

WisDom

Wireless Domestic Security System

Installation and Programming Manual (Ver 1.2xx)



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Chapter 1: Introducing WisDom

This chapter provides a basic introduction to the WisDom system ,its architecture and capabilities, as described in the following sections:

- ✦ **What is the WisDom?** below
- ✦ **WisDom Architecture and Capabilities**, page 1-2
- ✦ **WisDom Features**, page 1-3
- ✦ **Technical Specifications**, page 1-3

What is the WisDom?

The **WisDom** is a fully featured wireless security system, providing sophisticated solutions for alerting and reporting premises alarm signals.

The **WisDom** has been specifically designed to meet a wide range of security needs of homes, offices and small commercial applications.

The **WisDom** is simple and fast to install. It has a user friendly interface that enables easy installation, programming and use. In addition, the **WisDom** can also be programmed and/or controlled through local or remote Upload/Download software installed on a PC computer with a Windows operating system.

It has a built in siren and it is designed around microprocessor and EEPROM (Electrically Erasable Programmable Read-Only Memory) technology, which stores the system's operating program, as well as its programmable parameters, without dependency on external power sources.

The **WisDom** is available in two Radio Frequencies: 433.92 MHz and 868.65 MHz.

The **WisDom** main benefits are:

➤ **Installer Benefits:**

- ✦ Simple programming logic – fully menu driven
- ✦ Wireless calibration and adjustable threshold level, enables higher false alarm immunity.
- ✦ Actual transmitter signal strength and RF noise displayed on LCD, eliminating the need for an external strength meter.
- ✦ All detectors supervised for presence, low battery, jamming and tamper
- ✦ Supports all major central station reporting codes.

➤ **User Benefits:**

- ✦ Full voice guide enables simple remote phone operation
- ✦ Built in two-way voice communication to the premises.
- ✦ Local announcement and feedback of system status.
- ✦ Family message center.
- ✦ Dedicated buttons for simple emergency notification
- ✦ Quick key operation of users functions
- ✦ Full control of voice messages and system sounds.

WisDom Architecture and Capabilities

The following diagram provides an overview of the **WisDom's** architecture and capabilities. Examine this figure before beginning your WisDom installation to obtain an overall picture of the full extent of the **WisDom** system's capabilities.

