

OPERATION:

THE POWER LED ON THE No. 1021/4021 SHOULD BE LIT AT ALL TIMES. If out, A.C. failure is indicated and the system is operating on battery. Check plug-in transformer or for power failure (or call serviceman).

IMPORTANT: Wait at least 5 seconds between successive attempts at arming or disarming with the No. 5240 or it will not be possible to successfully enter the next disarm/arm code. **Exception:** The 5 second wait can be eliminated by keying any digit not used in the 4 digit code and then the code.

To Arm Burglary System:

1. Make sure the A.C. POWER LED is lit.

2. If remaining on premises after arming, the Interior Zone (see 4 below) and ENTRY DELAY may be turned OFF if desired.

Note: The Interior Zone may not be turned OFF after arming (although turning it ON is permissible). The ENTRY DELAY may be turned OFF only while the system is armed. It is turned ON by subsequent operation of the ENTRY DELAY (INSTANT) switch or automatically at arming time.

3. The GREEN Loop Status LED on the No. 5240 should be lit to indicate that the Perimeter, Interior and Entry/Exit (Delay) Zones are properly closed and the system is ready for arming.

If the Loop Status LED is NOT lit, check the ZONE STATUS LEDs on the No. 1021/4021. A lit zone LED indicates a fault or an alarm is in memory which must be cleared (or the INTERIOR turned OFF via the No. 5240 if the Interior Zone LED is lit and the problem can't be corrected) before the system can be armed. Make sure the exit door is closed! If no zone LEDs are lit and the Loop Status LED is NOT lit, it is an indication that alarm memory (i.e. panic) is still present. Activate the FIRE RESET switch downward to clear memory.

4. Enter the arming code at the No. 5240 (followed by "0" within 3 seconds if the Interior Zone is to be turned OFF). The RED Arming Status LED should light steadily (or flash if the Interior Zone is turned OFF). The Perimeter and Interior Zones arm immediately and the Entry/Exit (Delay) Zone's exit delay period begins.

If a three second steady buzz sounds at the No. 5240, it indicates that arming is being attempted with a faulted zone. If the fault is in the Interior Zone and the "0" key is depressed during the 3 seconds, the buzz will cease and the RED Arming Status LED will remain lit. If the buzz continues to its conclusion, the Arming Status LED will not stay lit and the system was not armed!

5. If leaving the premises, depart before the exit delay period ends, via the entry/exit door.

To Disarm Burglary System:

1. When entering the premises, enter only via the entry/exit door. A steady buzzing will sound (at a No. 5240) during the entry delay period. Go directly to a No. 5240 and enter the disarm code.

2. If already within the premises, enter the disarm code at a No. 5240.

3. Observe if any of the ZONE LEDs on the No. 1021/4021 are lit (will be lit if an intrusion alarm has taken place during the armed period). If the fault conditions are no longer present, operation of the FIRE TEST/RESET switch to the RESET position will turn off the ZONE LEDs.

Note: While the system is disarmed, the GREEN Loop Status and RED ZONE STATUS LEDs will go on and off as the protective loops open and close during normal operation of doors, windows, etc.

To Test Fire System:

The fire system should be tested at least every week.

Important: If the fire system is connected to a central monitoring station, they should be alerted before conducting any test.

1. Push the FIRE TEST/RESET switch on the No. 1021/4021 upward to Test and hold it. The fire alarm will sound (loud steady siren), the FIRE LED on the No. 1021/4021 will light and the fire alarm supplemental output trigger will be produced. During the test, the battery is checked by the sounding of the speakers from the battery. Release the switch; the sound should continue.

2. Reset the system by operating the FIRE TEST/RESET switch momentarily downward to the RESET position.

To Test Burglary System:

The burglary system should be tested as follows at least every month:

Important: If the system is connected to a central monitoring station, they should be alerted before conducting any test.

