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I. DESCRIPTION OF CONTROLS

DISPLAY
See individual Operating Procedures

RESET
Enables system functions to be manually reset*

SCAN
Enables sequential zone and user scan

BYPASS
Enables selective zone bypass*

ENTER
In Program mode, enables entering of program information

MEMORY
Enables display of system history*

PROGRAM
Enables programming of PINs, Groups, Clock, Schedules, Authorization Levels, Duress*

MONITOR
Use to select Monitor Mode of controlled zones*

CLEAR
Use to return to NEXT COMMAND or SET CLOCK condition, or to SYSTEM PROMPT, or to CLEAR an entry

EMERGENCY
Depression of both buttons at the same time (for 1 second) automatically sends an emergency signal to the central station*

LOGO
Illuminates red or green, depending on system status

10-Digit Keyboard
Use to select your Personal Identification Number (PIN). PIN must be entered prior to performing all functions

* Check with your alarm company for these features
II. GENERAL INFORMATION

A. Personal Identification Number (PIN)
   1. Each user can have his own PIN (up to 32 users)
   2. PINs are always 4 digits
   3. When programming, the first digit displayed refers to the authorization level, and the next four digits are the PIN.
   4. Entering a PIN already in the system will display "DUPLICATE PIN". Re-enter another number.
   5. Each user may have his own duress code, or a common Duress Code number can be used. The Duress Code allows the user to Arm or Disarm, and automatically sends a silent emergency signal to the central station.

B. Authorization Levels
   There are four authorization levels:
   - **Level 1**: User can arm system, arm groups, disarm system, disarm groups, bypass zones, program other PINs, set open/close schedules, set the clock, extend close time, and set holiday schedules. (Capability to set open/close schedules and the clock will be preset at the time of installation.)
   - **Level 2**: User can arm system or groups, disarm system or groups, and bypass zones
   - **Level 3**: User can arm and disarm system or assigned groups only
   - **Level 4**: User can arm system or groups only
   - **User #1 always has authorization level 1 and this cannot be changed.**

C. Power Failure Indication
   Your security system is supplied with rechargeable standby batteries in case of a power failure.
   - If a power failure should occur, the logo (green or red) will start flashing. This indicates your alarm system is now operating on battery only. If there has not been a general power failure, you should check to see if someone has turned off the circuit breaker or unplugged the transformer which operates your alarm system. If you cannot correct the problem, please notify your alarm company.

D. Identifying Zones in Trouble
   Display will read:
   
   ![XX ZONES IN TROUBLE]

   Enter your PIN and press SCAN. Trouble zones appear in display.
E. Sequential Zone Scanning

All user authorization levels can scan zones by entering their PIN and pressing (SCAN) repeatedly.

F. Brightness Adjustment for Personal Control with Backlit Display

To increase brightness, press (BYPASS) and (ENTER) simultaneously.

To decrease brightness, press (SCAN) and (MEMORY) simultaneously.

G. Closing Window

Your system may be pre-programmed with a Closing Window. A system with this pre-programmed feature must be armed within the Closing Window time period. If the system is not armed within the Closing Window, a signal can be sent to the central station indicating a failure to arm during the Closing Window.

H. Opening Window

Your system may be pre-programmed with an Opening Window. A system pre-programmed with an Opening Window must be disarmed within the Opening Window time period. If the system is not disarmed during the Opening Window, a signal may be sent to the central station indicating a failure to open during the Opening Window.

I. Special Situation

Display will read: NO RESPONSE FROM EXP BRDS XXXX

The Personal Control will also sound an audible signal. Please notify your alarm company.

J. Power Test

NOTE: Your system may have been programmed for the optional Battery Test. If so, 2 minutes after disarming the system, the logo will flash and the display will read:

POWER TEST IN PROGRESS

At this time you cannot perform another function. After a predetermined time the system will return to:

DATE TIME ZONES NORMAL

Consult your alarm company for this time.
III. STANDARD SYSTEM: NO GROUPS

III. A. Securing the System (Before Arming)

1. If all zones are secured, the display should read:

   DATE TIME
   ZONES NORMAL

Note: this text may have been changed by the installer.*

If so, proceed to paragraph III-B. Arming the System.