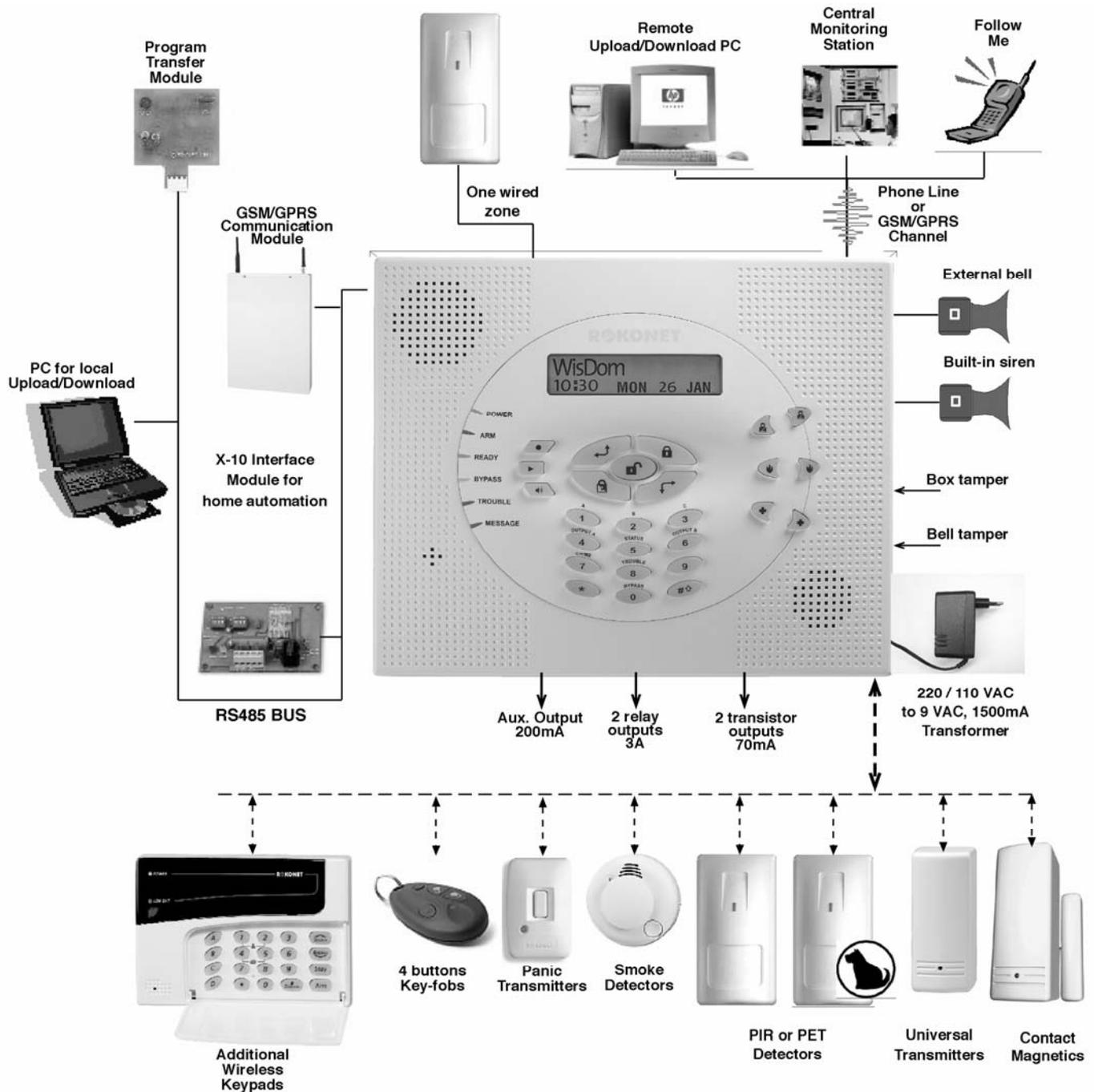


Figure 1-1: WisDom Architecture and Capabilities

WisDom Features

The following illustration describes the main features of the WisDom.

