

**8-ZONE ALARM CONTROL PANEL
WITH AUTO-DIALER AND COMMUNICATOR**

HA-268

OPERATOR'S MANUAL

FOR HOME AND OFFICE PROTECTIONS

AEI[®] SINCE 1979

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Developed By:*

PO PROTECT-ON
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ADVANCED ELECTRONICS INDUSTRY

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NOTE:

- i) The system will terminate the session and hang up after the command is accepted.
- ii) The answering beep of **5 BEEPS** stands for unsuccessful command code entry, please try again. If four incorrect attempts are made, the system will terminate the session and hang up.
- iii) The answering beep of **2 BEEPS+5 BEEPS** stands for arm prohibited which means that the system can not be armed due to faulty zone(s) existing. The system will terminate the session and hang up after the beeps.

5. Hang up the telephone immediately to allow the communicator (if it is enabled, please see *INSTALLATION MANUAL* Location 76 and 80 for details) of the system to ring the monitor station as a result of armed or disarmed the system.

In case of **ARM PROHIBITED** or **FORCED TO ARM** occurred, the communicator will always ring the monitor station and will send a status report because it is a system problem.

The report will be sent 10 seconds after the answering beep is heard.

THE COMMAND CODES FOR REMOTE ACCESS CONTROL--SUMMARY

NO.	COMMAND CODES	MEANINGS
A		<ul style="list-style-type: none"> ● To arm the system if it is disarmed, or ● To disarm the system if it is armed
B		● To clear the alarm memory and keep the system in disarmed mode
C		● To clear the alarm memory and re-arm the system
D		<ul style="list-style-type: none"> ● Requesting the system to send a report of its currently registered status to the monitor station or to an auto-pager ● The report will be sent 10 seconds after the command code is successfully entered, 2 beeps will be generated to confirm successful code entry

INTRODUCTION

Thank you for choosing the HA-268 alarm control system to protect you and your property. Your system is one of the most powerful and advanced alarm systems on the market today, designed to provide you with years of reliable service.

This operation manual is one of the two manuals for the HA-268 alarm control panel, which explains how to operate your alarm system. To get most from the alarm system, we suggest that you take time to read through the manual to get acquainted with its many features and all the operating procedures.

The installation instructions of the alarm system are described in the **Installation Manual**.

REMOTE ACCESS THE SYSTEM BY TELEPHONE

The HA-268 has been designed to allow the owner to telephone the system remotely (See *Program Location 83 for details*) to check its arm-disarm status, to make arm-disarm control or to request the communicator for a current status report sending to the monitor station or to the owner's pocket pager. The call can be made from any telephone capable of tone dialing, including DTMF capable mobile telephones.

Please put a "✓" in the box showing your selected option:

REMOTE ACCESS ENABLED ☐ RINGS TO PICK-UP LINE (DEFAULT: 16)

REMOTE ACCESS DISABLED ☐ OPTION SELECTED

CHECK THE CURRENT ARM-DISARM STATUS

1. Ring the number that the system is connected to. In most cases that is the home telephone number of the owner.
2. After the pre-set number of rings (*programmed at Location 83. DEFAULT: 16*) the system will answer the phone with one of the following answering beeps to show its current status.

THE MEANING OF THE ANSWERING BEEPS--SUMMARY

NO.	ANSWERING BEEPS	MEANINGS
1	1 beep	• System is disarmed
2	2 beeps	• System is armed
3	1 beep + 3 beeps	• System is disarmed, but • Alarm is occurred (<i>due to the 24 hours or the software zones</i>)
4	2 beeps + 3 beeps	• System is armed, and • Alarm is occurred
5	1 beep + 2 beeps	• System is disarmed, but • System is in alarm memory, at least one of the protection zones was in alarm
6	5 beeps	• Unsuccessful code entry, try again
7	2 beeps + 5 beeps	• Successful code entry but the function request is rejected due to system arm prohibited

3. If you only wish to check on the CURRENT STATUS of the alarm system, without making any change, simply hang up the phone after the answering beep is heard.

REMOTE ARM-DISARM THE SYSTEM

4. If you wish to change the status on the system, please enter the appropriate command code using the telephone Keypad after the answering beep is heard.

NOTE: For obvious security reasons **ONLY USER CODE 1** can be used for system remote ARM-DISARM control.

