

# SPS-5 v9S Alphanumeric Paging System

• 5 Watts • Synthesized Frequency • TAP, COMP1, COMP2, SCOPE Protocols • POCSAG Encoding • UHF/VHF



*"Enhancing Mobile Alert Response"*

Visit Our Website at:

[www.WirelessMessaging.com](http://www.WirelessMessaging.com)

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The WaveWare SPS-5 v9S Alphanumeric Paging System allows you to Automatically Transmit Messages to Industry Standard On-Site POCSAG Pagers with No Monthly Paging Service Fees. You own All the Equipment.

Text, Numeric and Tone / Vibrate Messages can be Immediately Delivered to Industry Standard POCSAG Pagers.

## Features:

The Superior Features of the WaveWare SPS-5 v9S Paging System Include:

- Single RS-232 Serial Com Port (DB-9 Female)
- Supports TAP, COMP1, COMP2, SCOPE, SNPP and WaveWare Proprietary Interface Protocols
- Compatible with Industry Standard POCSAG Pagers
- Supports POCSAG Alphanumeric, Numeric and Tone / Vibrate Messaging at RF Data Rates of 512, 1200 and 2400 bps
- Available in UHF Models (400-430 MHz and 440-470 MHz) or VHF (138-174 MHz)
- Supports TAP Interface Protocol v1.8 with Enhancements Including Control Character Embedding, Extended Pager ID Processing and Function Code Control
- Programmable EEPROM Based Pager Database using Windows Based Programming Software (Included with each System). Pager Database can be Bypassed using Unique Extended Pager ID Formatting Methods
- Programmable Serial Com Port Settings and Protocols
- Programmable Host System Monitoring Function using Timer Triggered Transmission of a Predefined Message if Host System Communications Doesn't Occur for Two Minutes.
- Pagers, Amplification Kits and FCC Site Licensing Services are also Available
- Station ID Transmission
- **NOTE:** The Frequency is **Not** Field Programmable



P/N= 0100-2701 2 or 5 watts

## Compatibility:

The WaveWare SPS-5 v9S Alphanumeric Paging System is Compatible with Many Systems. Including:

- A Variety of Nurse Call Systems
- Fire Alarm Monitoring Panels
- Alarm Contact Monitoring Systems
- A Variety of Security Systems
- Plus other WaveWare Products, including: The STG, MARS and the SNAP-Mini and SNAP-Standard

# SPS-5 v9S Alphanumeric Paging System

• 5 Watts • Synthesized Frequency • TAP, COMP1, COMP2, SCOPE Protocols • POCSAG Encoding • UHF/VHF

## *Beneficial Features:*

The WaveWare SPS- 5 v9S Alphanumeric Paging System offers many Beneficial Features. Including:

- Economical, Eliminating Wide Area Paging Service Fees
- Long Range Campus Wide Coverage (5 watt System Provides up to a 3 mile Coverage, Depending upon the Local On-Site Conditions)
- Supports Alphanumeric, Numeric, and Tone / Vibe Messages
- Supports Paging RF Data Rates of 512, 1200, and 2400 bps, with data rate auto switching
- Industry Compatibility using a choice of Several Industry Standard Interface Protocols
- Pager Database can be Programmed into On-Board EEPROM using Windows Based Programming Software, included with each System. System can Operate without On-Board Pager Database using Extended Pager ID Formatting Method.
- Shared Use FCC Site Licensing available with certain Models
- Add-on Amplification Kits Available for Output of 25, 50, and 100 watts (Contact us for more Details)

## *System Specifications: NOTE: Frequency is Not Field Programmable, Factory Preset Only*

- Model Numbers: SPS-5 v9S UHF (Default) and the SPS-5 v9S VHF (Optional)
- Part Number: 0100-2701 UHF (State: VHF, if Required)
- RS-232 Serial Com Port: Single Serial DB-9 Female Com Port
- Serial Port Configuration: 300, 1200, 2400 or 9600 Baud and Even or No Parity and 7 or 8 Bits
- Antenna Connection: BNC Female
- Paging Message Types: POCSAG Tone / Vibrate, Numeric and Alphanumeric
- RF Data Rate: 512, 1200 and 2400 bps Auto-Switching
- Pager Database: 5,000 Plus EEPROM Programmable using Windows Base Programming Software
- Interface Paging Protocols: TAP, COMP1, COMP2, SCOPE, SNPP and WaveWare Proprietary Protocols
- All Programmable using the Encoder Programming Software (Included with each System)
- Frequency Source: Synthesized Transceiver - TecNet Maxon SD-125E or Apollo TX-200
- Frequency Range: UHF2 (440-470 MHz), UHF1 (400- 430 MHz) and VHF (138-175 MHz)
- Frequency Stability: Models UHF  $\pm 2.5$  ppm, VHF  $\pm 5.0$  ppm
- Operations Rating: Intermittent, 66% Duty Cycle
- Power Supply: 12vDC 3.75A (or Higher Amp) AC / DC Adaptor
- Operating Temperature: 30° C to 60° C (22° F to 140° F)
- Modulation Deviation:  $\pm 2.5$  KHz (Narrowband)
- Bandwidth: 12.5 KHz (Narrowband)
- RF Power Out (Watts): 5 Watts Nominal (Available "Factory Preset" from 1- 5 watts)
- Transmitter FCC ID: UHF = RXUSD-125EU2 (Maxon SD-125) or NDATX200EN (Apollo TX-200)
- Transmitter Canada ID: UHF = 153B-SD125EU2 (Maxon SD-125) or 6706A-TX200 (Apollo TX-200)
- Dimensions: Approx: 9" (H) x 8" (W) x 2" (D)
- Weight: Approx: 8.5 lbs (Including the Antenna, P/S, Cable and Support CD)

## *Packaging:*

The SPS-5 v9S Comes Packaged with Everything you need to Configure and Install the System. Including:

- Qty. One - Rubber Duck Antenna with BNC Male Connector
- Qty. One - 6 to 10 ft. Standard RS-232 Serial Cable – DB-9 Male to Female
- 12vDC Power Supply - AC / DC Adaptor
- Mounting Hardware - Screws and Plastic Wall Anchors
- Support CD with Programming Software, Quick Start Guide, User Manuals, Installation Diagrams & More