

Model 101
WATCHDOG
VOICE ENUNCIATOR



This voice enunciator is designed to allow the operator to record a 15-second message for broadcasting over a standard pager telephone system. The message can alert personnel of status changes in the monitored piece of equipment. Another feature permits monitoring of heat detection sensor cable. The belt heat detection and notification of open, short, and fire required by CFR 30 are included.

OPERATION: After following the simple instructions for recording a message, a brief warning message to identify personnel of equipment and location where attention is needed will be paged throughout the paging area when the **WATCHDOG** is activated. The warning message is always preceded by a short attention getting siren. The unit can be set up to monitor a closed contact and alarm on opening. It can also be set up to monitor and open contact that alarms on closing. There must not be any voltage on the contacts being monitored. For heat detection operation the unit will notify if the sensor line opens or is shorted. It will also notify of a fire condition.

STATUS INDICATOR: A tri color LED is located in the front panel. This LED is an indication of the **WATCHDOG** status. A GREEN blinking condition indicated the unit is powered and in a monitoring state. When the LED is blinking RED this indicates an alarm condition. A YELLOW blinking LED indicates an alarm has occurred and has returned to a normal condition (contact mode only). When in the heat detection mode RED indicates a fire, YELLOW indicates open, and an alternating GREEN-RED indicates a short.

SWITCHES AND BINDING POSTS: There is a test switch and a reset switch located on the front cover. The on/off power switch is located in the side of the **WATCHDOG**.

The power switch turn off the AC power and Battery. Binding posts are provided for connection to the Pager Phone System and the alarm contacts of heat sensor line.

ALL SOLID STATE: The WATCHDOG has no tape decks of mechanical moving parts. Electronic parts and software operation insure reliable operation. The unit alerts over the pager system every minute (30 seconds for a fire) for 5 minutes. Then every five minutes for the next thirty minutes. Then every thirty minutes for the next 8 hours. Then the unit times out and stops paging, but the unit will not reset automatically. An acknowledgement must be made by manually pressing the reset button on the panel cover. Only if the alarm condition has been corrected will the LED return to a status GREEN condition. If the unit is monitoring a heat detection cable it will alarm every 30 seconds as long as the fire condition exists.

SPECIFICATIONS:

Input voltage	120VAC
Output voltage	12VDC
Idle current	8mA
Backup Battery	12 volt 1.2ah
Message is stored on a chip	
Record Microphone on PC board	
Nonmetallic enclosure	