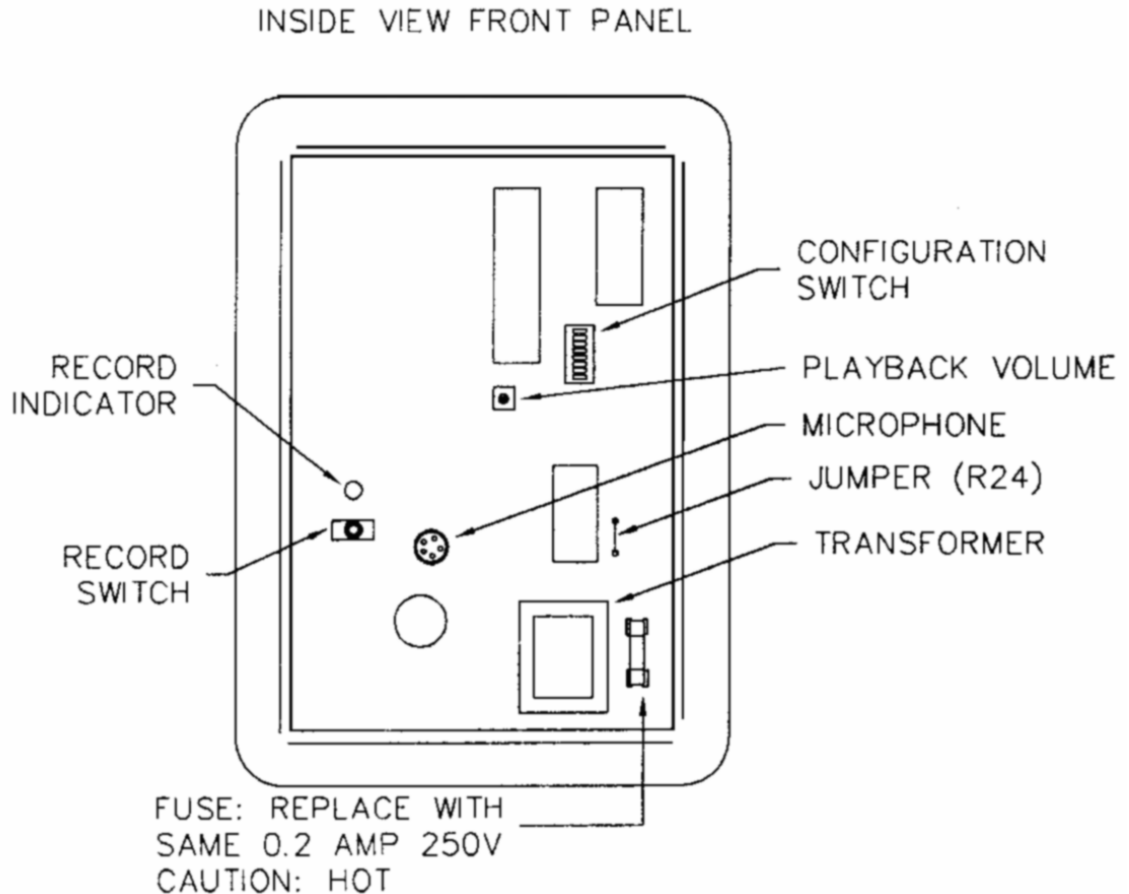


# RECORDING A MESSAGE

WATCHDOG ENUNCIATOR

GENCO MINE SERVICE P.O. BOX 581 HUNTINGTON, UT 84528 (435) 687-2464

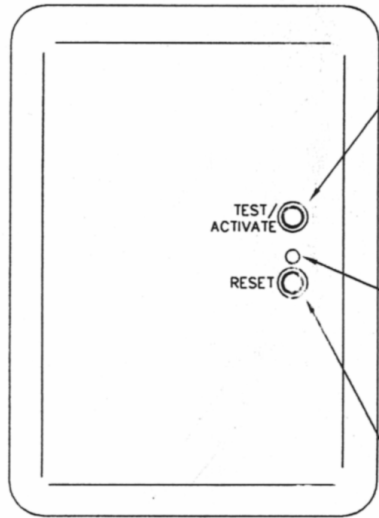


1. Hold down the record switch. The record indicator starts yellow and then will turn green. While the record indicator is yellow the enunciator is erasing the previous message. Note: some versions of the enunciator may not have this yellow stage.
2. Continue to hold down the record switch. When the record indicator turns green, begin speaking your message into the microphone. Hold unit approximately 6 inches to 1 foot away from your mouth. The recorder circuit has automatic level control. Caution: Circuit to the right of the transformer is hot. Exercise care when handling circuit from the inside.
3. When done speaking, release the button. The recording will stop here. The unit can handle a maximum of 16 seconds of a message. If recording time exceeds 16 seconds, and button is still being pushed the record indicator will turn red, indicating that the recording time has been used up.

One of the page phone lines is grounded through the jumper (R24) as shown above. If this causes problems (noise) with the page phone system, remove the jumper by cutting it.