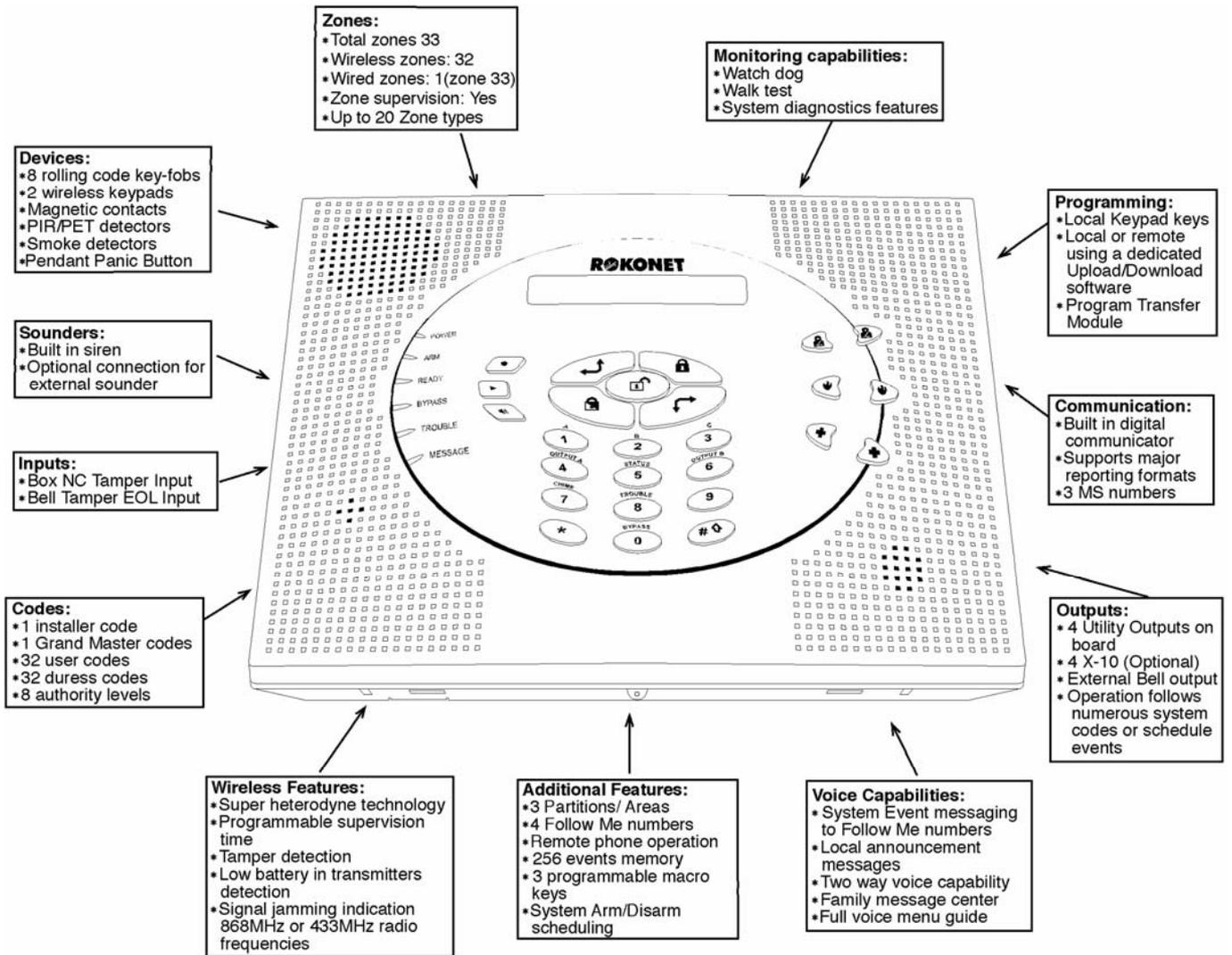


Figure 1-2: WisDom Features

Technical Specifications

The following technical specifications are applicable for the **WisDom**:

Electrical Characteristics	
System Power	220\110VAC, External Transformer 1500mA, 9VAC
Current Consumption (Minimum / Maximum)	140 mA minimum / 1200 mA maximum
Backup Battery	6 x 1.5VDC Size AA, Alkaline or 6 x 1.2V Size AA, rechargeable cells
Relay Outputs	2 x 3 Amps 24 VDC programmable relay outputs
Transistor Outputs	2 x 70mA transistors (Open Collector)
Auxiliary Power	9V DC @ 200 mA maximum
Bell/LS(External) Sounder Output	9V DC @ 500mA maximum
Internal Bell intensity	90 dBA @ 1m
Operating Temperature	0°C to 55°C (32°F to 131°F)
Physical Characteristics	
Dimension	24 cm x 19 cm x 4.8 cm
Weight (with batteries)	0.970 Kg
Wireless Characteristics	
RF immunity	According to EN 50130-4
Frequency	RWSAL0868xxA: Basic configuration, 868.65 MHz RWSALV868xxA: Full configuration including voice, 868.65 MHz RWSAL0433xxA: Basic configuration, 433.92 MHz RWSALV433xxA: Full configuration including voice, 433.92 MHz Note: xx represents the system's language or country.

