

OPERATING GUIDE FOR YOUR RP1000eLCD KEYPAD

KEYPAD FUNCTIONS AND CONTROLS

HOLD-DOWN FUNCTIONS

Unless otherwise specified, "Hold-Down" Function keys must be held down for 2 seconds until the function beep sounds.

Key [1]: BELL/BATTERY TEST

Momentarily sounds the burglar alarm. If the alarm does not sound, or if it is weak, the battery may need replacing. Make this test weekly. (Hold down Key [1] for about 2 seconds.) In commercial installations, if the bell does not sound when tested, call for service.

Key [2]: DISPLAY BYPASS

(BYPASS PROGRAMMED? YES NO)

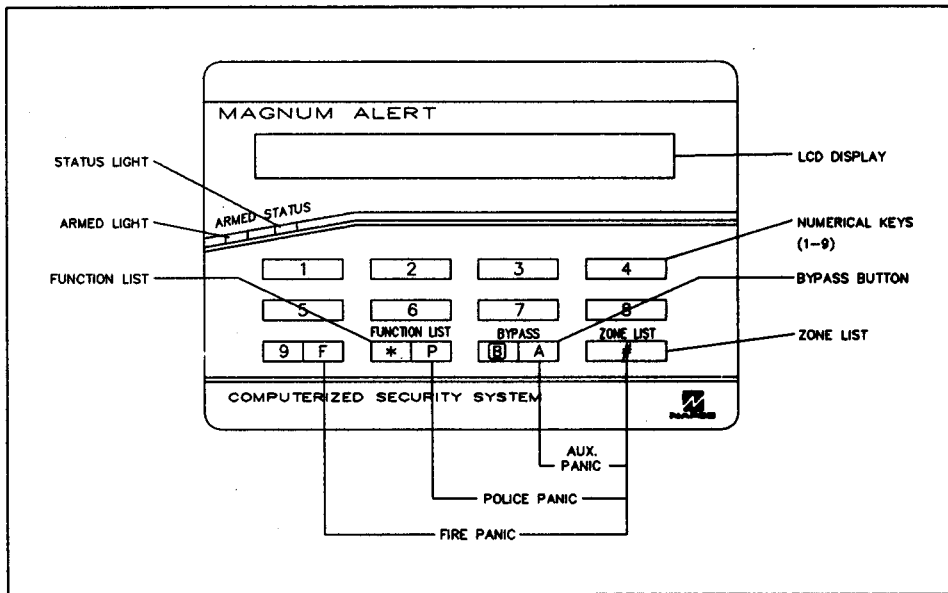
Numerically displays zones that have been bypassed using Key [B]. To display bypassed zones, hold down Key [2] until the sounder beeps and all zones have been displayed.

Key [3]: DISPLAY STATUS

Numerically displays zones that are not secured. To display status, hold down Key [3] until sounder beeps and all zones have been displayed.

Key [4]: INSTANT PROTECTION

Cancels entry delay period when arming. The delay is restored after you disarm the system. To perform this function, hold down Key [4] for about 2 seconds, until the function beep sounds.



Keypad controls.

Key [5]: CHIME (CHIME ZONES _____)

This will enable a feature that sounds a "chime" (beep) at the keypad each time a programmed zone (Zone 1 in MA854) is opened. To disable the chime feature, hold down Key [5] again (until sounder beeps). (Also see **Bypassing Interior Zones.**)

Key [6]: TELCO TEST (ENABLED? YES NO)

(Applicable only to systems programmed to report to a central station. In MA1016-Series systems, this feature operates only on Area-1 keypads or on Area-2 keypads while in the Manager's Mode.)

KEYPAD FUNCTIONS AND CONTROLS

Pressing the key tests your telephone lines (the sounder will start to pulse). If the line is good, the pulsing will stop; if not, a steady tone will sound. To initiate this test, hold down Key [6] for about 2 seconds, until function beep sounds. Reset the sounder using Key [9].

(Note: In MA1016-Series UL commercial burglar alarm installations, Failure to Communicate is indicated by Zone No. __ (Area 1), __ (Area 2). With the panel disarmed, the STATUS LED will be flashing and the keypad sounder will be pulsing. With the panel armed, the ARMED LED will be flashing and the zone number will be displayed.)

