

OPERATING INSTRUCTIONS

**HAMILTON SAFE**

HAMILTON SAFE  
SECURITY CONTROL SYSTEM

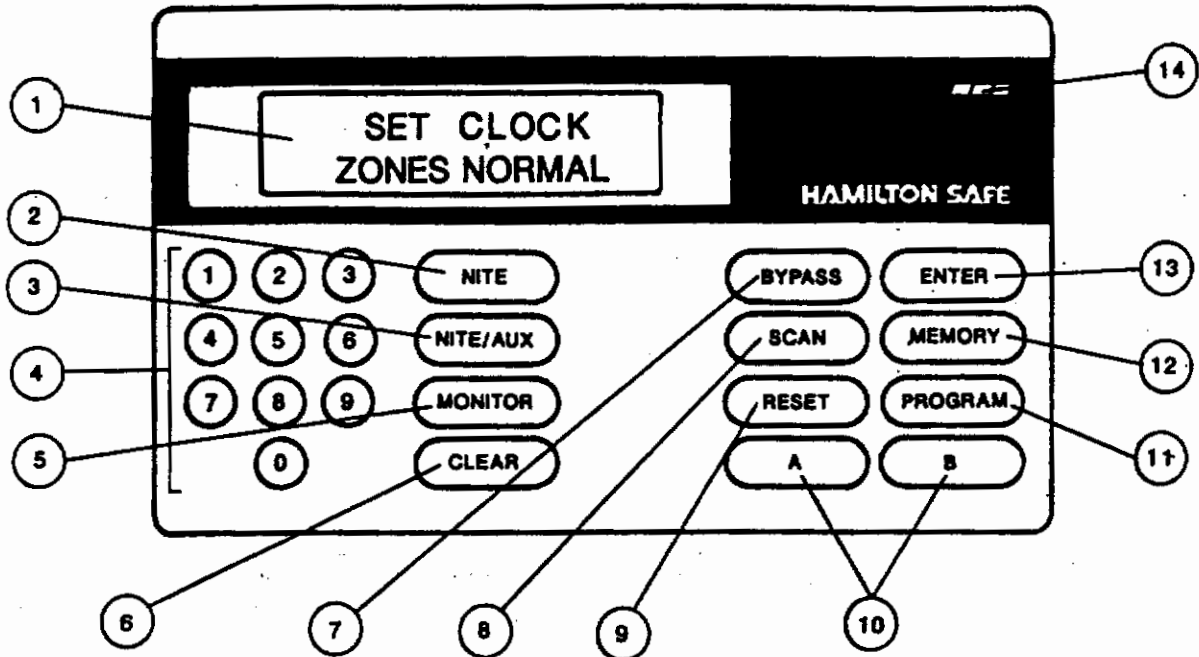
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# TABLE OF CONTENTS

	<u>PAGE</u>
I. DESCRIPTION OF CONTROLS	
II. GENERAL INFORMATION.....	1
III-A. SECURING THE SYSTEM (Before Arming)..... STANDARD SYSTEM - NO GROUPS	3
III-B. ARMING THE SYSTEM..... STANDARD SYSTEM - NO GROUPS	4
IV-A. SECURING THE SYSTEM (Before Arming)..... PARTIAL ARMING	5
IV-B. ARMING THE SYSTEM..... PARTIAL ARMING	6
V-A. SECURING THE SYSTEM (Before Arming)..... GROUP ARM/USER	8
V-B. ARMING THE SYSTEM..... GROUP ARM/USER	9
VI. DISARMING THE SYSTEM..... STANDARD & PARTIAL/ARM SYSTEMS	11
VII. DISARMING THE SYSTEM..... GROUP ARM/USER SYSTEMS	12
VIII. ZONE BYPASSING.....	13
IX. MONITOR TEST.....	14
X. PROGRAMMING.....	15
XI. HISTORY REVIEW.....	17

