



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 RS-232 Com Port
- 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

Model Numbers	SPS-5 v8 UHF (Default) and SPS-5 v8 VHF (Optional)
RS-232 Serial Com Ports	Single Serial DB-9 Com Port
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 programmed with Windows based programming software
Interface Protocols	TAP, COMP1, COMP2, SCOPE or WAVEWARE proprietary
Serial Port Configuration	300, 1200, 2400, or 9600 Baud, Even or No parity, 7 or 8 data bits, Programmable
Frequency Source	Transmitter - Maxon SD125 U2 or SD-125E U2 or Apollo TX-125 or Midland SD-225
Frequency	UHF2 - 440-470 MHz, UHF1 - 400-430 MHz, VHF - 148-174 MHz
Operation Rating	Intermittent, 66% duty cycle
Power Supply	12VDC 3.75A (or Higher Amp) AC/DC Adapter
Dimensions: Size/Weight	Approx: 9.0"H x 8.5"W x 2"D, 1.5 lb.
Operating Temperature	0° C to +28° C (32° F to 82° F)
Power Out (watts)	5 Watts Nominal or 2 Watts (Option)
Modulation	+/- 4 kHz (Narrowband)
Frequency Stability	UHF models +/- 2.5 ppm, VHF models +/- 5.0 ppm
Bandwidth	Narrowband (12.5 kHz)
Transmitter FCC ID	UHF = RXUSD-125EU2 (Maxon)
Transmitter Canada ID	UHF = 153B-SD125EU2 (Maxon)



“We Deliver Information at the Speed of Light”