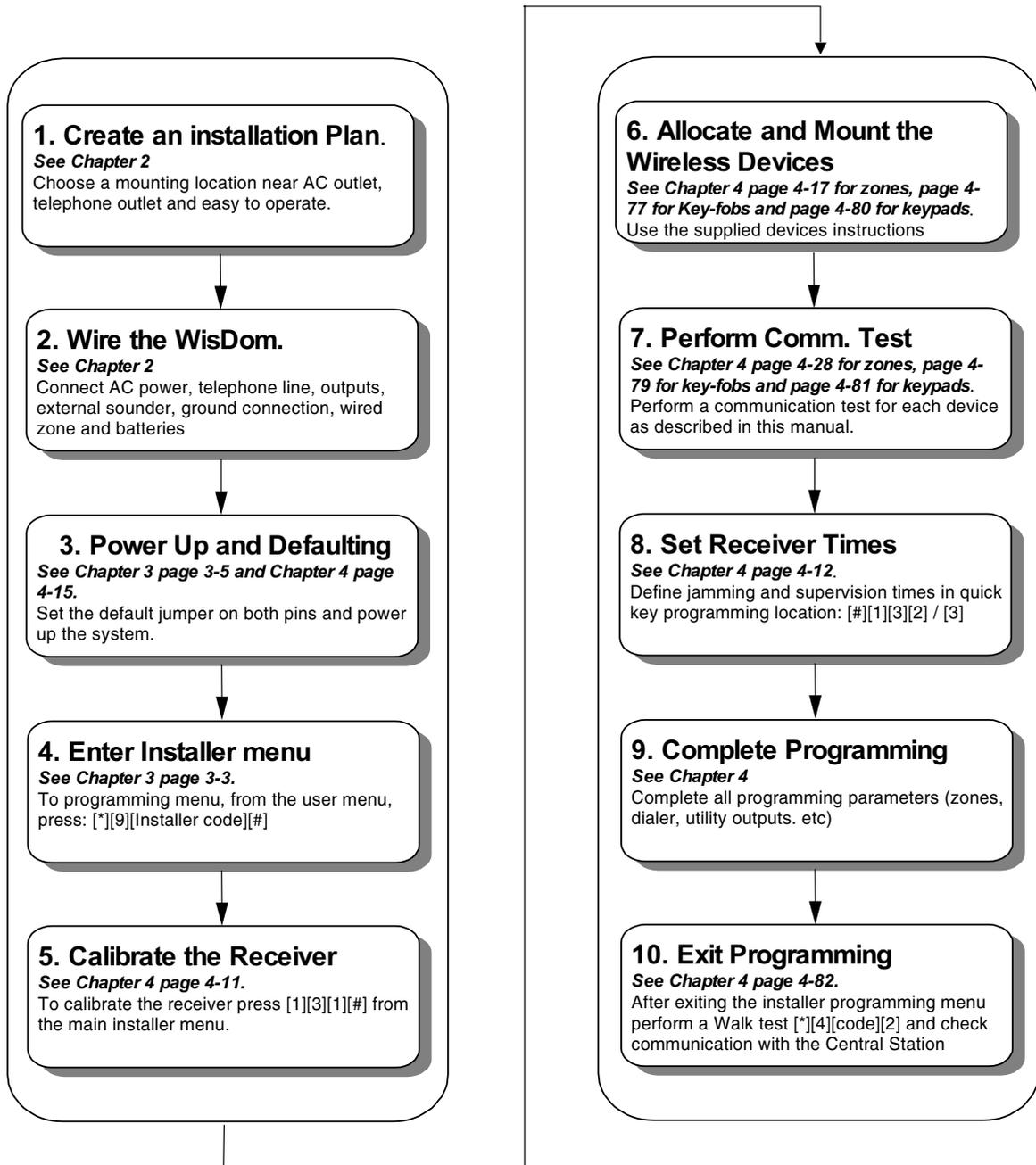
Chapter 2: Installing the WisDom

This chapter covers the installation procedures of the WisDom, as follows:

- ✦ WisDom Installation Steps, below
- ✦ WisDom Components, page, 2-2
- ✦ Mounting the WisDom, page 2-3
- ✦ Wiring the WisDom, page 2-6

WisDom Installation Steps

The following workflow illustrates the recommended method for installing the WisDom. A detailed description of each step is provided in the following sections of this manual.



WisDom Components

The illustration below shows the internal components when the front panel is separated from the back plate.