# I. DESCRIPTION OF CONTROLS



<u>ITEM</u>	<u>CONTROL</u>	<u>DESCRIPTION</u>
1	DISPLAY	See Operating Procedure.
2	NITE	Automatically arms the system in an On-Premise or Off-Premise mode.
3	NITE/AUX	Automatically arms the system in the On-Premise and Off-Premise modes simultaneously.
4	10-DIGIT KEYBOARD	Use to select your Personal Identification Number (PIN). PIN must be entered prior to performing all functions.
5	MONITOR	Used to select Monitor Test of 24 Hour Zones.
6	CLEAR	Used to return to "NEXT COMMAND" or "SET CLOCK" condition.
7	BYPASS	Enables selective zone bypass*.
8	SCAN	Enables sequential zone and user scan.
9	RESET	Enables system functions to be manually reset*.
10	"A" "B"	Not used.
11	PROGRAM	Enables programming of PIN's, Groups, Clock, Schedules, Authorization Levels, Duress*.
12	MEMORY	Enables display of system history*.
13	ENTER	In program mode, enables entering of program information.
14	LOGO	Illuminates red or green, depending on system status.

\* Check with your alarm company for this feature.

## 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 user to Arm or disarm and automatically send a silent emergency signal to the central station, as well as selective local annunciation.

### B. AUTHORIZATION LEVELS

There are four authorization levels

Level 1 User can Arm system, Disarm system, Disarm Restricted Zone or Group, Bypass Zones, Program other user PINs, set Open/Close Schedules set the Clock 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, Disarm system, Disarm Restricted Zone or Group and Bypass Zones

Level 3 User can Arm and Disarm system only.

Level 4 User can Arm system only.

User #1 always has an 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
------------------------

Press [SCAN]

Trouble zone(s) appear in display.

To identify which zone was or is in trouble, enter your PIN.

#### E. SEQUENTIAL ZONE SCANNING

Users with authorization Level 1, 2, 3 or 4 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 preprogrammed with a "CLOSING WINDOW". The system must be armed within the "Closing Window" time period. If the system is not armed within the Closing Window;

1. Any zones or groups programmed as "RESTRICTED" will automatically arm.
2. A signal will be sent to the central station indicating a failure to arm during the Closing Window.

#### H. OPENING WINDOW

Your system may be preprogrammed with an "OPENING WINDOW". The system must be disarmed within the "Opening Window" time period. If the system is not disarmed within the Opening Window.

1. Any zones or groups programmed as "RESTRICTED" cannot be disarmed at that time.
2. A signal will be sent to the central station indicating a failure to disarm during the Opening Window.
3. Restricted zones and/or groups can only be disarmed by a User with an authorization Level 1 and during the Opening Window time period.
4. In an Off-Premise mode or combination Off-Premise/On-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 preprogrammed entry delay time. The system can be programmed to delay the audible signal to meet your specific requirements.
5. When entering a premise where alarms have occurred during the armed period the Personal Control will immediately sound repeatedly to indicate that alarms have occurred while you were away.

III-A. SECURING THE SYSTEM (Before Arming)  
STANDARD SYSTEM - NO GROUPS

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

DATE TIME  
ZONES NORMAL

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. After selecting your mode of arming (see page 4) enter a valid PIN and press [NITE] or [NITE/AUX]

The display will read:  
("XX" designates number of zones open)  
Press: [SCAN]

XX ZONES  
NOT READY

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. (Refer to Section VIII, Page 13 for "BYPASS" instructions.)

ZONE 1  
IS NORMAL

OR

ZONE 1  
IS BYPASSED

6. With all zones secured or bypassed press [SCAN] again and the display will read:

ALL ZONES READY

7. Then press [CLEAR]. the display will read:  
System can now be armed.

NEXT COMMAND

**III-B. ARMING THE SYSTEM  
STANDARD SYSTEM - NO GROUPS**

There are 3 modes of arming the system:

- "A" - Everyone leaves the premises.
- "B" - Everyone stays within the premises.
- "C" - Someone stays on 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 [NITE]

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 [NITE]

If you are staying on premise the system will arm with all interior zones "off" and 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 [NITE/AUX]

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

ARMED ON PREMISE

The illuminated logo will now change from green to red.