2. If some zones are violated, the bottom line of the display will be blank:

   DATE TIME

3. Enter your 4-digit PIN and press (ARM) The display will read:

   XX ZONES NOT READY

   (XX indicates number of zones open). Press (SCAN)

4. If more than one zone is open, repeated depression of (SCAN) will indicate each open zone.

7. Then press (CLEAR)
   The display will read:

   NEXT COMMAND

   The system can now be armed.

5. Secure or Bypass the open zones. The display will now read NORMAL or BYPASS for these zones.

6. With all zones secured and/or bypassed, the display will read:

   ALL ZONES READY

   (Refer to section VIII. for BYPASS instructions.)

* Check with your alarm company for these features.
III. STANDARD SYSTEM -- NO GROUPS (Continued)

III. B. Arming the System

There are 3 modes of arming the system:

A: Everyone leaves the premises
B: Everyone stays within the premises
C: Some one stays on the premises or leaves, allowing re-entry through designated delay door

With all the zones secured, the display will read

DATE TIME
ZONES NORMAL

**MODE A: ARMING IN OFF-PREMISE MODE**

Enter a valid PIN and press **ARM**. The display will read

SYSTEM ARMING
EXIT NOW

If you are leaving the premise, you must exit through the designated delay zone within the exit delay time. After the delay time has expired, all zones will be armed and the display will read

SYSTEM ARMED

The illuminated logo will now change from green to red.

**MODE B: ARMING IN ON-PREMISE MODE**

Enter a valid PIN and press **ARM**.

If you are staying on premise, the system will arm with all interior zones off, and all doors will be instant. After the delay time has expired the display will read

ARMED
ON PREMISE

The illuminated logo will now change from green to red.

**MODE C: ARMING IN A COMBINED OFF PREMISE AND ON-PREMISE MODE**

Enter a valid PIN and press **ARM/AUX**

You can either stay on premise or exit through the designated delay zone within the delay time. After the delay has expired, the system will arm with all the interior zones off, and the designated door will be preset for delayed entry. The display will read

ARMED AUXILIARY

The illuminated logo will now change from green to red.
PARTIAL ARMING

There are 3 modes of arming the system:
A: Everyone leaves the premises  
B: Everyone stays within the premises  
C: Some one stays on the premises or leaves, allowing re-entry through designated delay door

1. If all zones are secured, the display should read
   DATE TIME 
   ZONES NORMAL

   If so, proceed to paragraph IV-B ARMING THE SYSTEM.

2. If some zones are violated, the bottom line of the display will be blank.

3. After selecting your mode of arming (Mode A, B or C), enter a valid PIN and press (ARM) or (ARM/AUX).
   The display will scroll preprogrammed groups. Select the group to arm.

4. If the violated zones are not in the selected Group, the display will read
   SYSTEM ARMING EXIT NOW

5. If the violated zones are in the selected Group, the display will read
   DATE TIME
   XX ZONES NOT READY 
   (xx designates number of zones open).
   Press (SCAN)

6. If more than one zone is open, repeated depression of SCAN will indicate each open zone.

7. Secure or bypass the open zones. The display will now read NORMAL or BYPASSED for these zones.

ZONE 1 IS NORMAL
(Refer to Section VIII for Bypass instructions.)

8. With all zones secured and/or bypassed, the display will read
   ALL ZONES READY

9. Then press (CLEAR)
   The display will read
   NEXT COMMAND

The system can now be armed.
IV-B. ARMING THE SYSTEM

PARTIAL ARMING

There are 3 modes of arming the system:
A: Everyone leaves the premises
B: Everyone stays within the premises
C: Some one stays on the premises or leaves, allowing re-entry through designated delay door

With all zones secured the display will read

DATE TIME ZONES NORMAL

MODE A: ARMING IN OFF-PREMISE MODE
Enter a valid PIN and press (ARM)
The display will scroll preprogrammed groups.
Press the number of the group you want to arm. If all the zones are secured the display will read

SYSTEM ARMING EXIT NOW

If you are leaving the premise you must exit through the designated delay door, within the selected group, within the exit delay time. After the delay time has expired all zones of the selected group will be armed and the display will read

SYSTEM ARMED GROUP NAME

The illuminated logo will now change from red to green.

