

WAVEWARE™

SPS-5 Alphanumeric Paging System

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

The WaveWare SPS-5 Alphanumeric Paging System allows you to automatically transmit messages to industry standard on-site pagers, with no monthly paging service fees. You own all of the equipment.

Text, numeric, and tone/vibrate messages can be immediately delivered to industry standard POCSAG pagers. How does two-second delivery time sound?

The WaveWare SPS-5 Alphanumeric Paging System is compatible with systems using the TAP direct connect interface, including:

- ▶ Rauland Borg Responder™ Nurse Call Systems
- ▶ Emergin Wireless Office™
- ▶ Adaptive Smart Alec™
- ▶ And Many Others

The superior features of the WaveWare SPS-5 Alphanumeric Paging System include:

- ▶ Supports TAP, COMP1, and COMP2 interface protocols, via DIP switch selection
- ▶ Compatible with industry standard POCSAG pagers
- ▶ Supports POCSAG alphanumeric, numeric, and tone/vibe messaging, at RF data rates of 512, 1200, and 2400 bps
- ▶ Available as VHF model (148-174 MHz) or UHF models (400-430 MHz and 440-470 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 of up to 5,994 pagers using Windows based programming software (included with system). Pager database can be bypassed using unique extended pager ID formatting methods.
- ▶ Programmable single dry contact triggered transmission of a predefined message
- ▶ Programmable host system monitoring function, using timer triggered transmission of a predefined message if host system communications don't occur for two minutes
- ▶ Programmable operating frequency (Requires optional Maxon SD-125 programming kit)
- ▶ Pagers, amplification kits, and FCC site licensing services also available. Call for details.



For more information on the SPS-5 Alphanumeric Paging System you can call us at **1-800-373-1466** or you can visit us on the web at <http://www.wirelessmessaging.com>

SPS-5 ALPHANUMERIC PAGING SYSTEM

The WaveWare SPS-5 Alphanumeric Paging System offers many beneficial features, including:

- ▶ Economical, eliminates wide area paging service fees
- ▶ Long range campus wide coverage (5 watt system provides up to 3 mile coverage, depending upon local conditions)
- ▶ Programmable operating frequency, using optional programming kit
- ▶ 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 the TAP protocol serial data interface
- ▶ Pager database can be programmed into on-board EEPROM using Windows based programming software, included with each system. System can operate without onboard pager database using Extended Pager ID formatting method.
- ▶ Shared Use FCC Site Licensing available with certain models
- ▶ Amplification kits available for output of 25, 50, and 100 watts



SYSTEM SPECIFICATIONS

Model Numbers	SPS-5-VHF and SPS-5-UHF
Paging Message Types	POCSAG Tone/Vibrate, Numeric and Alphanumeric
RF Data Rate	512, 1200, and 2400 bps Auto-switching
Pager Database	5,994 Maximum, EEPROM programmed with Windows based programming software
Interface Protocols	TAP, COMP1, or COMP2 via DIP switch
Serial Port Configuration	300, 1200, 2400, or 9600 Baud, Even or No parity, 7 or 8 data bits, via DIP switch
Frequency Source	Synthesizer
Frequency	VHF - 148-174 MHz, UHF1 - 400-430 MHz UHF2 - 440-470 MHz
Operation Rating	Intermittent, 66% duty cycle
Power Supply	12VDC 2A AC/DC Adapter
Dimensions: Size/Weight	8.5"H x 8.5"W x 2"D, 1.5 lb.
Operating Temperature	0° C to +28° C
RF Power Out	5 Watts Nominal
Modulation	+/- 4 kHz
Frequency Stability	VHF model +/- 5.0 ppm UHF models +/- 2.5 ppm
Bandwidth	Narrowband (12.5 kHz) or Wideband (25 kHz)
Transmitter FCC ID	VHF - F3JSDU125V2, UHF1 - F3JSDU125U1 UHF2 - F3JSDU125U2