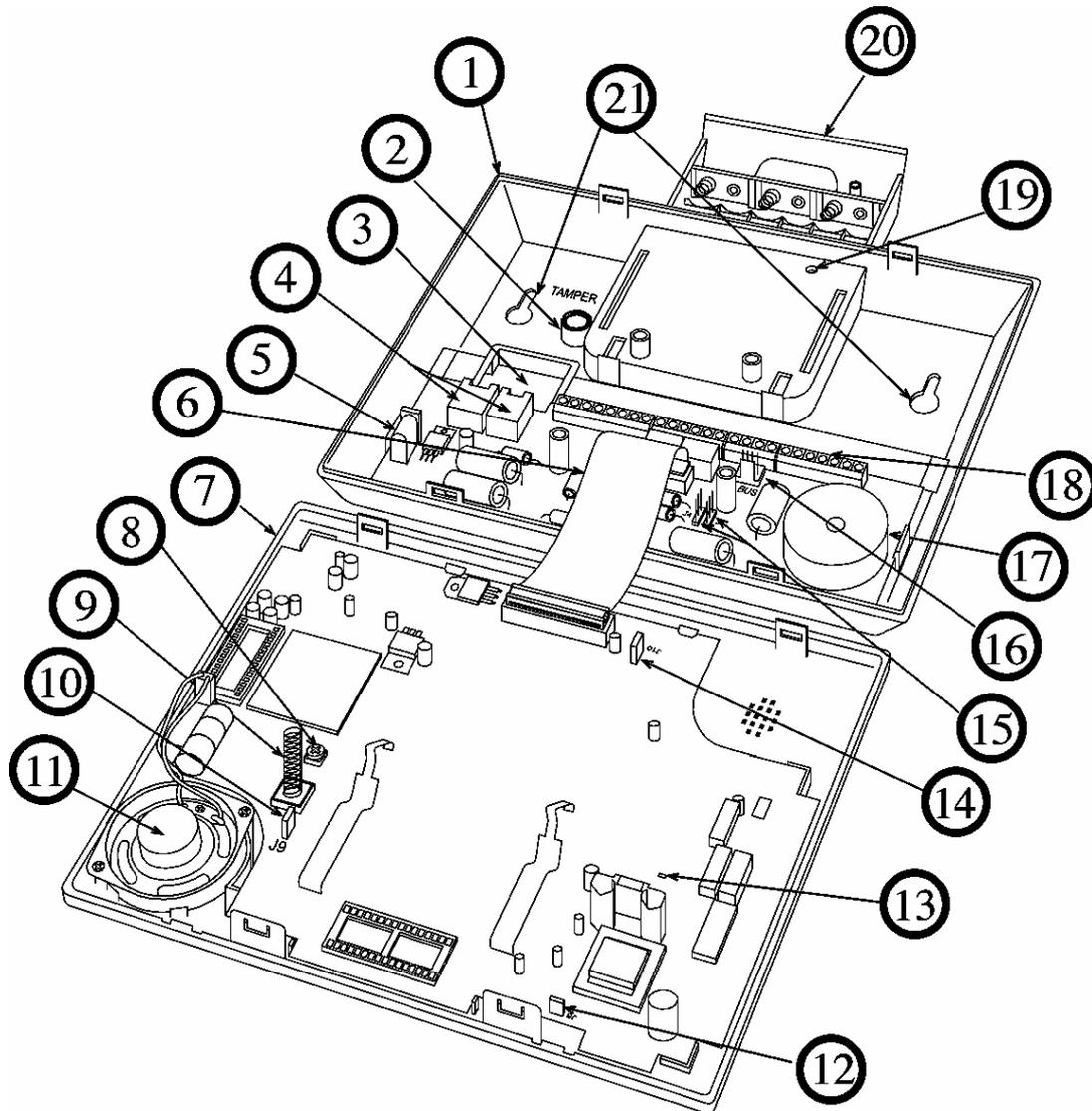


Figure 2-1: WisDom Internal components Layout

- | | |
|---------------------------|---------------------------------------|
| 1. Back panel | 12. AC restore jumper (J6) |
| 2. Tamper housing | 13. Line seizure LED |
| 3. Wires access hole | 14. Rechargeable Battery Jumper (J10) |
| 4. Telephone connectors | 15. Utility outputs jumper (J4, J5) |
| 5. AC connector | 16. BUS connector (J1) |
| 6. Ribbon Flat cable | 17. Internal siren / buzzer |
| 7. Front panel | 18. Main terminal block |
| 8. LCD back light trimmer | 19. Battery locking screw |
| 9. Tamper spring | 20. Backup battery holder |
| 10. Default jumper (J9) | 21. Wall Mounting holes |
| 11. Speaker | |

Mounting the WisDom

Choosing the mounting location

Before you mount the **WisDom**, study the premises carefully in order to choose the exact location of the unit for the best possible coverage and yet easily accessible to prospective users of the alarm system.

The mounting place of the **WisDom** should be:

- ◆ Try to centrally locate the system, as close as possible to the transmitters.
- ◆ Near an uninterrupted AC outlet.
- ◆ Near a telephone outlet.
- ◆ Far from sources of interference, including:
 - ❖ Direct sunlight or heat sources
 - ❖ Electrical noise such as computers, televisions etc.
 - ❖ Large metal objects, which may shield the antenna.
- ◆ In a place where the alarm can be heard during Stay arming mode.

Wall Mounting the WisDom

The **WisDom** is comprised of two sub-assemblies (front panel and back panel). It is mounted on the wall, using the proper hardware, as described below.

➤ To mount the WisDom on the Wall:

1. Separate the two sub assemblies as follows:
 - ❖ Remove the case locking screw located at the bottom of the unit.
 - ❖ Press on the two locking tabs at the bottom of the unit (see figure 2-2).

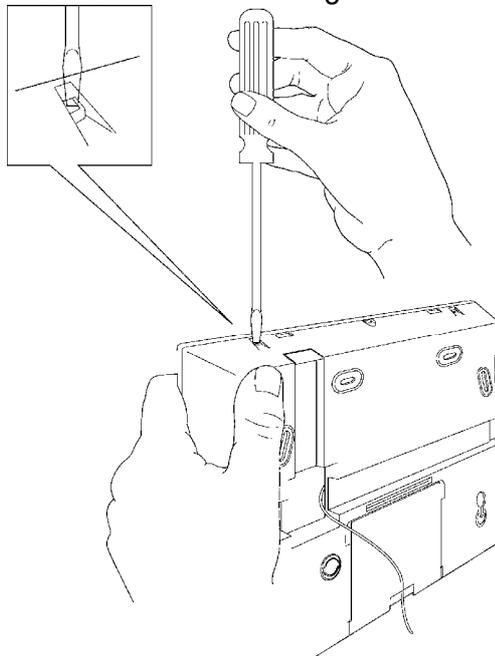


Figure 2-2: Opening the WisDom casing

- ❖ Gently hold the front panel from both sides, pull it up to a 45° angle and slide it to front to release the front panel from the two locking tabs at the top of the unit, see figure 2-2. (DO not open the front cover to a larger angle in order not to break the two top tabs at the top)
2. Disconnect the ribbon flat cable, leaving the flat cable connected to the front panel.

