



## SPS-5 v8 Alphanumeric Paging System

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

The WaveWare SPS- 5 v8 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. SPS- 5 v8 is designed to replace the SPS- 5 v7 paging system.

Text, Numeric, and Tone / Vibrate messages can be immediately delivered to industry standard POCSAG pagers.

The WaveWare SPS-5 Alphanumeric Paging System is compatible with many systems including:

- Nurse Call Systems
- Enterprise Messaging Software
- Alert Utility Software
- Fire Alarm Monitoring
- And Many Others

The superior features of the WaveWare SPS- 5 v8 Paging System include:

- Single or Dual Com Port (**Dual Option, Coming Soon!!**)
- Supports TAP, COMP1, COMP2, SCOPE and WaveWare proprietary interface protocols
- 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 using Windows based programming software (included with 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 don't occur for two minutes
- Programmable operating frequency (Requires optional radio programming kit)
- Pagers, amplification kits, and FCC site licensing services also available.



## SPS-5 v8 ALPHANUMERIC PAGING SYSTEM

The WaveWare SPS- 5 v8 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 radio 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

<b>Model Numbers</b>	SPS-5 v8-UHF and SPS-5 v8-VHF
<b>RS-232 Serial Com Ports</b>	Single or Dual (Option)
<b>Paging Message Types</b>	POCSAG Tone/Vibrate, Numeric and Alphanumeric
<b>RF Data Rate</b>	512, 1200, and 2400 bps Auto-switching
<b>Pager Database</b>	5,000 PLUS, EEPROM programmed with Windows based programming software
<b>Interface Protocols</b>	TAP, COMP1, COMP2, SCOPE or WAVEWARE proprietary
<b>Serial Port Configuration</b>	300, 1200, 2400, or 9600 Baud, Even or No parity, 7 or 8 data bits, Programmable
<b>Frequency Source</b>	Synthesizer
<b>Frequency</b>	UHF2 - 440-470 MHz, UHF1 - 400-430 MHz, VHF - 148-174 MHz
<b>Operation Rating</b>	Intermittent, 66% duty cycle
<b>Power Supply</b>	12VDC 3.75A AC/DC Adapter
<b>Dimensions: Size/Weight</b>	Approx: 9.0"H x 8.5"W x 2"D, 1.5 lb.
<b>Operating Temperature</b>	0° C to +28° C
<b>Power Out (watts)</b>	5 Watts Nominal or 2 Watts (Option)
<b>Modulation</b>	+/- 4 kHz (Wideband) or (Narrowband)
<b>Frequency Stability</b>	UHF models +/- 2.5 ppm, VHF models +/- 5.0 ppm
<b>Bandwidth</b>	Wideband (25 kHz) or Narrowband (12.5 kHz)
<b>Transmitter FCC ID</b>	UHF – MMASD225U2



***“We Deliver Information at the Speed of Light”***