MODE B: ARMING IN ON-PREMISE MODE
Enter a valid PIN and press (ARM)
The display will scroll preprogrammed groups.
Press the number of the group you want to arm. If all zones are secured, the display will read

SYSTEM ARMING EXIT NOW

If you are staying on premise, the system will arm with all interior zones of the selected group off, and after the delay time has expired the display will read

ARMED ON PREMISE GROUP NAME

The illuminated logo will now change from red to green.

MODE C: ARMING IN A COMBINED OFF-PREMISE AND ON-PREMISE MODE
Enter a valid PIN number and press (ARM/AUX)
The display will scroll preprogrammed groups.
Press the number of the group you want to arm. The display will read

SYSTEM ARMING EXIT NOW

You can either stay on premise or exit through the designated delay door, within the selected group, within the exit delay time.
After the delay time has expired, the selected group will arm with all interior zones off, and the designated door will be preset for entry delay. The display will read

ARMED AUXILIARY GROUP NAME

The illuminated logo will now change from red to green.
V-A. SECURING THE SYSTEM

(BEFORE ARMING)

GROUP ARM/USER

There are 3 modes of arming the system:

A: Everyone leaves the premises
B: Everyone stays within the premises
C: Someone stays on the premises or leaves, allowing re-entry through designated delay door

1. If all zones are secured, the display should read

DATE TIME
ZONES NORMAL

If so, proceed to V-B: ARMING THE SYSTEM

2. If some zones are violated, the bottom line of the display will be left blank

DATE TIME

3. After selecting your mode of arming (Mode A, B or C) enter a valid PIN and press [ARM] or [ARM/AUX]

4. If the violated zones are not within the groups authorized by your PIN, the display will read

SYSTEM ARMING EXIT NOW

5. If the violated zones are in one of the groups that your PIN is authorized to arm, the display will read

ZONE 1 IS OPEN

6. If more than one zone is open, repeated depression of [SCAN] will indicate each open zone.

ZONE 1 IS OPEN

7. Secure or Bypass the open zones. The display will now read NORMAL or BYPASS for these zones.

ZONE 1 IS NORMAL

or

ZONE 1 IS BYPASSED

8. With all the zones secured and/or bypassed, the display will read

ALL ZONES READY

9. Then press [CLEAR] The display will read

NEXT COMMAND

The system can now be armed.
V-B. ARMING THE SYSTEM

GROUP ARM/USER

There are 3 modes of arming the system:
A: Everyone leaves the premises
B: Everyone stays within the premises
C: Some one stays on the premises or leaves, allowing re-entry through designated delay door

TO ARM ALL GROUPS:
Enter a valid PIN and within 5 seconds press (ARM)
Then follow the arming instructions for Mode A or B.

TO SELECT A GROUP:
Enter a valid PIN and within 5 seconds press (ARM/AUX)
The display will scroll the groups authorized by the PIN.
Select the group(s) by pressing the number(s) corresponding to the group. Press (ARM) or (ARM/AUX) and follow the arming instructions for Mode A, B or C.

MODE A: ARMING IN OFF-PREMISE MODE
Enter a valid PIN and press (ARM) if all zones are secured the display will read
SYSTEM ARMING EXIT NOW

If you are leaving the premise, you must exit through the designated delay door within the selected group(s), within the exit delay time. After the delay time has expired, all zones within the selected group(s) will be armed, and the designated delay door will be preset for delayed entry. The display will read
SYSTEM ARMED GROUP NUMBER(S)

(* Group numbers will be flashing)
The illuminated logo will now change from green to red.

The illuminated logo will now change from green to red.

MODE B: ARMING IN ON-PREMISE MODE
Enter a valid PIN and press (ARM) if all zones are secured, the display will read
SYSTEM ARMING EXIT NOW

If you are staying on premise, the selected group(s) will arm with all interior zones off, delay zones will become instant, and after the delay time has expired the display will read
SYSTEM ARMED GROUP NUMBER(S)

(* Group numbers will be flashing)
The illuminated logo will now change from green to red.