3. Pull the **WisDom** battery housing outward (See figure 2-1)
4. Release the back panel holding tabs (see Figure 2-3) located on both sides of the PCB and pull out the PCB gently.

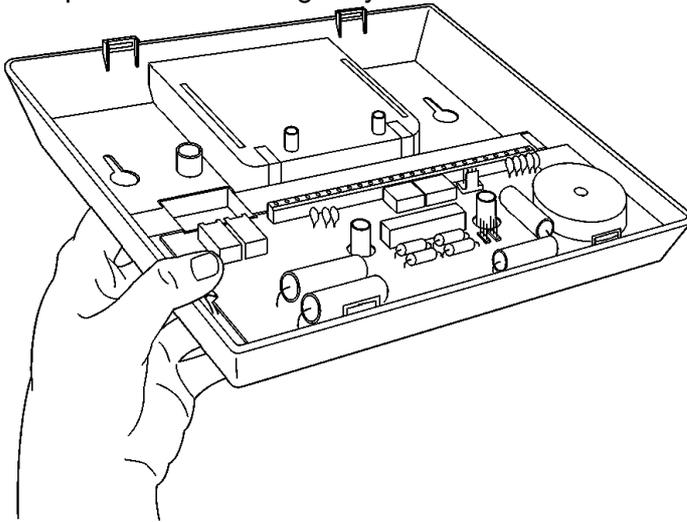


Figure 2-3: Releasing the PCB

5. Hold the back panel against the wall as a template and mark the locations for the mounting holes (6 mounting holes are available).
6. Drill the desired mounting holes and place the screw anchors. When attaching the box to the wall, it is recommended to use 4.2"mm, 32mm length screws (DIN 7981 4.2X32 ZP)
7. Open the wire entry knockouts in the back panel and insert the wires and cables via the cable's opening (including AC cable and telephone cable), see figure 2-4.

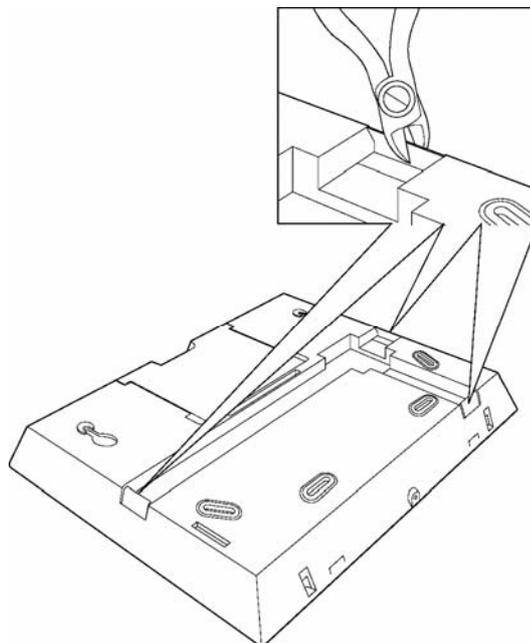


Figure 2-4: Open cable knockouts

8. Adjust the Tamper switch (using a flat screwdriver) according to your preferred configuration.
 - ❖ **Box only configuration** – Triggers the tamper when the box is tampered.
 - ❖ **Box and Wall configuration** - Triggers the tamper when the box or the wall mounting are tampered
9. Mount the back unit to the wall using the screws.

10. Connect the desired wires to the back panel's terminal block as illustrated in the WisDom Wiring Diagram on page 2-6.
11. If desired, before closing the unit:
 - ❖ Set the jumpers as described on page 2-11.
 - ❖ Set the LCD contrast as described on page 2-12.
 - ❖ Return the battery housing (after placing the batteries) and attach the battery locking screw (if required).
12. After the wiring connections are made, return the PCB to its place and reconnect the ribbon cable to the front panel.

**IMPORTANT:**

Before wiring the **WisDom**, ensure that the connection to the power supplies, mains or battery, is switched OFF.

13. Reattach the two sub-assemblies as follows:
 - ❖ Snap the front panel onto the upper tabs of the appropriate slots on the back panel. Pay attention to the placing of the tamper spring (see figure 2-5).
 - ❖ Push the bottom of the front panel onto the back panel so the locking tabs at the bottom hold it.