Key [7]: WATCH MODE (MA1016 Series)

Simultaneously turns on all Day Zones. The Watch Mode is disabled upon arming.

Note: (1) In all other models (except MA854), the Watch Mode may have been programmed to activate when bypassing a group of zones simultaneously. See **PROTECTING YOURSELF WHILE ON THE PREMISES: Bypassing Interior Zones**. (2) If turning on the Watch Mode just after disarming, first hold down Key [9], then Key [7]. Holding down Key [7] within 10 seconds after disarming will enable the Fault-Find Mode (for

installer's use only). (Arming the panel will cancel the Fault-Find Mode.)

Key [8]: PROGRAM

Allows you to enter the Program Mode. In this mode, you can program your personalized User Codes, a Service Code (not in MA854) and, in MA1016-Series panels, an Access Code and a Manager's Code. (Refer to **SELECTING AND PROGRAMMING YOUR CODES** for more information.) Hold down Key [8] for about 2 seconds, until the function beep sounds.

Key [9]: RESET

Resets any sounder indication, system trouble indication (not in MA854), Day-Zone indication, or may be programmed to reset the Fire Zone. After an alarm occurs and the system is disarmed, the numerical display will still indicate which non-24-Hour Zone(s) caused the alarm. Use Key [9] to clear the display. The Reset Key is also used to bypass a Priority with Bypass Zone. To reset a function, hold down Key [9] for about 2 seconds, until the function beep sounds.

Key [*]: FUNCTION LIST

Displays Hold-Down Functions. Hold down

button for about 2 seconds, then Hold-Down Functions will continue to scroll as long as button is depressed.

Key [B]: ALARM HISTORY

This will display the last alarm condition. History is not lost when the system is rearmed; the previous alarm history will remain in alarm memory until automatically reset by a new alarm condition. To check alarm history, hold down Key [B] for about 2 seconds, until the function beep sounds, then continue to hold it down until all information has been displayed.

Key [#]: ZONE LIST

Displays a directory of programmed zone descriptions. Hold down Key [#] for about 2 seconds, until the function beep sounds. Zone descriptions will continue to scroll as long as the button is depressed.

Keys [F], [P] and [A]: PANIC BUTTONS

If enabled, momentarily pressing one of these keys together with Key [#] will immediately activate a Panic Zone. Refer to **PROTECTING YOURSELF WHILE ON THE PREMISES: Emergency Buttons**.

TURNING OFF THE ALARM (DISARMING) WHEN RETURNING

Burglary Zone

Upon entry through a designated exit/entry door, the red ARMED light should be on and the display should read *****ARMED*****. (As an option, the keypad may have been programmed to display available entry time remaining.) The keypad sounder will come on as a reminder to disarm the panel. Immediately enter your Arm/Disarm Code to disarm.

Alarm Indication

Note: If the red ARMED light is flashing, an alarm occurred – **PROCEED WITH CAUTION!** (If you suspect that an intruder is on the premises, call the police from a neighbor's phone.) The display will scroll through all the violated zones.

Disarm the panel; the display will continue to indicate the violated zones until Reset Key

[9] is held down or until the panel is armed once again. To check status, hold down Key [3] (Display Status) for about 2 seconds. Correct the zone condition that initiated the alarm to restore "System Ready" status. To recall the zones that were in alarm, check Alarm History: Hold down Key [B] for about 2 seconds, until the function beep sounds.

Day Zone

A Day Zone may be used to monitor a secured exit door, foil on doors or windows, etc. A problem on this type of burglary zone will cause a pulsing audible alert at the keypad while disarmed and will display the zone in trouble. Hold down Reset Key [9] for about 2 seconds to silence the sounder. Correct the problem to reset the Day Zone.

24-Hour Zone

This zone is always armed, even if the system is disarmed. There is no keypad indication showing the status of a 24-Hour Zone, but an alarm on this zone will be recorded in alarm history. If the detection device must be manually reset, reset it to clear the zone. If the system is subsequently armed with a 24-Hour Zone in trouble, the keypad sounder will come on momentarily to indicate that there is a problem on the zone.

Ambush Zone

If an intruder forces you to disarm your system, enter your two-digit Ambush Code (programmed option) just prior to your Arm/Disarm Code. This will activate the Ambush Zone, sending a silent alarm to a central monitoring station.

