



Phonecell® SX5T

SX5T-500C / 505C Fixed Wireless Terminal for CDMA2000® 1X



Superior Voice Quality

- 1X Packet Data*
- Circuit-Switched Data via RJ-11*
- GPS/E-91 1 Position Location**
- Group 3 Analog Fax*
- TTY/TDD

Also Featuring

Line reversal and 12 kHz / 16 kHz metering pulses for payphone, Public Calling Office, and PBX applications*

Easy set up

7 LEDs for signal strength, power, message alert and call status

Wireless **CONNECTIVITY** for standard telephone, fax, and computer equipment

Models

- Dual Band 800/1900 MHz with GPS connector (SX5T-505C)
- Single Band 800 MHz (SX5T-500C)***
- Single Band 1900 MHz (SX5T-500C)***

* Subject to network availability.

** Optional GPS antenna with SX5T-505C only

*** Removable User Identity Module (RUIM) option supported

Phonecell[®] SX5T-500C / 505C

Fixed Wireless Terminal

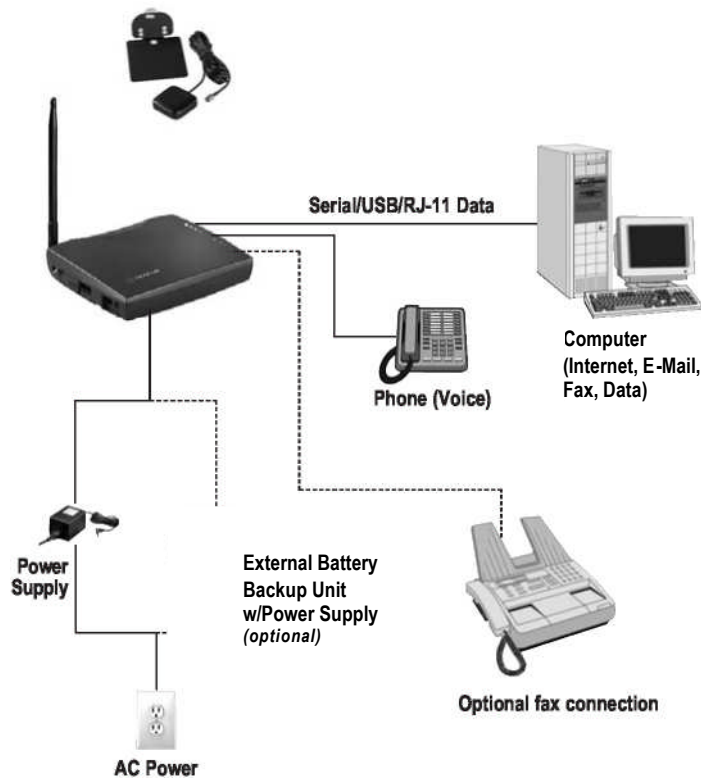


Features

- 1X packet data* (requires Telular serial or USB data cable)
- Circuit switched digital computer fax and data via RJ-11 phone cable (V.8, V.22, V.22bis, V.32, V.32 TCM, V.32bis TCM)*
- Group 3 analog fax (V.17, V.21, V.27ter, V.29)*
- Compatible with popular supplementary services including caller ID, call waiting, 3-way calling, and call forwarding *
- Automatic end-of-dialing (no SEND key)
- Supports up to five phones (5 REN)
- Easy set-up using DTMF telephone or PC
- Simple desktop or wall-mount installation
- 8k EVRC and 13k QCELP vocoder support
- Hotline

Connectivity Options

Optional window mount patch panel GPS antenna (SX5T-505C only).



- Call restrictions (SX5T-500C only)

Specifications

Air Interface Standard

- TIA/EIA/IS-2000A

Transmit Power

- 200 mW (23dBm)

Frequency Ranges

	Transmit	Receive
• CDMA 800	824-849 MHz	869-894 MHz
• PCS(CDMA) 1900	1850-1910 MHz	1930-1990 MHz

Dimensions and Weight

- Metric (cm) 18.2 W x 5.1 H x 21.1 L
- U.S. (inches) 7.1 W x 2.0 H x 8.3 L
- 0.57 kg. (1.3 lb.)

Environment

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

Intelligent RJ-11 Interface

- Ringer equivalence number (REN) 5.0
- Dynamic echo cancellation
- PSTN Emulation

LED Indicators

- Power/Battery status
- Signal status
- Message status
- ON/OFF hook status

Connectors

- Two RJ-11 interface jacks for telephone, Group 3 analog fax, or analog data
- Data port for 1X packet data or circuit-switched digital PC fax/data (optional data cable required)
- TNC antenna connector (50 ohms)
- SMA connector for GPS antenna (SX5T-505C only)
- DC power input jack

Antenna

- 2 dBi dipole antenna included
- Optional higher gain antennas
- Optional window mount patch panel GPS antenna (SX5T-505C only)

AC-to-DC Switching Power Supply (Included)

- Voltage: 110 - 230 VAC
- Frequency: 50/60 Hz
- Plug options: U.S., U.K., Euro., Australia

Emergency Battery Backup (Optional)

- 4 AA batteries provide up to 1 hour talk time and up to 3.5 hours of standby (Batteries Not Included)

External Battery Backup (Optional)

- Provides up to 3.5 hours talk time and up to 15 hours standby time

Approvals

- FCC ID: MTFCDMAFWT2004
- CDG-2 approved with Lucent, Motorola, and Nortel
- Industry Canada: 2175A-2004

* Subject to network availability.



OmniCell Communications
A world Apart