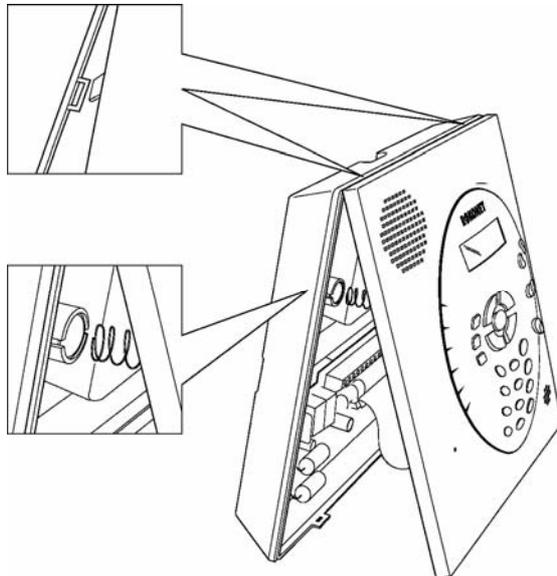


Figure 2-5: Locking tabs and Tamper Spring

- ❖ Reattach the case locking screw located at the bottom.

**IMPORTANT:**

Discharging Static Electricity: Please note that it is important to discharge static electricity that may have built up in your body before you touch a circuit. To do this, touch the earth.

Following Local Regulations: Be sure to follow your local regulations regarding fire protection, electrical installation, noise pollution, and security systems installation.

Wiring the WisDom

This step explains the various wiring and connection procedures that must be performed when wiring the **WisDom**, as follows



IMPORTANT:

Before wiring the **WisDom**, ensure that the connection to the power supplies, mains or battery, is switched OFF.

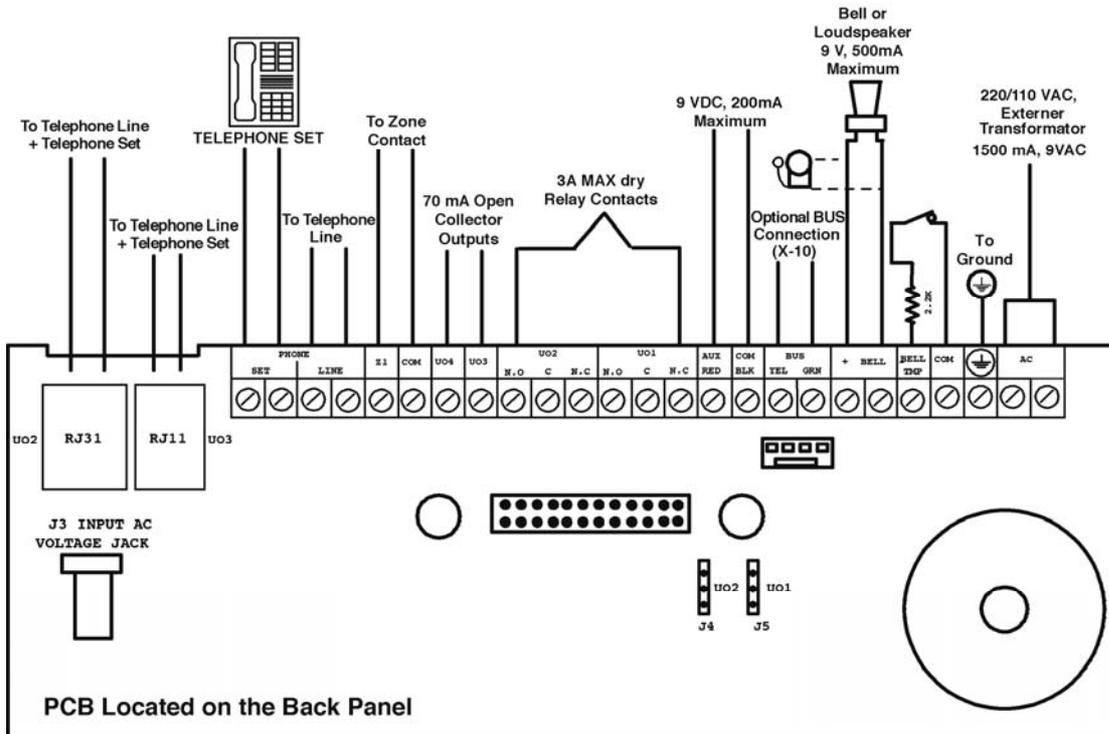


Figure 2-6: WisDom Wiring Diagram

Connecting AC Power

The **WisDom** is powered by a safety approved 220/110VAC to 9VAC 1500 mA transformer (supplied, ROKONET part number 1ACA230V9V for 220 VAC to 9VAC).

1. Connect the transformer to an AC source and to the AC connector (optional) or the AC terminals.



NOTES:

Do not connect the transformer to a power supply until you have completed all your wiring.
If you remove power from the unit (AC and battery), wait at least 10 seconds before reapplying power.