THE LED LIGHT INDICATORS

INDICATORS	ON	OFF	FLASHING
ZONES (8 LEDs)	• Zone unsealed (<i>faulted</i>) Please check the zone connections	• Zone sealed (<i>Normal</i>)	FLASHING FAST • Zone is or was in alarm FLASHING FAST WITH STOPPING INTERVAL • Zone is in alarm memory, system is disarmed FLASHING SLOW • Zone is isolated
EXIT/ARMED	• Alarm armed	• Alarm disarmed	• In exit delay period
AC POWER	• AC Power is being supplied		• AC power failure, system is using battery • Flashing starts 20-30 seconds after AC power failure FLASHING ALTERNATIVELY WITH THE "BATTERY" INDICATOR • System is in power-up delay period
BATTERY	• Battery faulted	• Battery normal	• The battery is under testing FLASHING ALTERNATIVELY WITH THE "AC POWER" INDICATOR • System is in power-up delay period
PROGRAM	• System in program mode	• Normal state	
ARM PROHIBITED	• System in arm prohibited mode, indicator is ON during exit delay period	• System is armed after exit delay expired • System in forced to arm mode	• The system can not be armed after exit delay expired due to faulty zone(s) existing, see zone indicator for the faulty zone(s)
DIALING	• Dialing in DTMF format	• No dialing is in progress • Dialing for duress after the duress code is entered	• Dialing in pulse format FLASHING TWICE • The system is in telephone line fault testing
RECORDING	• Voice recording is in progress	• No recording, or the recording time is expired	

ALARM REPORTING AND ACKNOWLEDGEMENT

- In alarm condition, except the local alarm, the system will also send alarm report to the monitor station and the recorded message to the programmed telephones if the communicator and the auto dialer are enabled.
- The communicator has the priority to dial. After the communicator dialing is finished, the system will start to dial the telephone numbers stored in the auto dialer.
- If **VOICE MESSAGE** is selected, the auto dialer will send the recorded message after the line is through.

RECEIVE AN ALARM REPORTING MESSAGE AND GIVING ACKNOWLEDGEMENT

Please put a "✓" in the box showing your selected option:

NON-BACKUP REPORTING ☐ OPTION SELECTED (DEFAULT)

BACKUP REPORTING ☐ OPTION SELECTED

- 1) When you pick up the phone, you will hear the recorded alarm reporting message (20 seconds). At the end of the message, the dialer generates a BEEP tone and then waits 3 seconds for you to acknowledge.
- 2) The acknowledgement signal can be given by pressing the [1] button on your telephone (it must be a tone dialing telephone) after the BEEP within 3 seconds.

 ----- ON YOUR TELEPHONE KEYBOARD

- 3) Without an acknowledgement, the message will be repeated until the maximum number of message is reached. The dialer will call the remaining numbers and will then retry the numbers that did not acknowledge repeatedly until the maximum number of dialing attempts are reached.
- 4) On **BACKUP** reporting mode, receiving an acknowledgement signal from a SINGLE telephone in a group of 4 (the dialer can store 4 telephone numbers maximum) is sufficient to consider the current event closed and call off the dialer session. The remaining 3 telephones are there for backup purposes only.
- 5) On **NON-BACKUP** reporting mode, an acknowledgement signal must be received from each telephone in the group of 4 (if 4 numbers are stored) before the current event is considered to be reported and closed.

ARM THE SYSTEM IN HOME MODE

Home mode will only arm the perimeter zones. Those interior zones stored in memory (if any) for home mode will be bypassed when the system is armed.

- 1) Make sure the system is in disarmed state with no alarm memory shown on the zone LEDs.
- 2) Enter your [user code], press the [HOME] key, and validate by [#] key.

- The control console will give 2 beeps to confirm that the system is ON and exit delay has started, the EXIT/ARMED LED will flash.
- The bypassed zone LEDs will flash all the time to indicate that the zones are not protected.
- The system will be armed after the exit delay expired, the EXIT/ARMED LED will be ON.
- You are allowed to move about freely inside the premises that the interior protection zones are bypassed while the system is armed.

ARM THE SYSTEM INSTANTLY IN HOME MODE

Home mode will only arm the perimeter zones. Those interior zones put in memory (if any) for home mode will be isolated when the system is armed.

- 1) Make sure the system is in disarmed state with no alarm memory shown on the zone LEDs.
- 2) Enter your [user code], press the [HOME] key, enter number [2] and validate by [#] key.

- The control console will give 2 beeps to confirm that the system is armed instantly, the EXIT/ARMED LED will be ON.
- The bypassed zone LEDs will flash all the time to indicate that the zone are not protected.
- You are allowed to move about freely inside the premises that the interior protection zones are bypassed while the system is armed.