**IV-A. SECURING THE SYSTEM (BEFORE ARMING)  
PARTIAL ARMING**

1. If all zones are secured, the display should read:  
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 (see page 6 & 7) enter a valid PIN and press [NITE] or [NITE/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:
5. If the violated zones are in the selected Group, the display will read:  
("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. (Refer to Section VIII, Page 13, for "Bypass" instructions.)
8. With all zones secured or bypassed, press [SCAN] again and the display will read:
9. Then press [CLEAR] the display will read:  
System can now be armed.

DATE TIME  
ZONES NORMAL

DATE TIME

SYSTEM ARMING  
EXIT NOW

XX ZONES  
NOT READY

ZONE 1  
IS OPEN

ZONE 1  
IS NORMAL

OR  
ZONE 1  
IS BYPASSED

ALL ZONES  
READY

NEXT COMMAND



**IV-B. ARMING THE SYSTEM  
PARTIAL ARMING**

There are 3 modes of arming the system

- "A" - Everyone leaves the premise
- "B" - Everyone stays within the premise.
- "C" - Someone stays on premise 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 [NITE]**

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 leaving the premise you must exit thru 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 green to red.

**MODE B**

**ARMING IN ON-PREMISE MODE.  
ENTER A VALID PIN AND PRESS [NITE]**

The display will scroll preprogrammed groups.  
Press the number of the group you want to arm.  
If all zones are secured 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 green to red.

IV-B - continued

MODE C:

ARMING in a COMBINED OFF-PREMISE and ON-PREMISE MODE.

ENTER A VALID PIN AND PRESS [NITE/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 thru 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 delayed entry. The display will read:

ARMED ON PREMISE  
GROUP NAME

The illuminated logo will now change from green to red.

V-A. SECURING THE SYSTEM (BEFORE ARMING)  
GROUP ARM/USER

1. If all zones are secured, the display should read:  
If so proceed to paragraph V-B "ARMING THE SYSTEM".  

DATE TIME
ZONES NORMAL
2. If some zones are violated the bottom line of the display will be blank.  

DATE TIME
-----------
3. After selecting your mode of arming (see pages 9 & 10) enter a valid PIN and press [NITE] or [NITE/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" designates number of zones open.)  
Press [SCAN]  

XX ZONES
NOT READY
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 (Refer to Section VIII, Page 13 for "BYPASS" instructions.)  

ZONE 1
IS NORMAL

OR
ZONE 1
IS BYPASSED
8. With all zones secured or bypassed, press [SCAN] again and the display will read:  

ALL ZONES READY
-----------------
9. Then press [CLEAR] the display will read:  
System can now be armed.  

NEXT COMMAND
--------------

**V-B. ARMING THE SYSTEM  
GROUP ARM/USER**

There are 3 modes of arming the system

- "A" - Everyone leaves the premise
- "B" - Everyone stays within the premise.
- "C" - Someone stays on premise or leaves allowing re-entry through designated delay door

**TO ARM ALL GROUPS:**

Enter a valid PIN and within five (5) seconds press [NITE]. Then follow the arming instructions for Mode "A", "B" or "C".

**TO SELECT A GROUP:**

Enter a valid PIN and within five (5) seconds press [NITE/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 [NITE] or [NITE/AUX] and follow the arming instructions for Mode "A", "B" or "C".

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 [NITE]**

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 [NITE]**

If all zones are secured, display will read:

SYSTEM ARMING  
EXIT NOW

If you are staying on premise the Selected Group(s) will arm with all interior zones "off" and after the delay time has expired the display will read:

SYSTEM ARMED  
GROUP NUMBER(S)

The illuminated logo will now change from green to red.

V-B - continued

MODE C:

ARMING in a COMBINED OFF-PREMISE and ON-PREMISE MODE.

ENTER A VALID PIN AND PRESS [NITE/AUX]

SYSTEM ARMING  
EXIT NOW

You can either stay on premise or exit thru 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)

The illuminated logo will now change from green to red.