PROTECTING YOURSELF WHILE ON THE PREMISES

Bypassing Interior Zones

Your alarm specialist may have selected all interior zones (space-protection devices, interior doors or windows, etc., but not exterior doors or windows) to be Group-Bypass Zones. These zones may be bypassed as a group in order to allow freedom of movement on the premises while arming with perimeter protection. Check that the keypad display reads *SYSTEM READY* (or other customized message). To turn off all interior zones simultaneously (programmable option), secure all exterior doors and windows, then press Key [B] twice (three times for MA1016 Series). (The keypad will beep and "BYPASS" will be displayed to indicate that at least one zone is being bypassed from the system.)

Note: (1) Except in the MA854 and MA1016 Series, the Watch Mode may have been programmed to activate when group-bypassing zones (ask your alarm specialist). (2) Group-Bypass Zones may not be programmed for UL installations.

Arming the System While on the Premises

When interior zones have been bypassed (see **Bypassing Interior Zones**, above) you may set the alarm with perimeter protection only: enter your Arm/Disarm Code. The

ARMED light will go on and the display will read *****ARMED*****. Entry through any exterior door or window will cause an immediate alarm, except through the regular entry door, which is still subject to the usual entry delay.

Note: When the system is subsequently disarmed, bypassed interior zones will revert to regular disarmed zones.

Arming With Instant Protection

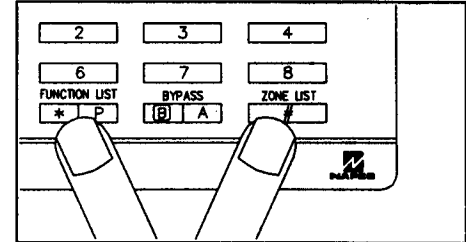
To cancel the entry delay while on the premises, hold down Key [4] until the function beep sounds (about 2 seconds). (Note that exit delay will still remain in effect to allow exiting while others remain on the premises.) The display will now read *****ARMED***, and the red ARMED light will flicker rapidly, indicating armed with Instant Protection. Remember that opening the entry door (after exit delay has expired) will cause an instant alarm!

Note: When the system is subsequently disarmed, entry delay will be restored.

Emergency (Panic) Buttons

The three buttons [F], [P], and [A] are each used with the [#] button to signal a Fire, Police or Auxiliary emergency. This option may have been programmed by your alarm specialist to signal a central station, sound an audible alarm, or both. **Note:** Check with your

installer to find out if the Emergency Buttons have been disabled. The emergency signal will only be activated when both buttons are pressed at the same time, as follows:



- To signal a Fire emergency, press Keys [F] and [#] at the same time.
- To signal a Police emergency, press Keys [P] and [#] at the same time.
- To signal an Auxiliary emergency, press Keys [A] and [#] at the same time.

Note: An Auxiliary emergency is a silent "report-only" alert. When an Auxiliary emergency is activated, the keypad sounder will start pulsing and will continue to pulse until the central station acknowledges with a long "ringback" tone.

CENTRAL-STATION MONITORING

Your alarm specialist may have programmed your system to be monitored by a central station. The built-in digital communicator can transmit emergency signals and status reports to the central station 24 hours a day.

COMMUNICATOR FEATURES

Abort Delay. Ask your installer which of your zones have abort delay, a delay that enables you to reset the system before it communicates to the central station.

- Regular Burglary (Non-24-Hour) Zone reports are aborted by disarming within the delay period.
- 24-Hour Zones and zones programmed to report restores must be restored first, then the panel armed and disarmed, all within the delay period.