DELETE A USER CODE

8 user code locations are available in the system but putting user codes into all of them is optional. A user code in a location can be changed or deleted at anytime you like.

- 1) Enter your [MASTER CODE] and validate by [*] [*]



- The **PROGRAM** light comes ON.

- 2) Enter the user code location [11-18] you wish to delete its user code and validate by [#]



- The user code in that location is deleted.
- If the request is rejected, 5 beeps will be generated. Try again.

- 3) Exit the programming mode by pushing [*] [*]



- System is back to operation mode.

CHANGE A TELEPHONE NUMBER IN AUTO-DIALER

The telephone numbers in both communicator and auto dialer can be changed or deleted if required. The telephone number entry for communicator is usually handled by the installer or by the technician of the monitor station. Details are described in the INSTALLATION MANUAL, programming locations 50-51.

The telephone numbers that you put in the auto dialer are usually the numbers of your friends, relatives, your home/office phone, and even your portable phone or pager, you may change the numbers from time to time. The 4 telephone numbers are stored at locations 60-63.

- 1) Enter your [MASTER CODE] and validate by [*] [*]



- The **PROGRAM** light comes ON.

- 2) Enter the telephone location [60-63] you wish to change its telephone number, key in the message form [0 or 1] required, enter the new [TELEPHONE NUMBER] and validate by [#].



NEW

ARMING OPTIONS

Your alarm system has been programmed for one of the following arming types, please put a "✓" in the box showing your selected option:

FORCED TO ARM ☐ OPTION SELECTED (DEFAULT)

Any hardware zone (zone 1 to zone 8) that is violated after the EXIT DELAY time expired will be automatically isolated until the system is disarmed.

- The zone LEDs will light up to indicate the faulted (isolated by the system) zones.
- **WARNING:** The isolated zones are not protected.

ARM PROHIBITED ☐ OPTION SELECTED

If any hardware zone (zone 1 to zone 8) is faulted (broken wire, open window, malfunctioning sensor, etc.), you will not be able to arm the system until the faulted zone is cleared or manually isolated.

- Every time, when you switch ON the alarm system, the arm prohibited LED will be ON to remind you that **ARM PROHIBITED** is selected.
- The system will be armed after the EXIT DELAY time expired and the arm prohibited LED will be OFF if there is no faulted zone.
- The system will not be armed after the EXIT DELAY time expired, the arm prohibited LED will flash constantly and 5 beeps will be generated if any zone is faulted.

- You can isolate the faulted zone and arm the system by using the operation procedures **ARM THE SYSTEM WITH MANUALLY ISOLATED ZONES** stated previously.

CHANGING AND DELETING

RECORD THE ALARM REPORTING MESSAGE FOR AUTO-DIALER

The message for alarm reporting can be changed at any time you like to better reflect the situation of your alarm system.

The procedures for message recording are as follows:

- 1) Enter your [MASTER CODE] and validate by [*] [*]



- The **PROGRAM** light comes ON.
- System is in programming mode.

- 2) Press [RECORD] and validate by [#] key on the panel



- The **RECORD** light comes ON. It will last for 20 seconds
- The microphone is equipped on the panel.

- 3) When the **RECORD** light is ON, speak to the microphone with your face about 30cm (1ft) from it. The light will be OFF when the 20 seconds expired and your message is stored.

- 4) Recording can be repeated as many times as you like until the message is in your satisfaction. The newly recorded message replaces the old one.

Repeat procedures 2 and 3 for recording repeats.

- 5) Exit the programming mode by pushing [*] [*].



- System is back to operation mode.

- 6) Try to test and listen to the newly recorded message by initiating auto dialer telephone test with one of the telephone numbers.

Testing can be made easier if you possess a portable telephone and a portable AM/FM radio. For testing purposes, you can temporarily program your portable telephone's number in one of the locations (61-63) in the auto-dialer section, and switch the AM/FM radio on to play softly and put it about two meters (6 feet) away from the dialer. This way you can monitor the recorded message and the listen-in function without bothering anyone.

DISARM THE SYSTEM AND CLEAR THE ALARM MEMORY

DISARM THE SYSTEM

In the condition of there is no alarm occurred when you come back from outside.

- 1) Enter the premises only through a **TIME DELAY door**. (DEFAULT: 30 seconds)

- If the entry beep is enabled, the control console will sound constantly until the ENTRY DELAY time expires, please put a "✓" in the box showing your selected option:

ENTRY BEEP ENABLED ☐ OPTION SELECTED (DEFAULT)

ENTRY BEEP DISABLED ☐ OPTION SELECTED

- 2) Enter your [USER CODE] and validate by [#] key within the ENTRY DELAY time period.



