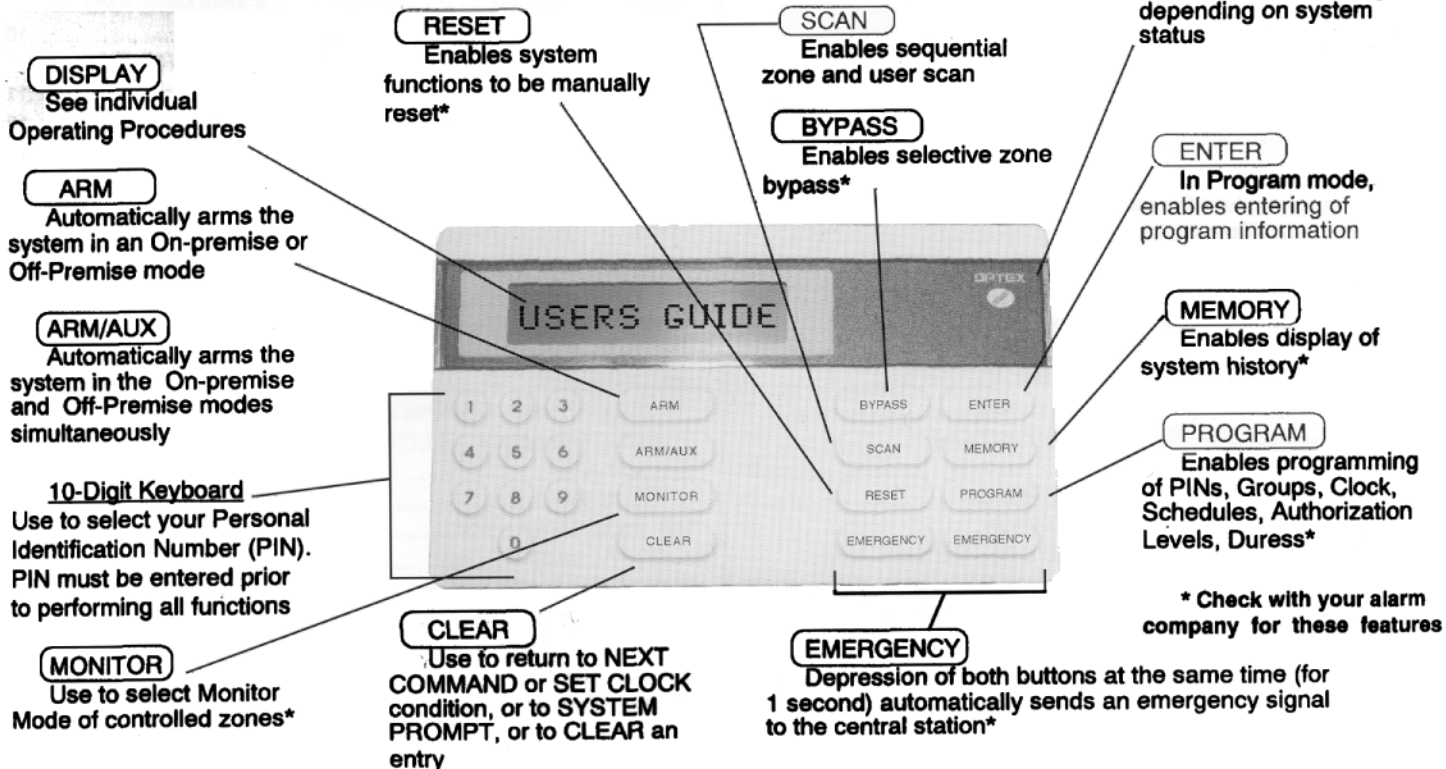


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I. DESCRIPTION OF CONTROLS



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.

ZONE 1
IS OPEN

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

ZONE 1
IS NORMAL

(Refer to section VIII. for BYPASS instructions.)

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

ALL ZONES READY

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

NEXT COMMAND

The system can now be armed.

*** 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.

IV. A. SECURING THE SYSTEM (BEFORE ARMING)

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.

DATE TIME

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

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: 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 **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

XX ZONES
NOT READY

(xx designates the number of zones open)

Press **(SCAN)**

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)

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

GROUP ARM/USER SYSTEMS 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 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 display.

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)

ZONE X
IS.....

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.

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.

B. TO RESET A BYPASSED ZONE

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

ZONE X
IS BYPASSED

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

ZONE X
IS NORMAL

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

B. If display has been programmed: a one second audible tone from the Personal Control, and a display of the violated zone. If more than one zone has been violated, the last violated zone will be displayed or all open zones will scroll depending on program.

C. If acknowledgement has been programmed: continuous audible tones from the Personal control until acknowledged by pressing **(RESET)** RESET must be pressed for each violated zone.

D. If display and acknowledgement are programmed: a continuous audible tone from the Personal Control, and display of the violated zone

until acknowledged by pressing **(RESET)**

To cancel MONITOR MODE:

Enter a valid PIN. The display will read

NEXT COMMAND

Press **(CLEAR)** to return to

DATE TIME ZONES NORMAL

**** Check with your alarm company for these features.**

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

USER NUMBER
L YYYY

The top line identifies the User. The second line identifies the authorization level, followed by the four digit PIN.

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,

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

USER NUMBER X
PIN 1 YYYY

Press **(SCAN)** If the system has been programmed for Duress, the Duress PIN for User Number 1 will appear.

USER NUMBER X
DURESS XXXX

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/User, the display will read

USER NUMBER X
GROUPS

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
PIN

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.

2. PRESS 2

The display will read

WINDOW SYSTEM

and the five programs will be scrolling.

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 on steady)
DATE TIME (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.

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

EXTEND CLS TIME
0 X 10 MIN

Enter the amount of time you want and press **ENTER**

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

Consult your alarm company for this option.

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

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

NEXT COMMAND

2. Press **MEMORY** TWICE.

The display will read

ALL HISTORY

Press **SCAN** to view all events in the memory of the system. At the conclusion, press **CLEAR**. The

display will read

NEXT COMMAND

3. Press **MEMORY** THREE TIMES.

The display will read

OPEN CLOSE HISTORY

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

DATE TIME
ZONES NORMAL