



FWT- 8100

PRELIMINARY

Fixed Wireless Product, 800 MHz

Overview

The Fixed Wireless Product is a stand-alone telephone with digital TDMA and analog AMPS cellular transceiver radio system built-in. It provides extended telephone service bringing subscriber wireless access to a cellular network.



Cellular Specifications

- Fully compliant with AMPS and TIA/EIS/IS-136.1A, 800 MHz TDMA Cellular Radio Interface.
- Power Output: Up to 3.0 watts TDMA, 0.6 watts AMPS
- Frequencies: 824.04 to 848.97 MHz, transmit
869.04 to 893.97 MHz, receive
- Number of channels 832

- Memory locations 102 (9 speed dial, 80 general purpose, 7 scratchpad, 1 Priority / Emergency, 1 One-Touch (M1 key), 1 One-Touch emergency , 3 most recently dialed.)
- Memory Capacity 32 digits per location

Speaker

- Conversation can be monitored by depressing “Speaker” key.

Locking

- A 3-digit code is used to lock and unlock the unit. When in the locked state, calls can be received, but no calls can be dialed out other than security bypass numbers. (One-touch emergency, Priority/Emergency, 911, 119, 000).

Operating Voltage / Power

- Source: 6V external power supply (AC to DC Adapter supplied). Transmit: 1.5A maximum, Standby (Receive): 200Ma
- Automatic Battery Back-up: If AC power is lost, 4 – 1.5V AA alkaline batteries (not included) provide up to 30 minutes talk time.

Interfaces / Connectors

- via DC socket
- TNC Antenna Connector

Physical Specifications

- Size: 8.75” x 6.375” x 1.69” (220 mm x 165 mm x 50 mm)
- Weight: 1.84 pound (836 grams)
- Installation: Desk top or wall mountable with optional mounting bracket

Environmental Specifications

- Temperature: 0°C to +60°C operating
-40°C to +70°C storage

Optional Accessories

- Wall mount bracket



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