel.

3.2 SIM Card and Landline Connection

1. **SIM Card Insertion:** Open the SIM card slot cover (location not specified, typically on the side or rear). Insert a standard GSM SIM card into the designated slot. Ensure the SIM card is active and has sufficient credit for calls and SMS messages.

2. **Landline Connection:** If using a landline, connect your telephone line(s) to the 'LINE 1' and/or 'LINE 2' ports on the rear of the main panel (refer to Figure 2.4).

3.3 Sensor Installation and Pairing

The system supports 99 wireless zones and 2 wired zones.

1. **Wireless Sensor Placement:** Install wireless motion sensors in areas where intrusion is likely, such as hallways, entry points, or rooms with valuables. Install door/window sensors on all entry points. Ensure sensors are placed within the wireless range of the main panel.

2. **Wired Sensor Connection:** For the 2 wired zones, connect compatible wired sensors (e.g., magnetic contacts, vibration sensors) to the designated wired input terminals on the main panel (refer to product diagram for exact location, not explicitly shown in provided images).

3. **Pairing Wireless Sensors:** Refer to the specific instructions in your full user manual for the pairing process. Generally, this involves putting the main panel into a 'learning' or 'pairing' mode and then triggering each wireless sensor (e.g., opening a door, waving in front of a motion sensor) to register it with the system. Assign each sensor to a specific zone.

4. OPERATING INSTRUCTIONS

The PNI PG200 offers multiple ways to control your alarm system.

4.1 Arming and Disarming

- **Via Keypad:** Enter your user code on the main panel's keypad and press the 'ARMING' button for full arming or 'INTELLIGENT' for partial arming. Enter your user code and press 'DISARMING' to disarm the system.

- **Via Remote Control:** Press the 'Arm' button on your remote control for full arming. Press the 'Disarm' button to disarm. Remote controls have a range of up to 100m in open fields.

- **Via SMS/Call:** The system supports remote control via SMS commands or voice calls. Specific commands will be detailed in the full user manual. You can send an SMS with a specific code or call the system's number and enter a sequence of keys to arm or disarm.

4.2 Smart Home Arming (Zone-Specific)

The system allows for partial arming, where only specific zones are armed. This is useful when you are at home and want to secure certain areas (e.g., perimeter sensors) while moving freely in others. Consult your full user manual for instructions on configuring and activating zone-specific arming.

4.3 Alarm Notifications

Upon detection of an intrusion, the system will activate the siren and send alerts to up to 6 pre-programmed phone numbers (mobile or landline) via SMS or voice call, utilizing both GSM and landline communication modules.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliability of your alarm system.

- **Battery Check:** The system includes a backup battery. Periodically check the battery status indicator on the main panel. Replace batteries in wireless sensors as needed (typically indicated by a low battery warning on the sensor or main panel).
- **Cleaning:** Clean the main panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **System Test:** Periodically test the system by triggering a sensor while armed to ensure the siren activates and notifications are sent.

6. TROUBLESHOOTING

If you encounter issues with your PNI PG200 system, refer to the following common problems and solutions:

- **System Not Arming:** Ensure all zones are closed (doors/windows shut, no motion detected). Check for low battery warnings from sensors.
- **No SMS/Call Alerts:** Verify the SIM card is correctly inserted, active, and has credit. Check landline connection. Ensure emergency numbers are correctly programmed.
- **False Alarms:** Check sensor placement for environmental factors (e.g., pets, drafts, direct sunlight on motion sensors). Ensure sensors are securely mounted.
- **Remote Control Not Working:** Check the remote control's battery. Ensure you are within range of the main panel.

For more complex issues, consult the comprehensive user manual or contact PNI customer support.

7. SPECIFICATIONS

Brand	PNI
Model Number	PG200
Manufacturer	ONLINESHOP SRL
Product Dimensions (L x W x H)	32.5 x 24.5 x 7.3 cm

Item Weight	490 grams
Color	White
Power Source	DC
Voltage	12 Volts
Installation Method	Self-adhesive
Sound Level	110 Decibels
Special Features	99 Wireless Zones + 2 Wired Zones, Remote Arming, GSM and Landline Communication
Usage	Indoor use only
Included Components	Main board, metal casing, LCD keypad, user manual
Battery(ies) Included	Yes
Compatible Devices	Smartphone
Connectivity Technology	Wired, Wireless
Alert Type	Motion only
Control Method	Remote Control

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official PNI website. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - PG200

[PNI SafeHouse HS650 Wireless Alarm System User Manual](#)
Comprehensive user manual for the PNI SafeHouse HS650 wireless alarm system, covering features, installation, configuration, and operation with the Tuya Smart app.

PNI RC800 *Remote control for gates opening systems*	**PNI RC800 Remote Control for Gate Automation Systems - User Manual** User manual for the PNI RC800 remote control, providing instructions on safety, pairing with PNI AP800C and PNI MAB300 systems, technical specifications, and EU conformity.
PNI Escort HP 62DE Portable CB radio/CB-радио/ CB-Radio/Emisora CB/Porte CB/ CB radio/Radio CB/CB-radio/CB radio/Statie radio CB portable	**PNI Escort HP 62DE Portable CB Radio User Manual** User manual for the PNI Escort HP 62DE portable CB radio. Learn about its features, operation, safety precautions, and technical specifications for reliable communication.
PNI SafeHouse HS600 Wireless alarm system / Безжична аларм на система / Drahtloses Alarmsystem / Sistema de alarma inalámbrico / Système d'alarme sans fil / Vezeték nélküli riasztórendszer / Sistema di allarme senza fili / Draadloos alarmsysteem / Bezprzewodowy system alarmowy / Sistem de alarma wireless	**PNI SafeHouse HS600 Wireless Alarm System User Manual** Comprehensive user manual for the PNI SafeHouse HS600 wireless alarm system, detailing its main functions, installation, configuration, and operation via the Tuya Smart app. Learn about its advanced features for home security.
PNI SafeHouse HS003 Wireless motion sensor/Безжичен сензор за движение/Drahtloser Bewegungssensor/Sensor de movimiento inalámbrico/Capteur de mouvement sans fil/Vezeték nélküli mozgásérzékelő/Sensore di movimento wireless/Draadloos bewegingssensor/Bezprzewodowy czujnik ruchu/Detector de mişcare fara fir	**PNI SafeHouse HS003 Wireless Motion Sensor User Manual** Comprehensive user manual for the PNI SafeHouse HS003 wireless motion sensor. Covers product information, main functions, description, LED indicators, PCB layout, installation, testing, detection range, technical parameters, and troubleshooting. Includes EU Declaration of Conformity link.
	PNI Touch Switch SH101, SH202, SH303: Installation Guide and Product Features Comprehensive guide for PNI touch switches (SH101, SH202, SH303). Learn about installation, wiring diagrams, common troubleshooting, product features, specifications, and safety warnings. Suitable for home and office environments.