1. Arm the system.

2. Fault the Perimeter Zone by opening a protected window or other location.

3. The siren speaker in No. 4021 and any external speaker sounds immediately (loud, warbling sound) and the burglary supplemental output trigger activates.

4. Disarm the System.

To Initiate A Panic Alarm (at any time):

1. a. Depress a remote panic switch momentarily, or
b. At No. 4021, depress optional POLICE PANIC switch momentarily, or
c. Remotely or at No. 4021, depress * and # keys simultaneously on No. 5240 momentarily:
Immediately, a loud, warbling siren will sound (if panic was selected as audible), the GREEN Loop Status LED on the No. 5240 will be turned off and the panic supplemental output trigger will activate.
2. To reset, enter the arm/disarm code at the No. 5240.

To Manually Initiate a Fire Alarm (at any time):

1. a. Depress a remote open circuit fire panic switch, or
b. At No. 4021, depress optional FIRE PANIC switch momentarily, or
c. Push FIRE TEST/RESET switch upward, momentarily, at the No. 1021/4021.
Immediately, a loud steady siren will sound, the RED FIRE LED will light steady and the fire supplemental output trigger will activate.
2. To reset, push FIRE TEST/RESET switch downward, momentarily at the No. 1021/4021.

Audible and Visual Indications:

LOUD STEADY SIREN INDICATES FIRE ALARM. EXIT IMMEDIATELY. CALL FIRE DEPARTMENT. FIRE LED on No. 1021/4021 will be lit. To silence and reset after source of alarm eliminated, operate FIRE RESET switch. The Fire Alarm will also be silenced when the automatic alarm cutoff period expires if not previously silenced manually.

LOUD WARBLING SIREN: A) DURING DAY (SYSTEM DISARMED) INDICATES AUDIBLE PANIC ALARM, B) DURING NIGHT (SYSTEM ARMED) INDICATES BURGLARY ALARM OR AUDIBLE PANIC ALARM. Appropriate ZONE LED(s) will be lit. The alarm will silence when the automatic alarm cutoff period expires or when the system is disarmed, whichever occurs first.

LOW LEVEL PULSATING SOUND FROM No. 5240's BUZZER INDICATES FIRE SYSTEM ZONE TROUBLE. FIRE LED on No. 1021/4021 will be flashing. When the trouble is cleared, the sound will be silenced and the FIRE LED will go out.

STEADY LOW LEVEL SOUND FROM No. 5240's BUZZER SOUNDS DURING ENTRY DELAY PERIOD.

STEADY LOW LEVEL BUZZ AT ARMING (LASTING FOR 3 SECONDS) INDICATES THAT SYSTEM HAS A FAULTED ZONE. AT THE END OF THIS PERIOD, THE SYSTEM WILL REVERT TO THE DISARMED STATE.

TURNING SYSTEM OVER TO SUBSCRIBER:

1. Fully explain the operation of the system to the subscriber by going through each of the features as well as the OWNERS MANUAL supplied.
2. Describe to him the operation of each zone. Clarify which zones are used at night and which contacts or devices are connected into the INTERIOR ZONE.
3. Encourage him to find and remedy his own bad loop when setting the alarm. Show him how to bypass the Interior Zone by using the "0" key on the No. 5240.

GENERAL SPECIFICATIONS:

Physical:

	No. 1021	No. 4021
Width:	8" (20.3 cm)	11" (27.9 cm)
Height:	15" (28.1 cm)	8" (20.3 cm)
Depth:	3" (7.6 cm)	3" (7.6 cm)

Electrical:

Voltage: 12V. AC (from No. 1322 Plug-In Transformer)

Current (per loop): 4 ma

Maximum Permissible Resistance (per loop): 300 Ohms (plus 1000 ohm end-of-line resistor, where used.)

Siren Driver Load: 8 ohms minimum (6 Watt minimum speaker rating)

Fuses: One 3 Amp fuse (No. 90-12) for fire and auxiliary power.

One 1 Amp fuse (No. 90-17) for siren speaker power.