



FEATURES

- Rugged NEMA 4X case
- 7-Amp-Hour sealed, lead-acid battery
- Integrated 2-Amp battery charger and power supply
- Standard 40 seconds of voice storage in solid state memory
- Optional additional 40 seconds of voice storage in solid state memory
- Standard Motorola two-tone paging
- Integrated wiring and radio mounting space for RNet, Radius, etc. radios
- Automatic alarm monitoring and reporting via voice or page
- Monitor 8 alarm zones
- Remote control equipment via two control output relays
- Easy to program via phone, radio, or RS-232 terminal mode
- Broadcast voice, tone, or alpha-numeric pages
- Select up to 3 pager codes per alarm
- Connect multiple SentiVoice+ to a single radio for more alarm zones

INTRODUCTION

SentiVoice+ monitors alarm inputs and, upon sensing an alarm condition, automatically transmits voice messages or pages over radio or a public address system. The rugged, industrial SentiVoice+ features a fiberglass NEMA 4X case with integrated gelcel battery and battery charger/power supply. Users can respond to the alarm or page via radio by remotely controlling SentiVoice+ outputs connected to pumps, generators, lights, etc. The SentiVoice+ comes standard with 40 seconds of battery backed voice storage and Motorola two-tone paging.

APPLICATIONS

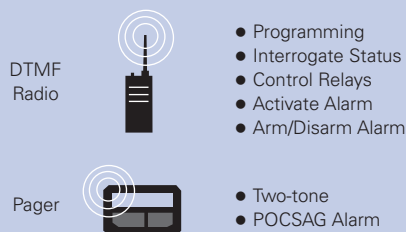
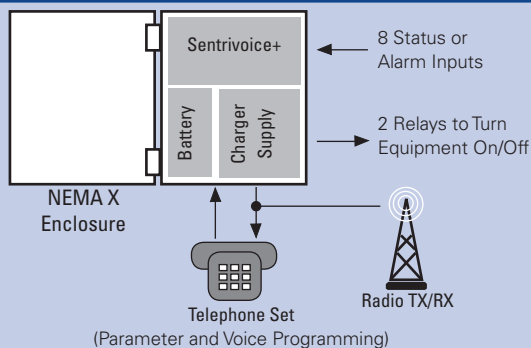
Economical wireless alarm monitoring for remote sites, machine monitoring, process control, manufacturing, and security. Give fewer personnel more capability with automatic voice alerting and remote control via radio. Machines and industrial processes can alert or page service or security personnel automatically.

- Economical, automatic, on-site paging
- Notify maintenance or emergency personnel with voice messages
- Automatic voice annunciator for public address systems
- Monitor and report security at remote RF sites
- Send specific text pages to alphanumeric pagers
- Water/Wastewater system monitoring and control
- Irrigation monitoring & control
- Agricultural monitoring & control
- Lift stations
- Water tanks
- Oil/gas tanks and pipelines
- Poultry production
- Cold storage monitoring
- Construction site monitoring

OPTIONS

- Remote Control Relay (limit 2)
- Spares Parts Kit
- 12 AH battery
- Multiple paging formats (Plectron-POCSAG-5/6)
- Additional 40 seconds voice storage

APPLICATION EXAMPLES



OPERATION AND PROGRAMMING

- Up to 2 voice messages per zone
- Precede messages with two-tone paging tones, DTMF, or siren alert tones
- Messages recorded via phone handset and can be changed remotely via radio
- Send 35 characters of text to 3 different alphanumeric pagers for each alarm input
- Each of the 8 alarm zones can be programmed for a different text message
- Send a different 15 digit DTMF sequence for each of the 8 alarm inputs
- Use Zetron Model 8B to decode 1517 DTMF broadcast
- Radio connections are audio in, audio out, push-to-talk, and COR. Transmit request allows multiple Model 1517s to share same radio
- Program time between alerts to 99 minutes
- Send messages up to 14 times in each alarm cycle
- Send "ALL'S WELL" up to 8 times a day
- Set alarm inputs for normally open, closed, momentary, or status
- Set alarm input debounce time for noisy signals
- Program unit ID & security mode
- Program conventional or trunking radio interface
- Divide voice storage into any length message
- Program up to 3 pager codes for each alarm zones

SPECIFICATIONS

GENERAL

Power	120 VAC, 60 Hz, 1.25-Amp
Temperature	0 to +50 degrees C
Case	15.5" x 13.4" x 6.5" NEMA 4X Fiberglass, mountable on wall
Radio Size Max	10.75" x 7.75" x 3.75"
Weight	23 lbs. without radio
Battery	12VDC 7AH with 12 AH optional
Battery Charger/Supply	2-Amp max at 14.25V

RS-232 INTERFACE (Programming only)

Baud Rate	4800
Parity	None
Bits	8
Stop Bits	1
Radio Interface	
Audio Output	20mV to 2V P-P, 600 ohm
Audio Input	3V P-P max, >30K ohm minimum
Channel Busy	
Input (COR)	1 to 4.5V adjustable
PTT (Push to Talk)	
Output	Relay to gnd, 300 mA max, normally open or closed

I/O SPECIFICATIONS

External Inputs	8 contact closure inputs: Lo <0.8 volts Hi > 2.0 volts Protected to +/- 48 VDC
External Outputs	
Relays (limit 2)	SPDT relay, 120 VAC or 28 VDC, 60 VA max

ZETRON USA

PO Box 97004
Redmond, WA
98073-9704
USA

TEL 425 820 6363

FAX 425 820 7031

zetron@zetron.com

ZETRON UK

27-29 Campbell Court
Bramley TADLEY
Basingstoke RG26 5EG
UK

TEL +44 (0)1256 880663

FAX +44 (0)1256 880491

uk@zetron.com

ZETRON AUSTRALASIA

PO Box 3045
Stafford Mail Centre
Stafford QLD 4053
Australia

TEL +61 7 3856 4888

FAX +61 7 3356 6877

au@zetron.com



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