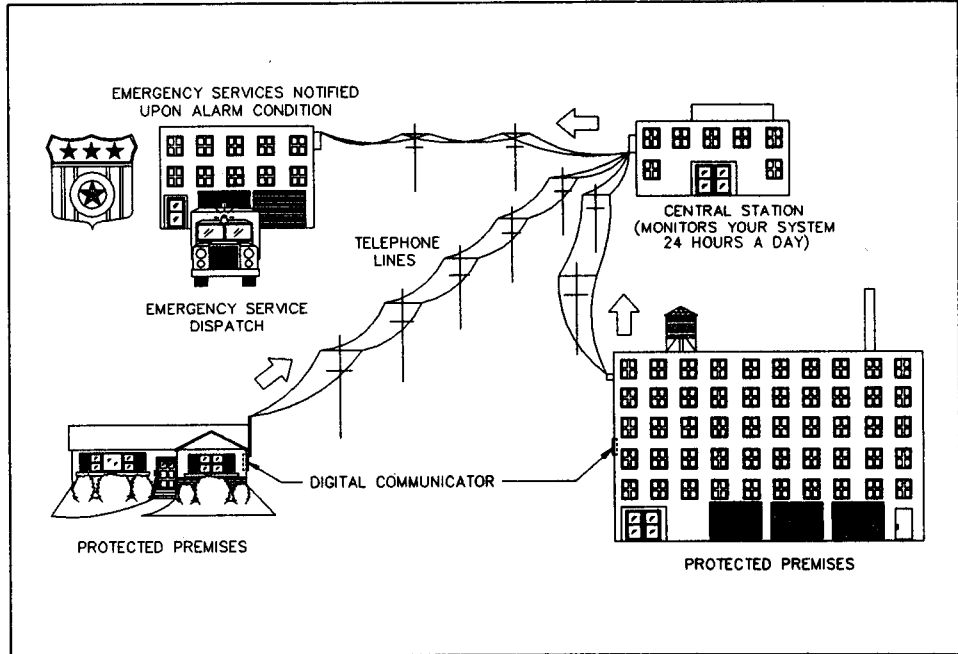
Opening and/or Closing Reporting. Your system can notify the central station every time it is disarmed or armed. Furthermore, each user can be identified. If your system reports on arming (Closing Report), the central station will acknowledge arming by means of a "ringback" tone, a short verification beep that will sound at the keypad.

Telephone-Line Test. Activating Hold-Down Function 6 (see **HOLD-DOWN FUNCTIONS**) will test the telephone line. After the beep sounds, a pulsing tone will sound at the keypad. If the phone line is okay, the tone will stop in a few seconds; if not, a continuous

tone will sound. The keypad sounder can be silenced by holding down Reset Key [9].

Note: (1) Do not attempt a Telephone-Line Test within 10 seconds after arming and dis-

arming the system. (2) In a partitioned MA1016-Series system, this test can only be made at an Area-1 keypad, or at an Area-2 keypad while in the Manager's Mode.



FIRE PROTECTION

The following information is applicable only where local ordinance permits use of this alarm control panel for fire protection. If your system contains a Fire Zone, a fire-alarm signal will have priority over a burglar-alarm signal. Refer to the instructions furnished with the control panel (OI146) for important information on how to prepare an evacuation plan.

Fire-Zone Alarm.

If a fire alarm is detected, "FIRE/TBL" will be displayed and the sounder will pulse. If a fire is in progress, evacuate the premises immediately! If necessary, call the Fire Department from an outside phone. If there is no evidence

of a fire, arm and disarm the system (or just disarm, if armed) to turn off the alarm (it may have been programmed to shut off automatically after a preset time). Hold down Reset Key [9] for about 2 seconds to silence the sounder. When the alarm condition is restored, the keypad will reset within about 10 seconds.

Fire-Zone Trouble.

If a break in the fire circuit is detected, "FIRE/TBL" will flash and the sounder will pulse. Disarm (if armed), hold down Key [9] (RESET) Button to silence the sounder, and call for service.

Would You Like More Safety Information?

For more information on home fire detection, burn safety, and home fire safety, write to the National Fire Protection Association, Public Affairs Dept. 05A, Batterymarch Plaza, Quincy, MA 02269.

SELECTING AND PROGRAMMING YOUR CODES

User (Arm/Disarm) Codes

You can choose a number of different four- or six-digit codes (see page 2) that will allow you to arm and disarm your system. Any of these codes can easily be changed or removed should it become necessary in the future to deny a user access to the premises. Your security system cannot be disarmed by unauthorized persons. It will respond only when a code of your choosing is entered through the keypad.

If your installer has partitioned your system into two separate areas, he will also have assigned each user to either Area 1 or Area 2 (or both). Ask your installer which users have been assigned to your area.

Service Code (USER 5; USER 15 in MA1016 Series; not available in MA854)

Your alarm specialist may have programmed a Service Code, a temporary code intended for occasional use only, thus allowing guests, babysitters, service employees, etc. limited access to the system. When no longer needed, the code is disabled.