- The EXIT/ ARMED LED will go OFF and 2 beeps will be heard. The system is disarmed.
- If wrong code is entered, 5 beeps will be generated. Enter your user code again after the 5 beeps.

DISARM THE SYSTEM AFTER AN ALARM OCCURS

Enter your [USER CODE] and validate by [#] key.



- This will silence the siren/bell and disarm the system.
- The ZONE LEDs on the control console will flash to help you to remember where the violations occurred.
- The alarm memory can be kept as long as you like before you arm the system again.

TEST THE BACK-UP BATTERY -- MANUAL

It is highly recommended to manually test the backup battery from time to time if periodic battery test is not enabled.

In some cases, manual test of the back-up battery is necessary even periodic test is enabled. Such as:

- To re-test the battery after charging for a period of time. The battery low indicating LED and the beep sound will be reset after test if the battery that resumes normal was **LOW**.
- To test a newly replaced battery and to reset the battery low indications - both the beep sounds and the LED light.
- Manual test can be performed at anytime you like.

Enter your [USER CODE], press the [*] key, enter number [4] and validate by [#] key.

[USER CODE] [*] [4] [#]

- Dynamic battery test starts.
- Manual test or periodic test takes the same testing routines.

TEST THE LOCAL ALARM OUTPUTS

It is highly recommended to test the alarm outputs of your system from time to time to make sure that the siren/bell and the strobe light are working properly.

Enter your [USER CODE], press the [*] key, enter number [5] and validate by [#] key.

[USER CODE] [*] [5] [#]

- The alarm output relays connected to the bell/siren, satellite siren and the strobe light will activate for 3 seconds.
- Nothing happen to the communicator and dialer.

24-HOUR MONITORING AND ALARM REPORTING

The following options are available for alarm reporting. With the option selected, the system will transmit the alarm signal and/or voice message to the monitor station and/or to the telephones programmed accordingly when alarm occurs or when operation status changes.

Please put a "✓" in the box showing your selected option:

COMMUNICATOR AND VOICE DIALER "OFF" ☐ OPTION SELECTED

With this option selected, no status report or voice message will be sent.

COMMUNICATOR AND VOICE DIALER "ON" ☐ OPTION SELECTED

With this option selected, both status report and voice message will be sent when alarm occurs.

COMMUNICATOR "OFF", VOICE DIALER "ON" ☐ OPTION SELECTED (DEFAULT)

With this option selected, only voice message will be sent when alarm occurs.

COMMUNICATOR "ON", VOICE DIALER "OFF" ☐ OPTION SELECTED

With this option selected, only status report will be sent when alarm occurs.

EMERGENCY CASES

MAKE A PANIC ALARM (A SOFTWARE ZONE)

At anytime, hold down any TWO key buttons on the control console simultaneously for three seconds will trigger an alarm. The console will give 2 beeps to confirm the alarm condition.



ANY TWO KEY BUTTONS ON THE CONTROL CONSOLE

- Local alarms will be given.
- Communicator (if enabled) will send a panic alarm report.
- The dialer (if enabled) will contact the programmed telephone numbers and send the message.
- There will be no indication of an alarm condition on the control console.

MAKE A DURESS ALARM (A SOFTWARE ZONE)

This feature is available ONLY at the condition that the communicator or the dialer is enabled. Otherwise, making a duress alarm is not possible.

Should an intruder force you to turn your security system OFF, you can send a silent DURESS alarm signal to the monitor station and send the recorded message to the programmed telephones.

The duress code is made by adding 2 to the 1st digit of your USER CODE(s). For example, if your User Code is [1357], enter [3357] will trigger a silent alarm (Duress).

Enter your [DURESS CODE], and validate by [#] key.



- No local alarm will be given.
- Communicator will send a duress alarm report.
- The dialer will contact the programmed telephones and send the message.
- There will be no indication of an alarm condition on the control console.
- The system will be turned **OFF** if it is in **ARMED** or in **ALARM MEMORY** condition.
- The system will keep itself in **OFF** condition if it is **OFF**.

TESTING YOUR SYSTEM

Please make sure that the system is in **DISARMED** mode when you perform the tests.

STANDBY BATTERY TESTING ROUTINES

The system can be programmed to perform dynamically and automatically test of its standby battery with the options of periodic test and manual test.