MODE C: ARMING IN A COMBINED OFF-PREMISE AND ON-PREMISE MODE
Enter a valid PIN and enter (ARM/AUX) The display will scroll the groups authorized by the PIN. Select the GROUP(s) by pressing the number(s) corresponding to the groups. Press (ARM/AUX) if all zones are secured the display will read
SYSTEM ARMING EXIT NOW

You can either stay on premise or exit through the designated delay door within the delay time. After the delay time has expired, the group(s) assigned to your PIN will arm with all interior zones off, and the designated door will be preset for delayed entry. The display will read
SYSTEM ARMED GROUP NUMBER(S)

(* Group numbers will be flashing)
The illuminated logo will now change from green to red.
VI. DISARMING THE SYSTEM

STANDARD & PARTIAL/ARM SYSTEMS

In an Off-Premise mode, you must enter through the designated delay zone. The Personal Control will sound an audible signal to remind you to turn off the system within the pre-programmed entry delay time. The system can be programmed to delay the audible signal to meet your specific requirements.

When entering a premise where alarms have occurred during the armed period, the Personal Control will immediately sound a pulsing tone to indicate that alarms have occurred while you were away.

Enter a valid PIN to disarm. The display will read

```
NEXT COMMAND
```

Press CLEAR or in 15 seconds the system will automatically return to

```
DATE TIME
ZONES NORMAL
```

If the system was in an alarm condition prior to disarming, then upon disarming the display will read

```
XX ALARMS OCCURRED
```

(xx designates the number of zones violated)

Press SCAN The first zone which went into alarm will be displayed.

```
FIRST ALARM
ZONE 1
```

Press SCAN again. Other zones that were violated will be displayed in the sequence in which they occurred.

```
SECOND ALARM
ZONE 3
```

Press CLEAR to return to

```
NEXT COMMAND
```

Press CLEAR to return to

```
DATE TIME
ZONES NORMAL
```
VII. DISARMING THE SYSTEM

NOTE: YOU CAN ONLY DISARM THE GROUPS PROGRAMMED TO YOUR PIN.

Enter a valid PIN and the display will read

DISARM?
GROUP NUMBER(S)

You can either press CLEAR or in 15 seconds all groups assigned to your PIN will automatically be disarmed, and the system will return to

SYSTEM ARMED

with the remaining group numbers that are still armed in the display or if all groups have been disarmed, then the system will return to your normal standby non-armed display.

TO SELECTIVELY DISARM A GROUP
Enter a valid PIN. The display will read

DISARM?
GROUP NUMBER(S)

Select and press the key(s) of the group(s) you wish to disarm. Those group numbers will be disarmed and disappear from the display.

You can either press CLEAR or wait 15 seconds for the system to return to the armed condition with the remaining armed groups displayed.

If the system was in an alarm condition prior to disarming, then upon disarm the display will read

XX ALARMS OCCURRED
(xx designates the number of zones violated)

Press SCAN. The first zone which went into alarm will be displayed.

FIRST ALARM
ZONE 1

Press SCAN again. Other zones that were violated will be displayed in the sequence in which they occurred.

SECOND ALARM
ZONE 3

Press CLEAR to return to

NEXT COMMAND

Press CLEAR to return to

DATE TIME
ZONES NORMAL
TO RESET SMOKE DETECTORS

Enter a valid PIN and press **RESET**
The display will read

**NEXT COMMAND**

SPECIAL PIN

This is an option that can be used for door strike applications.
Check with your alarm company for this option.
VIII. ZONE BYPASSING

A. BYPASSING A ZONE

Enter a valid PIN and press (SCAN) until selected zone is displayed. ZONE X and its status will appear in the display (X designates the zone number).

Press (CLEAR) to return to

NEXT COMMAND

Press (ARM) or (ARM/AUX) or press (CLEAR) to return to

DATE TIME ZONES BYPASSED

NOTE: All zones bypassed will remain bypassed until system is armed and disarmed. Then all bypasses will be automatically cancelled.