**VI. DISARMING THE SYSTEM  
STANDARD & PARTIAL/ARM SYSTEMS**

ENTER A VALID PIN TO DISARM

The display will read:

NEXT COMMAND

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 can perform another function, 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, upon disarming the display will read: ("XX" designates the number of zones violated.)

XX ALARMS  
OCCURRED

Press [SCAN]. The first zone that 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].

VII. DISARMING THE SYSTEM  
GROUP ARM/USER SYSTEMS

ENTER A VALID PIN AND PRESS [CLEAR] TO DISARM

You can only disarm the groups programmed to your PIN.  
The display will read:

NEXT COMMAND

Press [CLEAR]. If there are still some groups  
armed the display will read:

SYSTEM ARMED  
GROUP NUMBER(S)

If all groups have been disarmed the display will read:

DATE TIME  
ZONES NORMAL

NOTE: Your system may have been programmed for the  
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

If the system was in an alarm condition prior to  
disarming, upon disarming the display will read:  
("XX" designates the number of violations.)

XX ALARMS  
OCCURRED

Press [SCAN]. The first zone that 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].

NEXT COMMAND

If system is armed, after 5 seconds the display  
will read:

SYSTEM ARMED  
GROUP NUMBER(S)

If system is armed and you wish to disarm groups  
assigned to your PIN and reset the smoke detectors,

Enter your PIN, press [CLEAR] twice and [RESET].  
The display will read:

\* SYSTEM ARMED  
GROUP NUMBER(S)

\* These are the groups that were not disarmed.

## VIII. ZONE BYPASSING

### A. BYPASSING A ZONE

ENTER A VALID PIN AND PRESS [SCAN]

"ZONE X" and its status will appear in the display  
("X" designates the zone number.)

ZONE X IS
--------------

To Bypass zone press [BYPASS]  
The display will read:

ZONE X IS BYPASSED
-----------------------

PRESS [SCAN] to step through all zones in this manner  
and select which ones you wish to manually bypass

PRESS [CLEAR] to return to:

NEXT COMMAND
--------------

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 automatically be 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] -- display will 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 above procedure.

PRESS [CLEAR] to return to:

NEXT COMMAND
--------------

PRESS [CLEAR] to return to:

DATE TIME ZONES NORMAL
---------------------------



IX. MONITOR TEST

ENTER A VALID PIN AND PRESS [MONITOR]

"MONITOR TEST" will appear and remain in display until cancelled.

MONITOR TEST

Activation of each 24 Hr 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 display the violated zone. If more than one zone has been violated, the last violated zone will be displayed.
- 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 Test:

ENTER A VALID PIN.

The display will read:

NEXT COMMAND

PRESS [CLEAR] to return to:

DATE TIME  
ZONES NORMAL

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]  
The display will scroll the four selections.

1. ENTER A VALID PIN AND PRESS [1].  
The display will read:

USER NUMBER

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 digits.

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 PIN will now appear 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]. 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 thru 4), and 4 digit PIN. The 5 digits will now be flashing.

Press [ENTER], the new authorization level and PIN will appear fixed in the display

USER NUMBER Y
PIN Y YYYY

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

Press [CLEAR] and the display will be scrolling the four user programs.

2. PRESS [2]. "Window System" will be in the display 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 the top line and the bottom line will be scrolling "DATE TIME"

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 "Holiday" program. The display will read "HOLIDAY SCHEDULE" on the top line and the bottom line will be scrolling "1 TOMORROW" and "2 NEXT MONDAY". If tomorrow or next Monday are holidays press [1] or [2]. The display will read either "HOLIDAY TOMORROW" or "HOLIDAY NEXT MONDAY" on the top line and the bottom line will read: Press 0 (NO) or 1 (YES) for the selection you require followed by [ENTER].

HOLIDAY SCHEDULE
1 TOMORROW

0 = NO 1 = YES
----------------

Press [CLEAR] twice to return the system to standard operation condition

NOTE: TO DELTE A PIN, SCAN TO THE USER NUMBER AND DEPRESS [RESET], THEN [ENTER]

## 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:

1. Level 1 and Level 2:

ENTER A VALID PIN AND PRESS [MEMORY] ONCE.

The 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] continuously 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