- The test takes 2 minutes. The **BATTERY** LED will flash during the test.
- AC power is turned OFF in order to monitor the battery under load during the test.
- Two beeps will be generated and the **BATTERY** LED will be OFF if the battery is normal.
- If the battery is low or dead, five beeps will be generated, the **BATTERY** LED will be ON. The control console will continuously generate the warning signal of one short beep per 30 seconds until the next test.
- A battery status report will be sent to the monitor station on the following two testing results if the communicator is enabled:

- 1) The battery is **LOW** —————> A battery **LOW** report.
- 2) The battery resumes **NORMAL** but it was **LOW** —————> A battery **NORMAL** report.

No report will be given if the battery is normal in this test and it was also normal in the last test.

NOTE:

- 1) The system will refuse to initiate the standby battery dynamic test in alarm condition, or, in the condition of AC power failure, but the system will send a battery low report automatically before battery exhausting if the battery is **LOW** lasting for more than two minutes.
- 2) The standby battery should be replaced every three to five years with a rechargeable 12V, 6.5AH, sealed lead-acid battery.

TEST THE BACK-UP BATTERY -- PERIODIC

The system can be programmed with the following options for periodic testing of the back-up battery, please put a "✓" in the box showing your selected option:

DAILY (EVERY 24 HOURS) BATTERY TEST ENABLED — ☐ OPTION SELECTED

WEEKLY (EVERY 7 DAYS) BATTERY TEST ENABLED — ☐ OPTION SELECTED

PERIODIC BATTERY TEST DISABLED — ☐ OPTION SELECTED (DEFAULT)

- The counting of the periodic test starts at the time when the system is power-up (when AC or DC power is firstly connected).
- The time counting of the periodic test is not affected by the manual battery test.

CLEAR THE ALARM MEMORY

It is necessary to clear the alarm memory before you can re-arm the system.

Enter your [USER CODE], press the [*] key, enter number [3] and validate by [#] key.

[USER CODE] [*] 3 [#]

- The zone LEDs with alarm memory will be OFF to show that the alarm memory has been cleared.
- The system keeps in disarmed mode.
- The system is ready for rearm anytime.

CLEAR THE ALARM MEMORY AND RE-ARM THE SYSTEM IN ONE TIME

The following command can help you to clear the alarm memory and at the same time to re-arm the system.

Enter your [USER CODE], press the [*]key, enter number [6] and validate by [#] key.

[USER CODE] [*] 6 [#]

- The zone LEDs with alarm memory will be OFF to show that the alarm memory has been cleared.
- The control console will give 2 beeps to confirm that the system is ON and EXIT DELAY is started, the EXIT/ARMED LED will flash.
- The system will be armed after the EXIT DELAY expired, the EXIT/ARMED LED will be ON.

TEST THE TELEPHONE NUMBERS IN COMMUNICATOR AND AUTO-DIALER

To ensure the alarm reporting capability of the communicator and the auto dialer of your system in good order, it is recommended to test the telephone numbers in each of their locations one by one by sending a current status report or the recorded message to the appropriate receiving parties.

- Please inform the appropriate receiving parties beforehand when you make the tests.
- The system will refuse your test if the communicator or the auto dialer is not enabled, or no telephone number is stored in the location that is going to be tested.

Enter your [USER CODE], press [*], Enter the [TELEPHONE LOCATION], validate by [#].

To initiate main monitor station test --- COMMUNICATOR TELEPHONE NO.1

[USER CODE] [*] 50 [#]

To initiate backup monitor station test --- COMMUNICATOR TELEPHONE NO.2

[USER CODE] [*] 51 [#]

To initiate auto dialer 1st telephone test --- DIALER TELEPHONE NO.1

[USER CODE] [*] 60 [#]

To initiate auto dialer 2nd telephone test --- DIALER TELEPHONE NO.2

[USER CODE] [*] 61 [#]

To initiate auto dialer 3rd telephone test --- DIALER TELEPHONE NO.3

[USER CODE] [*] 62 [#]

To initiate auto dialer 4th telephone test --- DIALER TELEPHONE NO.4

[USER CODE] [*] 63 [#]

- The system will generate two beeps if test is accepted.
- The system will generate five beeps if test is refused due to function disabled or no telephone number stored.
- The communicator will send the current status report for monitor station testing.
- The auto dialer will send the recorded message for telephone testing.
- The system will only activate the telephone number that is initiated for testing. There is nothing happened to other numbers.
- The telephone number will dial only once in each testing even its program option in dialing attempt is more than one.