To Bypass this zone, press (BYPASS) The display will read

ZONE X IS BYPASSED

Press (SCAN) to step through all the zones in this manner, and select the ones you wish to manually bypass.

B. TO RESET A BYPASSED ZONE

Enter a valid PIN and press (SCAN) until selected zone is displayed.

Press (RESET) The display will now read NORMAL for that zone (unless it is open or in trouble).

ZONE X IS BYPASSED

Press (SCAN) to identify other zones to be reset and repeat the above procedure. Press (CLEAR) to return to

NEXT COMMAND

Press (CLEAR) to return to

DATE TIME ZONES NORMAL

IX. MONITOR MODE

Enter a valid PIN and press (MONITOR) MONITOR MODE will appear and remain in the display until cancelled.

MONITOR MODE

Activation of each zone will cause one of the following: **

A. If no display or acknowledgement has been programmed: a one second audible tone from the Personal Control
X. PROGRAMMING

Check with your alarm company to determine which of the following programs have been preset for User operation. Programming can only be done by a User with an authorization Level 1.

Enter a valid PIN and press (PROGRAM)
This display will scroll the four selections.

1. PRESS 1
The display will read

** Check with your alarm company for these features.

enter 4 new numbers. The new numbers will now be flashing in the display.
If you've made a mistake, press (CLEAR) and enter 4 new digits.

Press (ENTER) The new PIN will appear fixed in the display

NOTE: The authorization level of User Number 1 will always be 1 and cannot change; however, the PIN can be changed.

To change the PIN,
To change or add this number, enter 4 new digits. The new number will now be flashing. Press ENTER. The new Duress number will now be fixed in the display.

USER NUMBER X
DURESS ZZZZ

Press SCAN if the system has been programmed for Partial Arm or Group Arm By User, the next User number will appear.

USER NUMBER Y

Select the Groups the User will be authorized to arm, and press ENTER.

0 = NO  1 = YES

The selected groups will now appear fixed in the display.

USER NUMBER X
GROUPS XXXX

If the system has not been programmed for Duress, Partial Arm or Group Arm By User, the next User number will appear.

USER NUMBER Y

To change this User's PIN, enter the authorization level number (1 through 4), and a 4 digit PIN. The 5 digits will now be flashing. Press ENTER. The new authorization level and PIN will be fixed in the display.

USER NUMBER Y
PIN Y YYYY

Press SCAN to step through other users, where changes or additions may be required.

To delete a PIN, press SCAN until the PIN you want to delete appears. Press RESET then ENTER. Press CLEAR and the display will be scrolling the four user programs.

USER NUMBER X

NOTE: If the system has been preset for the user to program Opening and Closing Windows, the alarm company will furnish the User with a complete set of instructions for this program.

Upon completion, press CLEAR to return to User Program.

3. PRESS 3

The display will read

TIME CLOCK
DATE TIME

(on steady)

(scrolling)

NOTE: If the system has been preset for the user to set the date and time, the alarm company will furnish the user with these instructions.

Upon completion, press CLEAR to return to User Program.
XI. HISTORY REVIEW

Check with your alarm company to determine how the system has been programmed for History Review. The alarm company can preprogram the system to allow History Review as follows:

A. Level 1, Level 2 and Level 3 can view Alarms, all History and Open/Close events.

After determining how the system has been preprogrammed, the operation is as follows:

ENTER A VALID PIN AND:
1. Press MEMORY ONCE
This display will indicate if any alarms are in memory. If there are alarms in memory, press SCAN to view the alarms.
At the conclusion, press CLEAR The display will read

2. Press MEMORY TWICE.
The display will read

Press SCAN continuously to view the Open/Close events. At the conclusion, press CLEAR until you return to the normal operating condition, and the display will read

3. Press MEMORY THREE TIMES.
The display will read

Press CLEAR twice to return the system to standard operating conditions.

NOTE: This menu only functions if the system has been programmed for scheduled openings and closings.

Consult your alarm company for this option.

4. PRESS 4 to enter Extend Close Time program. The display will read

EXTEND CLS TIME 0 X 10 MIN