

Phonecell® SX5e

Fixed Wireless PBX Terminal



- Direct outgoing calls to wireless service through the Phonecell.
- Route inbound calls from wireless phones through the Phonecell.

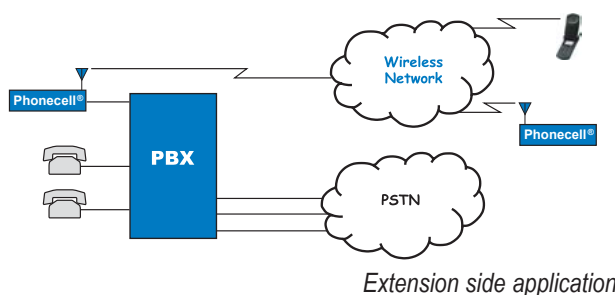
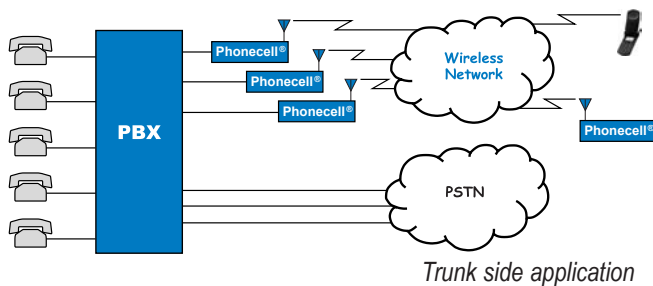
Trunk Side. Connect the Phonecell to an analog trunk of a PBX or key system.

Extension Side. Connect the Phonecell to an analog extension port of the PBX.

ELIMINATE THE COST of routing calls to and from wireless phones through the PSTN.

Also Featuring

- ✓ Access the Internet and E-Mail
- ✓ Automatic end-of-dialing (no SEND key)
- ✓ Caller ID, call waiting/call hold, call forwarding
- ✓ Easy set up
- ✓ 7 LEDs for signal strength, message alert and terminal status
- ✓ Optional rack configuration



Models

- Dual Band 900/1800 GSM Phase 2+
- Dual Band 850/1900 GSM Phase 2+

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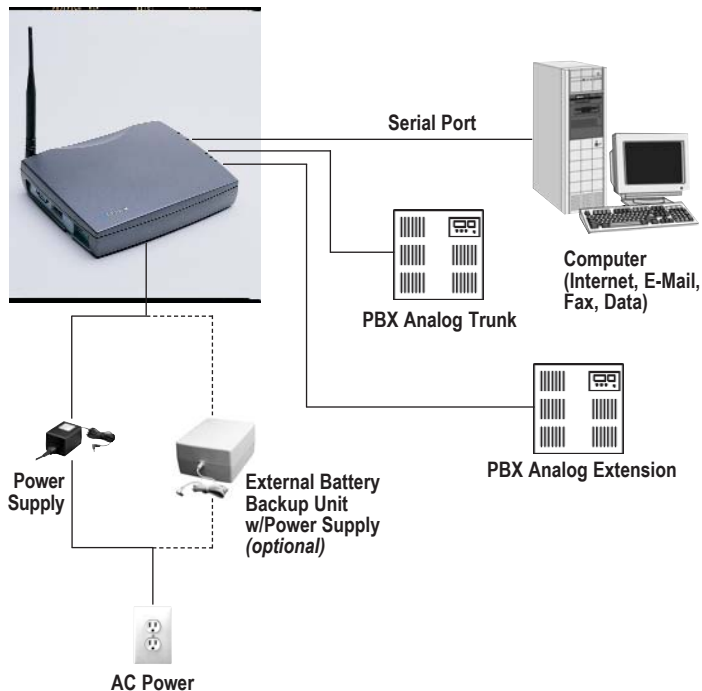
Fixed Wireless PBX Terminal



Features

- GPRS packet data, multi-slot Class 10 (up to 85.6 kbps)*
- Circuit switched digital computer fax and data (up to 14.4 kbps)*
- Short Message Service (SMS)*
- Compatible with popular supplementary services including caller ID, call waiting/call hold, call forwarding, call barring, multi-party calling, and more*
- Least cost routing for trunk or extension side connection
- Optional 19" or 23" rack shelf for PBX installation
- DTMF and pulse-dialing
- Automatic end-of-dialing (no SEND key)
- Supports up to five phones (5 REN)
- Emergency battery backup
- Easy set-up using DTMF telephone
- Built-in signal-strength indication
- Simple desktop or wall-mount installation
- Standard GSM Mini-SIM (Subscriber Identification Module) 3 volt and 5 volt compatible
- Supports SIM Application Toolkit
- Supports GSM personalization features (GSM 02.22)

Connectivity Options



* Subject to network availability.

Models

- Dual Band 900/1800 GSM Phase 2+
- Dual Band 850/1900 GSM Phase 2+

Specifications

Air Interface Standard

- GSM 900/1800 Phase 2+
- GSM 850/1900 TIA/EIA J-STD-007

Transmit Power

- GSM 850 & 900: 2 watts
- GSM 1800 & 1900: 1 watt

Frequency Ranges

	Transmit	Receive
• GSM 850	824-849 MHz	869-894 MHz
• GSM 900	890-915 MHz	935-960 MHz
• GSM 1800	1710-1785 MHz	1805-1880 MHz
• GSM 1900	1850-1910 MHz	1930-1990 MHz

FWT Dimensions and Weight

- Metric (cm) 18.3 x 5.1 x 21.1
- U.S. (inches) 7.2 x 2.0 x 8.3
- 0.73 kg. (1.6 lb.)

Environment

- Operating temperature range: -10°C to +50°C
- Storage temperature range: -40°C to +60°C
- Humidity: 5% to 95%

Intelligent RJ-11 Interface

- Ringer equivalence number (REN) 5.0A
- Dynamic echo cancellation
- PSTN Emulation
- Telephone set emulation

LED Indicators

- Power/Battery status
- Signal status
- Message status (SMS, voice mail)
- ON/OFF hook status

Connectors

- RJ-11 interface jack for PBX analog trunk connection
- RJ-11 interface jack for PBX analog extension connection
- DB-9 port for GPRS or circuit switched digital PC fax/data
- TNC antenna connector (50 ohms)
- DC power input jack

Antenna

- Dipole antenna (included)
 - GSM 900/1800: 2 dBi dual band
 - GSM 850/1900: 2 dBi dual band
- Optional higher gain antennas available

AC-to-DC Switching Power Supply (Included)

- Voltage: 90 - 300 VAC
- Frequency: 50/60 Hz
- Plug options: U.S., U.K., Euro., Australia

Emergency Battery Backup

- 4 "AA" alkaline batteries provide up to 1 hour of air time. (Batteries not included.)

External Battery Backup (Optional)

- External battery backup unit/charger (provides up to 8 hours of air time or 14 hours of standby)

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