TRIGGERING OPTIONS

Your system has been programmed for one of the following triggering mode for the people to enter the premises, please put a "✓" in the box showing your selected option:

HANDOVER DISABLED ☒ OPTION SELECTED (DEFAULT)

The system is in normal operation. All the protection zones can be triggered with their functions according to the zone configuration settings.

HANDOVER ENABLED ☐ OPTION SELECTED

In handover enabled condition, any delay zone is triggered first, all the instant zones will be disabled during the ENTRY DELAY time period, except the 24 hour protection zones.

With this feature, you can always set the motion sensors for interior protection with the INSTANT zones and the sensor for main door protection with the DELAY zone.

- The system will always give you ENTRY DELAY when you go in the premises from the main door entrance.
- The system will always give INSTANT ALARM to the people who enter the premises NOT from the main entrance, such as from the window, or any place that is protected by the instant zone. Usually that is a thief!

CHANGE A MASTER CODE

The master code is the authorization code for setting the system into programming mode. Please always keep this code for your own use only.

- 1) Enter your current [MASTER CODE] and validate by [*] [*]

MASTER CODE [*] [*]
CURRENT

- The **PROGRAM** light comes ON and system is in programming mode.

- 2) Enter the master code location [01], key in your new [MASTER CODE] and validate by [#]

01 MASTER CODE #
NEW

- The master code is accepted, it can be 2 to 5 digits.
- If the programming is rejected, 5 beeps will be generated. Try again.

- 3) Exit the programming mode by pushing [*] [*]

[*] [*]

- System is back to operation mode.

CHANGE A USER CODE

The system can store up to 8 user codes at Locations 11-18. All user codes are user programmable. Please always keep user code 1 for your own use as it is the only user code that can be used for remote arm-disarm control of the system from a tone dialing telephone.

IMPORTANT NOTE:

It is important that the new user codes will not fall into the duress code of other user codes. Please see **INSTALLATION MANUAL** Location 11-18 for more information.

- 1) Enter your [MASTER CODE] and validate by [*] [*]

MASTER CODE [*] [*]

- The **PROGRAM** light comes ON.

- 2) Enter the user code location [11-18] you wish to change its user code, key in the new [USER CODE] and validate by [#].

USER CODE LOCATION USER CODE #
NEW

- The new user code is accepted, it can be 2 to 5 digits.
- If the programming is rejected, 5 beeps will be generated. Try again.

- 3) Exit the programming mode by pushing [*] [*]

[*] [*]

- System is back to operation mode.

ARM THE SYSTEM WITH MANUALLY BYPASSED ZONE(S)

In some circumstances, making bypass to the protection zone(s) may be required, such as:

- To bypass the faulty zone(s).
- To bypass the zone(s) that is not the habitually bypass zone(s) in memory.
- To bypass the zone (zone 8) that the cabinet tamper switch is connected to prevent triggering of the alarm when the cabinet is opened for service purpose.

1) Make sure the system is in disarmed state with no alarm memory shown on the zone LEDs.

2) Enter your [user code], press the [BYPASS] key, enter the [ZONE NUMBER(S)] you wish to bypass and validate by [#] key.



- The zone numbers can be entered continuously.
- The control console will give 2 beeps to confirm that the system is ON and exit delay has started, the EXIT/ARMED LED will flash.
- The bypassed zone LEDs will flash all the time to indicate that the zones are not protected.
- The system will be armed after the exit delay expired, the EXIT/ARMED LED will be ON.
- You are allowed to move about freely inside the premises that the interior protection zones are bypassed, or to open the cabinet that the tamper switch is bypassed while the system is armed.
- Making bypass to a 24-hour zone is dangerous and is not recommended, unless it is strictly necessary.
- The manually bypassed zone(s) will reset when the system is disarmed.

- The new telephone number is accepted. It can be 32 digits maximum.
- The message form is 1, **VOICE MESSAGE**. (If you wish the system to contact an auto-pager, the message form 0, **NUMERIC MESSAGE** should be selected. Please see INSTALLATION MANUAL, "Dialing to an auto-pager station from the dialer" for details).
- If the programming is rejected, 5 beeps will be generated. Try again.

3) Exit the programming mode by pushing [*] [*]



- System is back to operation mode.

DELETE A TELEPHONE NUMBER IN AUTO-DIALER

If a telephone number is no longer valid for alarm reporting, and you do not have a new number to replace it, it is best to delete it. The auto dialer will skip the empty location to speed up the dialing attempt cycles.

1) Enter your [MASTER CODE] and validate by [*] [*]



- The **PROGRAM** light comes ON.

