

# MODEL 1517 SENTRIVOICE+

SPEC SHEET

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.

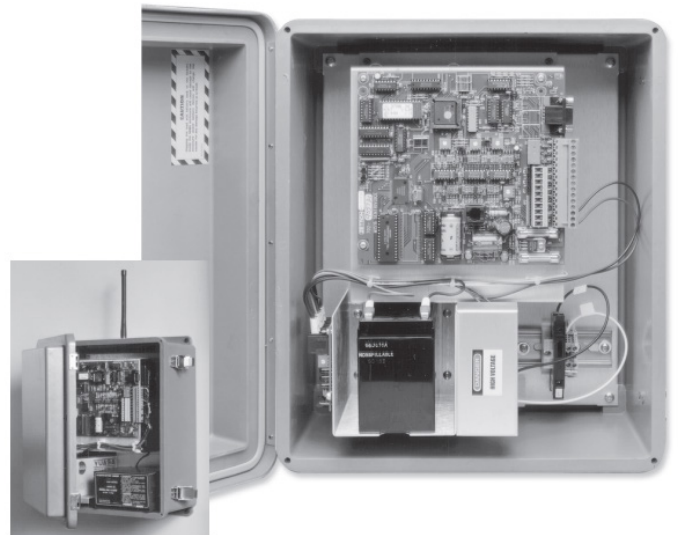
## Applications

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

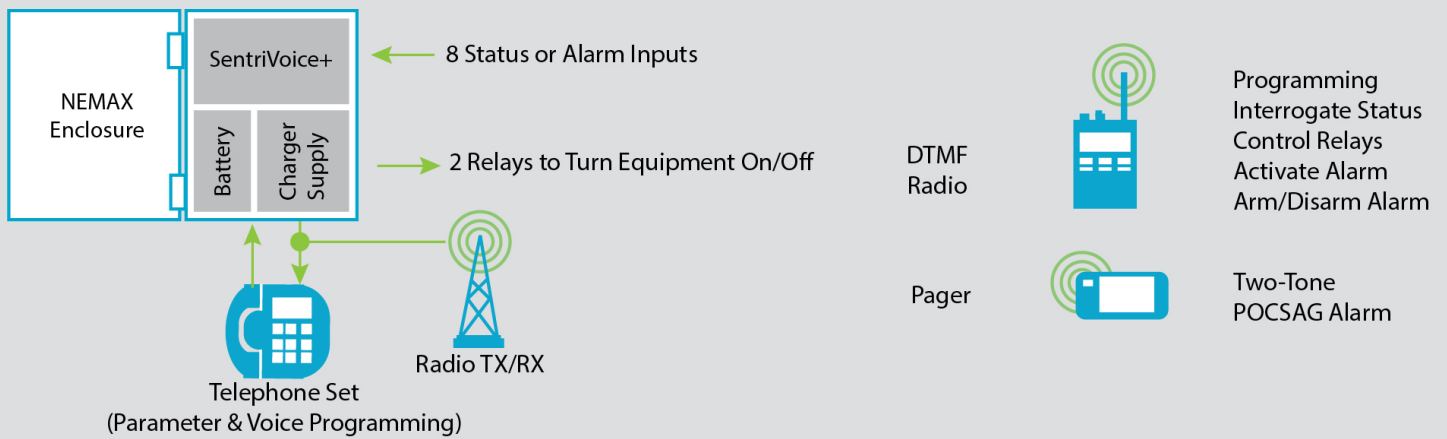


## OPERATION AND PROGRAMMING

- 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
- 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

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## APPLICATION EXAMPLES



## Specifications

### GENERAL

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

### Maximum Power Draw

Media Dock XS: 3W, 200mA (no speakers), 21W (with speakers)
Central: 1.8A @ 10.5 VDC
Radio Gateway: 1A @ 10.5 VDC

### RADIO INTERFACE

<b>Audio Output:</b>	20mV to 2V P-P, 600 ohm
<b>Audio Input:</b>	3V P-P max, >30K ohm minimum

### CHANNEL BUSY

<b>Input (COR):</b>	1 to 4.5V adjustable
<b>PTT (Push to Talk)</b>	
<b>Output:</b>	Relay to gnd, 300 mA max, normally open or closed

### I/O SPECIFICATIONS

<b>External Inputs:</b>	8 contact closure inputs: Lo <0.8 volts Hi > 2.0 volts Protected to +/- 48 VDC
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### EXTERNAL OUTPUTS

<b>Relays (limit 2):</b>	SPDT relay, 120 VAC or 28 VDC, 60 VA max
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