If so programmed, the Service Code is activated by arming with User 5's Code (User 15 in MA1016 Series) and deactivated by arming with User Code 1 (User Code 14 in MA1016

Series). Operation is similar to that of a regular Arm/Disarm Code. When active, it may be used to disarm until the panel is armed with User Code 1 (or 14).

Manager's Code (MA1016-Series Only)

In a system that has been partitioned into two separate areas, the Manager, in either area, has the ability to access and control the other from the keypad. For example, the Manager, at an Area-2 keypad, can check (and alter, if necessary) the status of Area 1. When the Manager's Code is entered, the keypad will operate as one in the alternate area for up to two minutes, temporarily disabling all other alternate-area keypads. An "o" and "MANAGER MODE" will appear on the display and the ARMED and STATUS lights will show the condition of the alternate area. In this mode of operation, the Manager can perform virtually any user function to the alternate area. If he re-enters his code prior to the two-minute limit, the keypad will immediately revert to normal operation and restore alternate-area keypads to normal operation as well.

Program the Manager's Code as User 16.

Access Code (Not in all models)

Access control, if available, is conventionally used to activate a door strike while disarmed

to remotely unlock a door. Program the Access Code as User 18 in MA1016 Series, User 8 in MA1000e.

Selecting Your Codes

After your alarm specialist installs your system, he will give you a "User Program Code" and show you how to program your User Codes. For optimum security, do not select obvious combinations, such as consecutive numbers, repetitive numbers, your street or telephone number, birth date, etc., for any user code.

1. Hold down Key [8] until the sounder beeps. This puts the system into the User Program Mode.

2. Enter your Program Code into the keypad; the keypad lights will flash and sounder will pulse. Program codes as follows:

- a. Press Key [B].

- b. Enter the user number. For MA1016-Series systems, enter the user number as a two-digit number "01" through "15"; enter "15" for the Service Code, if available.

- c. Enter a code of up to four digits (up to six digits in MA1016 Series) using digits 1-9 only.

SELECTING AND PROGRAMMING YOUR CODES

Examples (All models except MA1016 Series):

- Press [B] + [1] + four digits = User 1's Code
- Press [B] + [2] + four digits = User 2's Code
- Press [B] + [5] + four digits = User 5's Code (or Service Code, if available).

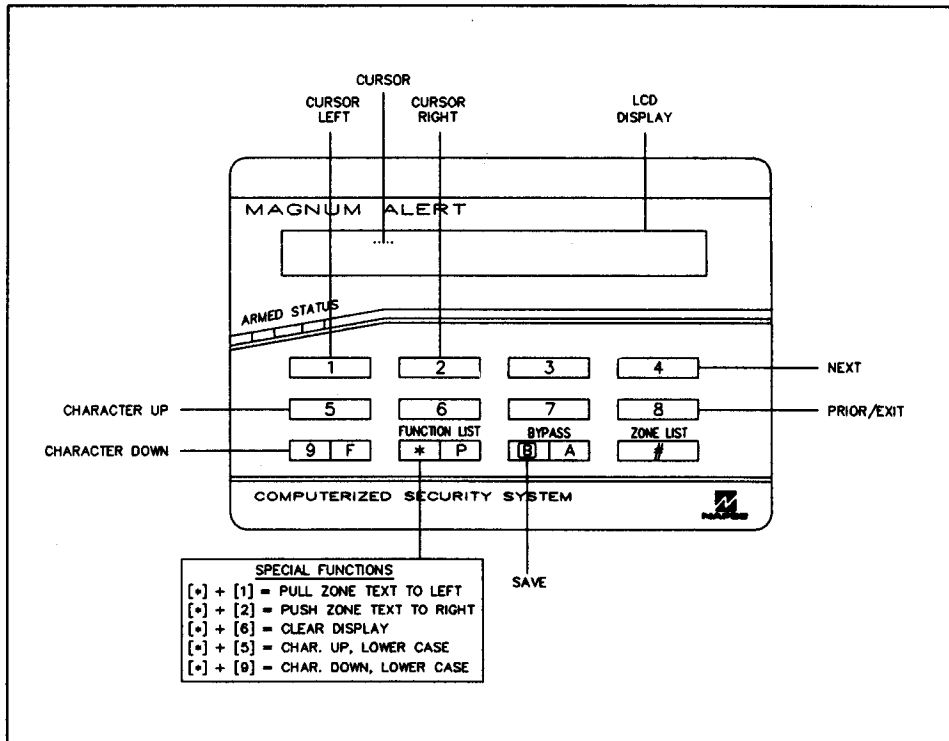
Examples, MA1016 Series:

- Press [B] + [0] + [1] + six digits = User 01's Code
- Press [B] + [1] + [0] + six digits = User 10's Code
- Press [B] + [1] + [5] + six digits = User 15's Code (or Service Code, if available).