2) Enter the telephone location [60-63] you wish to delete its telephone number and validate by [#].



- The telephone number in that location is deleted.
- If the request is rejected, 5 beeps will be generated. Try again.

3) Exit the programming mode by pushing [*] [*]



- System is back to operation mode.

ARMING THE SYSTEM

ARM THE SYSTEM

- 1) Make sure that the alarm system is in disarmed state.
 - No alarm memory is existing on the zone indicators.

- 2) Enter your [user code] and validate by [#] key



- Your user code can be two to five digits long.
- Don't pause for more than 10 seconds while entering the digits or the control panel will reject your user code.
- If you make a mistake while entering the user code, the control console will give five beeps. After the beeps, enter your code again.
- The control console will give 2 beeps to confirm that the system is ON and exit delay has started, the EXIT/ARMED LED will flash.

- 3) Exit through the exit delay door

- The exit delay can be programmed from 2 to 999 seconds.
- Exit beep will be given if this program option is selected. Please put a "✓" in the box showing your selected option:

EXIT BEEP ENABLED ☐ OPTION SELECTED (DEFAULT)

EXIT BEEP DISABLED ☐ OPTION SELECTED

- The system will be armed after the exit delay expired, the EXIT/ARMED LED will be ON.

ARM THE SYSTEM INSTANTLY

- 1) Make sure the system is in disarmed state with no alarm memory shown on the zone LEDs.
- 2) Enter your [user code], press the [*] key, enter number [2], and validate by [#] key.



- The control console will give 2 beeps to confirm that the system is armed instantly.
- The EXIT/ARMED LED is ON.
- When the system is instantly armed, you will not be able to walk through any protected area. The control console must be installed outside the protected area.

INITIATE THE LISTEN-IN FUNCTION

Please put a "✓" in the box showing your selected option:

LISTEN-IN ENABLED ☐ SECONDS (DEFAULT: 60 SECONDS)

LISTEN-IN DISABLED ☐ OPTION SELECTED

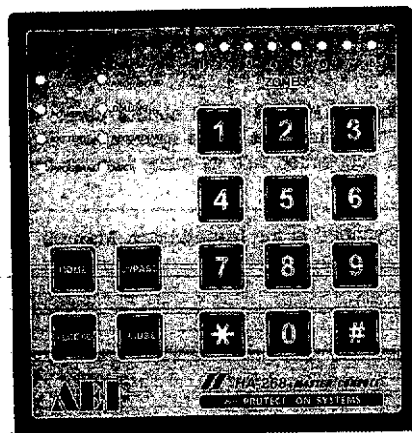
- 6) At the end of the message, the dialer waits 3 seconds for you to acknowledge (An DTMF "1" signal is required). Upon receipt of the acknowledgement signal, the dialer removes the presently contacted telephone from its task list for the current event in the manner of listen-in disabled.
- 7) If listen-in function is permitted (enabled), the dialer enables the listen-in for a preset period of time after acknowledgement.
- 8) At the end of the listen-in period, a short BEEP is generated. If you key in [1] again within 10 seconds, a new listen-in period begins. Without keying [1], the dialer will go on hook. The listen-in period may be prolonged as many times as necessary or terminated the function immediately after the short BEEP by keying in [9] from your telephone.

..... TO INITIATE A NEW LISTEN-IN PERIOD

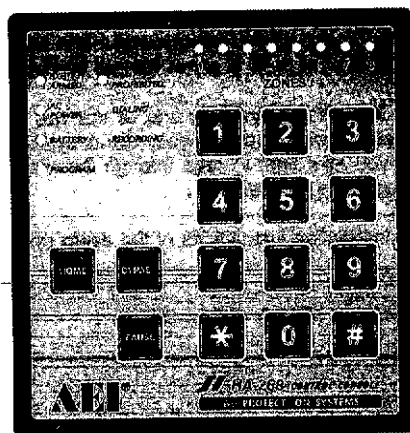
..... TO TERMINATE THE LISTEN-IN FUNCTION IMMEDIATELY

- 9) The listen-in function allows you to listen to the protected premises with your telephone. The on-board microphone of the Master Control Console is enabled during the listen-in period.