Battery has a 2-amp mini blade fuse for protection. Replace with same type 2-amp mini-blade ATO type fuse. (LITTLEFUSE 2972.0)

## ENUNCIATOR FRONT PANEL



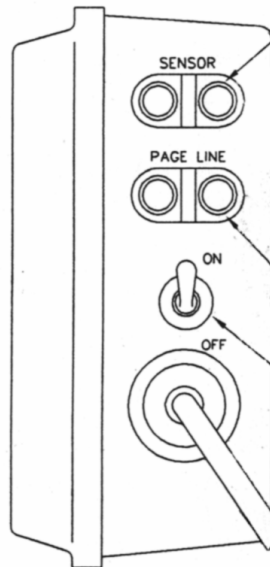
**\*TEST/ACTIVATE\***  
 CAUSES CLOSED CONTACTS  
 IN DRY CONTACT MODE  
 CAUSES SHORT CIRCUIT ON  
 DIODE HEAT DET CABLES  
 CAUSES FIRE ON SIMPLE SWITCH  
 FIRE SUPPRESSION CABLES

**\*STATUS INDICATOR\***  
 FLASH RED ON ALARM  
 FLASH YELLOW ON  
 ALARM HELD  
 FLASH GREEN ON  
 ALARM RESET/CLEARED  
 WHEN RESET HELD IN  
 HEAT DET MODE  
 RED ON FIRE CONDITION  
 YELLOW ON OPEN CONDITION  
 RED/GREEN ON SHORT CONDITION

**\*RESET\***  
 RESETS ALARMS AND  
 CHECKS LINE STATUS

## CONNECTIONS TO ENUNCIATOR

RIGHT VIEW



HEAT DETECTION LINE  
 FIRE SENSOR LINE  
 DRY CONTACT CONNECTION  
 (POLARITY UNIMPORTANT)

DO NOT CONNECT HEAT DETECTION  
 SENSOR/FIRE SENSOR/DRY CONTACT  
 TO ANY OTHER EQUIPMENT.  
 LINES MUST BE ISOLATED FROM  
 OTHER EQUIPMENT

PAGE LINE CONNECTIONS

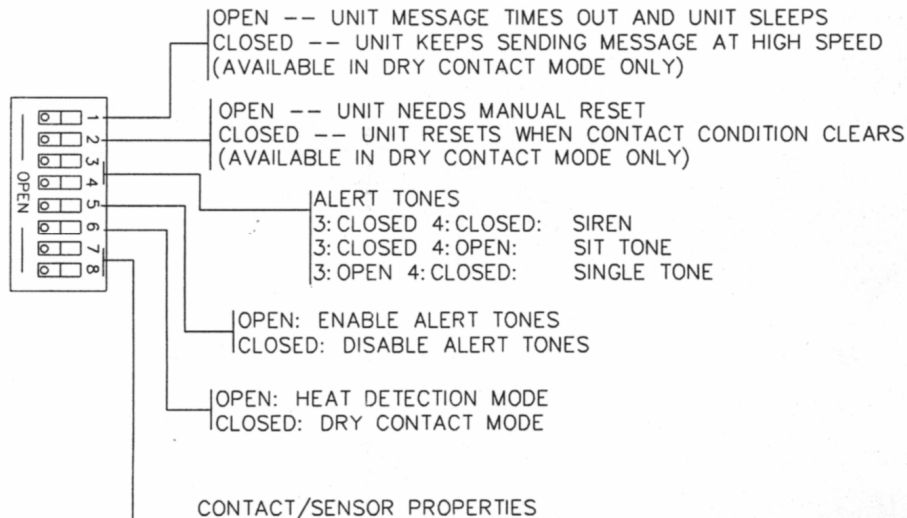
POWER SWITCH

POWER CORD

WATCHDOG ENUNCIATOR

GENCO MINE SERVICE P.O. BOX 581 HUNTINGTON, UT 84528 (435) 687-2464

## CONFIGURATION SWITCH



### CONTACT/SENSOR PROPERTIES

DRY CONTACT MODE	HEAT DETECTION MODE
7: CLOSED: ALARM WHEN CONTACT CLOSED 7: OPEN: ALARM WHEN CONTACT OPEN	7: CLOSED 8: CLOSED USES HEAT DETECTION CABLE WITH DIODES IN SWITCH AND 2.43K TERMINATOR RESISTOR
8: CLOSED: 1.2mA (10k) LOOP SWITCH CURRENT	7: CLOSED 8: OPEN USES FIRE SUPPRESSION CABLE WITH STRAIGHT WIRED SWITCHES AND DIODE TERMINATOR
8: OPEN: 12mA (1k) LOOP SWITCH CURRENT	7: OPEN 8: CLOSED USES FIRE SUPPRESSION CABLE WITH STRAIGHT WIRED SWITCHES AND 2.43K TERMINATOR RESISTOR

UNIT WILL ALERT EVERY MINUTE (30 SECONDS FOR FIRE) FOR 5 MINUTES,  
 THEN EVERY 5 MINUTES FOR 30 MINUTES, THEN EVERY 30 MINUTES FOR  
 8 HOURS. THE UNIT THEN STOPS PAGING, BUT WILL NOT RESET UNTIL  
 SOMEONE HITS THE RESET BUTTON. THE UNIT WILL NOT RELINQUISH THE  
 30 SECOND PAGE CYCLE IF THE UNIT STILL SEES A FIRE CONDITION.  
 THE UNIT WILL NOT RESET IF A FIRE CONDITION EXISTS. IF A NEW ALARM  
 CONDITION IS DETECTED, THE CYCLE RESTARTS.

DRY CONTACT MODE SWITCH POSITION 8 AVAILABLE FOR VERSION 1.1 AND  
 BEYOND ONLY. VERSION 1.1 OF THE PROGRAM HAS A 1.1 LABEL ON THE  
 LARGE CHIP.

WATCHDOG ENUNCIATOR  
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