You do not have to assign all codes. Use as many as you need and change them as necessary.

To erase any code(s), repeat steps 1, 2a, and 2b. For example, to erase User 3, enter [B] + [3]. (For MA1016 Series: [B] + [0] + [3].) Do not enter the user code.

3. To end the Programming Mode, press Key [B] twice (three times for MA1016 Series).



Keypad functions, Program Mode.

PROGRAMMING ZONE DESCRIPTION AND "READY" MESSAGE

Enter an identifying description for each zone in use. The displayed description can be programmed or changed while disarmed. It may consist of letters (upper or lower case), numbers, punctuation marks and a variety of special symbols. The existing "Ready" message (*SYSTEM READY*) may be similarly reprogrammed. The "Ready" message display follows the last zone display in the English-Language Mode programming sequence.

Note: (1) The operation of the keypad buttons in the English-Language Program Mode is different from that in normal operation. (2) If the keypad detects no activity in the Program Mode for more than 4 minutes, a short tone will sound and the keypad will revert to its normal operating mode. (3) The programmed description will not be permanently stored until you press the SAVE Button (Key [B]). (4) Each keypad must be programmed separately (however, your installer can transfer your programmed descriptions to all other keypads).

1. To enter the English-Language Program Mode, arm the panel, disarm, press Key [#] then Key [3]. The display will read **ENGLISH MODE** briefly, then "1-_", indicating Zone 1, position 1.

2. Using Keys [1] (CURSOR LEFT) and [2] (CURSOR RIGHT) to move the cursor (position indicator), and Keys [5] (CHARACTER UP) and [9] (CHARACTER DOWN) to scroll up and down through the available characters at the cursor, program the desired zone description. If any of these buttons are held down, the selected function will repeat.

Hints:

- To select a lower-case entry, hold down Key [*] while scrolling with Key [5] or [9].
- To delete the character at the cursor, press Key [6] (BLANK). To delete the entire message, press Keys [*] and [6] together.

If the description is satisfactory as displayed, press Key [B] (SAVE) to memorize it.

3. Press Key [4] (NEXT) to advance to the next zone or Key [8] (PRIOR) to go back to

the previous zone. Repeat step 2 to program the zone description.

Hints:

- To copy a description to another zone: (a) position the cursor under the zone number to be copied using the cursor keys; (b) change the zone number using the CHARACTER UP/DOWN keys; (c) modify description as necessary; (d) press Key [B] (SAVE). (The "Ready" message cannot be copied to or from another zone.)
- To move zone text (all text at and to the right of the cursor): (a) hold down Key [*] and press Key [1] to pull text to left; (b) hold down Key [*] and press Key [2] to push text to right.

When the description is satisfactory as displayed, press Key [B] (SAVE) to memorize it.

4. Repeat steps 2 and 3 to program all zone descriptions.

5. To exit the English-Language Program Mode when done, hold down Key [8] for about 2 seconds, until the function beep sounds.

IMPORTANT PROGRAMMING NOTES

- Burglar- and fire-alarm functions are disabled while in the User or Dealer* Program Mode.
- The following displays indicate the User Program Mode: "USER MODE"; "ENTER USER #"; "USER CODE ()". This is not a normal operating mode. Press Key [B] twice (three times in MA1016 Series) to exit.
- In UL installations, a minimum of three digits is required for any User Code.
- The following displays indicate the Dealer* Program Mode (not in MA854): "DEALER MODE"; "ADDR = ___ DATA = ___"; "EXIT DLR MODE". This is not a normal operating mode. Call for service.

*The Dealer Program Mode (not available in the MA854) is for installer's use only.

ALARM PLAN

ZONE	AREA PROTECTED	ZONE FEATURES	CONTACTS
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

Alarm Plan