THE SYSTEM CONTROL CONSOLE AND ITS INDICATORS



MATER CONTROL CONSOLE
(Non-weatherproof due to MIC hole)



AUXILIARY CONTROL CONSOLE
(Weatherproof)

THE SOUND INDICATORS

SOUND	MEANING
1 short beep	<ul style="list-style-type: none"> Successful key entry, a pacifier tone
2 short beeps	<ul style="list-style-type: none"> Successful code entry for the specific function
5 short beeps	<ul style="list-style-type: none"> Unsuccessful code entry for the specific function Wrong code number entered Unauthorized command attempted Code entry time expired, 10 seconds maximum per digit is allowed
1 long beep	<ul style="list-style-type: none"> Exit delay expired, system is armed
1 short beep/30 seconds	<ul style="list-style-type: none"> AC power failure Battery low
Continuous beeping at 0.5 second interval	<ul style="list-style-type: none"> Exit delay time Entry delay time The DAP jumper is ON
Continuous 5 short beeps/5 seconds interval	<ul style="list-style-type: none"> The telephone line is faulty after line fault testing
2 beeps + 5 beeps	<ul style="list-style-type: none"> System can not be armed instantly due to ARM PROHIBITED Duress code is entered but the communicator is not working

- a) If the answering beep is **1 BEEP**, system is in disarmed state.

Enter [USER CODE 1] and validate by [#]

USER CODE 1 #

- The system is armed instantly.
- 2 BEEPS** will be heard.

- b) If the answering beep is **2 BEEPS**, system is in armed state.

Enter [USER CODE 1] and validate by [#]

USER CODE 1 #

- The system is disarmed instantly.
- 1 BEEP** will be heard.

- c) If the answering beep is **1 BEEP+3 BEEPS**, system is in disarmed state with alarm occurred.

Enter [USER CODE 1] and validate by [#]

USER CODE 1 #

- The system is still in disarmed state, alarm is reset instantly and changes to alarm memory.
- 1 BEEP+2 BEEPS** will be heard.

- d) If the answering beep is **2 BEEPS+3 BEEPS**, system is in armed state with alarm occurred.

Enter [USER CODE 1] and validate by [#]

USER CODE 1 #

- The system is disarmed instantly, and changes to alarm memory.
- 1 BEEP+2 BEEPS** will be heard.

- e) If the answering beep is **1 BEEP+2 BEEPS**, system is in disarmed state with alarm memory.

i) Enter [USER CODE 1], key in [★], enter [3] and validate by [#]-----To clear the alarm memory only.

USER CODE 1 ★ 3 #

- The system is still in disarmed state and the alarm memory is cleared.
- 1 BEEP** will be heard.
- The system is ready to re-arm with the entry of option (a) stated above.

ii) Enter [USER CODE 1], key in [★], enter [6] and validate by [#]-----To clear the alarm memory and re-arm the system.

USER CODE 1 ★ 6 #

- The alarm memory is cleared and the system is re-armed instantly.
- 2 BEEPS** will be heard.

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REQUEST A CURRENT STATUS REPORT

The communicator of the system has been designed to allow the authorized person (*usually the monitor station*) or the owner to call for a current status report.

- 1) Ring the number that the system is connected.
- 2) After the pre-set number of rings, the system will answer the phone with the answering beep(s) to show its current status.
- 3) Enter the [CLIENT CODE] and validate by [#] using the telephone keypad.

CLIENT CODE #

- 4) If the code entry is correct, two short beeps will be generated to confirm that the request will be done. Hang up the telephone immediately to allow the communicator to send the report. The report will be sent out to the monitor station and /or to the auto-pager 10 seconds after the confirmation beeps.
- 5) If a mistake is made on CLIENT CODE entry, press the [#] key (5 beeps will be heard) and try again. If four incorrect attempts are made, the system will terminate the session and hang up.

UTILIZE THE REMOTE KEY SWITCH FOR SYSTEM ARM-DISARM CONTROLS

ARM THE SYSTEM		
KEY SWITCH CONTACT	STATUS	RESULTS
1st Touch	● Away mode arming	<ul style="list-style-type: none"> ● Exit delay starts ● Exit beep sounds if it is enabled ● System will be armed after exit delay expired
2nd Touch	● Home mode arming	<ul style="list-style-type: none"> ● The 2nd touch must be made within the exit delay period ● Exit beep sounds continuously until the end of the exit delay ● System will be armed after exit delay expired
DISARM THE SYSTEM		
1st Touch	● System disarmed	<ul style="list-style-type: none"> ● The system is disarmed and reset if there was no alarm occurred. It is ready for re-arming ● The system is disarmed but with alarm memory if there was alarm occurred, 2nd touch is required
2nd Touch	<ul style="list-style-type: none"> ● Alarm memory is cleared ● System keeps in disarmed mode 	<ul style="list-style-type: none"> ● The alarm memory LEDs on the control console are off ● The system is ready for re-arming