Spec Sheet Model 16 Digital Paging Panel

FEATURES

- POCSAG (512 and 1200 baud) and Golay paging formats
- Supports priority paging
- 1000-Pager database with Paging Terminal Software (option)
- Batches pages for efficient air-time usage
- Supports multiple entry stations when used with the Zetron Alphanumeric Paging Program (ZAPP!)
- 500-Character capacity for single page
- Supports Telocator Alpha Protocol (TAP) input with Paging Terminal Software (option)
- Remote control of transmitter (PURC® compatible)
- Simultaneous sending and receiving of pages

INTRODUCTION

The Model 16 Digital Paging Encoder accepts pages from the RS-232 interface either connected directly to a computer or dumb terminal or via a Hayes compatible modem. It then encodes the pages in either POCSAG or Golay format and sends them to the paging transmitter. The Model 16 sends pages of like format to the transmitter in batches so the pager preamble code is only transmitted once, saving valuable air-time and maximizing system throughput.

The Remote control allows control of a remotely located paging transmitter. The Model 16 supports TAP and allows entry of pages directly via a dumb terminal or PC running terminal emulation software.

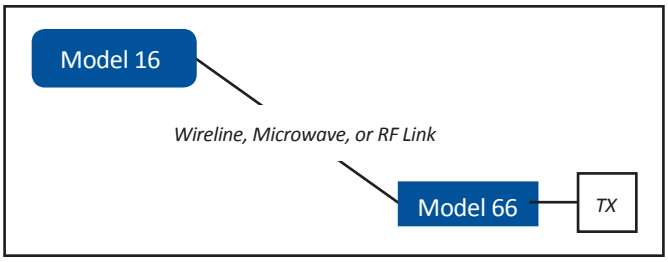
SYSTEM PROGRAMMING

The Model 16 operating parameters are easily setup and modified via a direct RS-232 connection or Hayes compatible modem to an IBM compatible PC or a dumb terminal. User-friendly menus guide the system operator through initial programming of various features such as the communications parameters, transmitter configuration, paging formats, and station ID. The Model 16 is password protected to avoid unauthorized programming access.

Pages may be sent to an individual pager, or to a group of pagers such as a medical team or fire department personnel.

REMOTE CONTROL OPTION

The remote control option allows the Model 16 to control transmitters using the industry standard Motorola protocol (PURC®). Burst tones are generated to control the transmitter and digital data are encoded as modem tones which can be sent over telephone lines or a radio link. This allows the Model 16 to be located away from the main paging transmitter. Zetron's Model 66 can be used at the transmitter site for controlling transmitters that do not support the PURC® protocol. Please see the Model 66 specification sheet for additional information.



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PAGING TERMINAL SOFTWARE OPTION

With the Paging Terminal Software option, the terminal connected to the Model 16 displays menus that allow an operator to enter pages. An internal database stores the paging format (POCSAG 512, POCSAG 1200, or Golay), pager capcode, message type (numeric or alphanumeric), beep code, and allowable message length for each subscriber ID. Then when entering pages, the operator is prompted only for a subscriber ID and message. There can be up to 1000 subscriber ID's stored in the database.

TAP Protocol Support

The Paging Terminal Software option supports the Telocator Alphanumeric Protocol (TAP) through a direct RS-232 connection or a Hayes compatible modem connected to the RS-232 port. Any calling device that supports TAP can then initiate pages to any programmed subscriber ID in the database.

SPECIFICATIONS

Signaling Formats:	POCSAG 512 and 1200 baud, Golay, ±2 ppm digital data stability
Input Protocol:	Manual full capcode paging
Support:	Manual subscriber ID paging with Paging Terminal Software option
	Automatic full capcode paging
	TAP with Paging Terminal Software option
	All programming through RS-232 or modem port with security code
Subscriber Database Attributes:	Pager Capcode Function digit (address) Validation Format assignment Numeric/alphanumeric Tone-only restriction Priority page
Front Panel:	Power and Transmit LEDs
Back Panel:	Removable radio connector: Request, Data, Digital Mode, PTT, Audio (remote control), COR input, Busy input
	Logic outputs selectable RS232 or TTL compatible
	PTT relay rated 26 volts, 1 amp
	9 pin RS232C input
RS-232 Port:	One RS232C compatible serial port
	300, 1200, 2400, 4800, 9600 baud rate field selectable
Power Supply:	11-15 VDC or 9-12 VAC
	Optional 110-120 VAC 60 Hz power adapter
	Optional 220-240 VAC 50/60 Hz power adapter
Operating Temp.:	0 to +50 degrees Celsius

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See Zetron price list for option pricing. Specifications subject to change without notice.

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