

Model 1517

SentriVoice+

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 SentriVoice+ to a single radio for more alarm zones

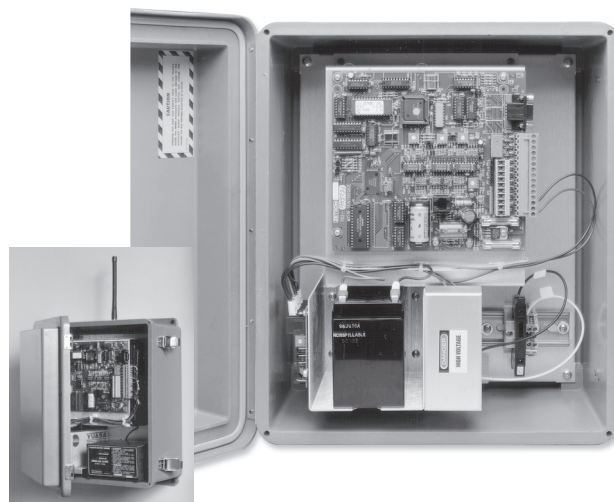
Introduction

SentriVoice+ 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 SentriVoice+ 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 SentriVoice+ outputs connected to pumps, generators, lights, etc. The SentriVoice+ 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

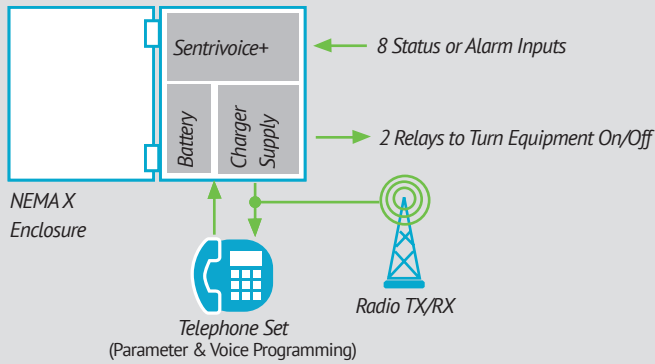
Options

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

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

APPLICATION EXAMPLES



DTMF
Radio



- Programming
- Interrogate Status
- Control Relays
- Activate Alarm
- Arm/Disarm Alarm

Pager



- Two-tone
- POCSAG Alarm

- 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

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

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

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The Power to Respond

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

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