Connecting the Telephones Lines

Connect the system to a telephone line if the system is monitored or a remote connection to a follow me number is required.

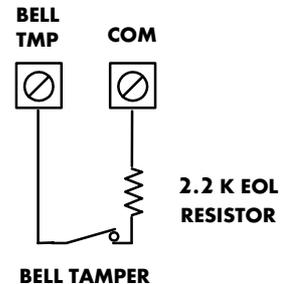
1. Connect the incoming telephone line to the PHONE LINE terminals or the optional plug-in U3 jack RJ11(pins 2,3) or to plug-in U2 RJ31 (pins 4,5) .
2. Connect any telephone on the premises to the PHONE SET terminals or the optional plug-in jack U3 RJ11 (pins 1,4) or to plug-in U2 RJ31 (pins 1,8).

**NOTE:**

To ensure line seizure capability, and comply with FCC part 68 regulations, the equipment must be connected directly to the Phone company lines ('CO'). Whether connected via RJ11, RJ31 or Terminal block, the line port must be connected to the CO lines without any other phones or other telecom equipment between them. Other telecom equipment can be connected only after (in series) the alarm panel.

Wiring the Bell Tamper

Connect the bell tamper to the BELL TMP and COM terminals on the PCB's block terminals using a 2.2 KΩ resistor.

**NOTE:**

Bell tamper will be indicated only if the system parameter External Bell, (quick key [1][2][31]) is defined as Yes. For more information refer to page 4-10.

Wiring the Utility Outputs

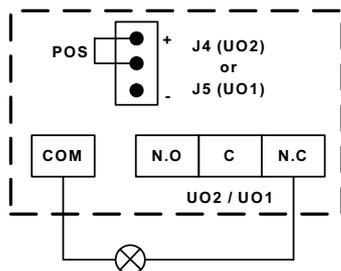
The **WisDom** includes 4 utility outputs (2 x 24VDC 3Amps relays, 2 x 13.8 VDC 70 mA transistor outputs). These outputs help operate external devices in response to a number of system activities related to alarms, zones, partitions, general system events, actions of particular user or scheduled events based on the system's internal clock.

➤ To wire Relay Outputs (UO1- UO2)

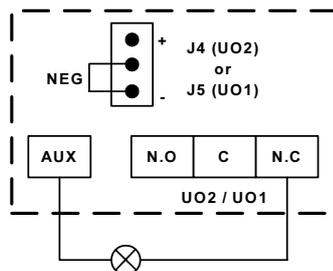
The connections of relay outputs UO1 and UO2 depend on the settings of jumpers J5 and J4 consecutively, which determine the outputs behavior. Wire the devices that you want to activate to the outputs UO1-UO2, as follows:

**NOTE:**

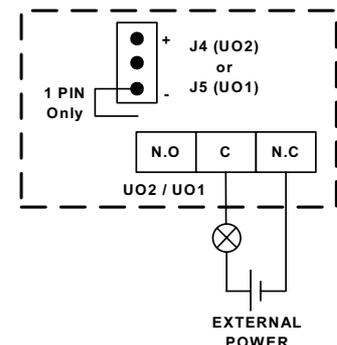
The maximum current for UO1 and UO2 should not exceed 200 mA in POS or NEG configurations. In 1 PIN Only configuration with an external power supply the maximum current for UO1 or UO2 should not exceed 3 Amps.



Positive: The C terminal on UO1/UO2 receives 9 VDC



Negative: The C terminal on UO1/UO2 receives COM



1 PIN only: UO1/UO2 behave as dry contacts

➤ To wire Transistor Outputs (UO3-UO4)

Connect the positive connection of the device to **AUX (+)** and the negative connection to the UO's (-) terminals.

Wiring an External Sounder

The **WisDom** is equipped with a built-in sounder (see figure 2-1). If desired, an external bell or piezo sounder can be connected to alert occupants and neighbors with a loud siren during an alarm.

➤ To wire an external sounder

1. Connect the external sounder wires to the BELL (+) (-) terminals. Ensure that you note the polarity when connecting an electronic siren and/or polarized bells.
2. Adjust the sound to be produced (See Chapter 4 page 4-10, quick key [1][2][32]) depending on the type of sounder.
 - ❖ For a loudspeaker without a built in siren driver, the WisDom produces a continuous or interrupted oscillating voltage.
 - ❖ For a bell or electric siren the WisDom produces a steady 9VDC voltage or a slow pulsating voltage, depending on the alarm type. Use a 9V 500mA maximum rated bell sounder.



WARNING:

To avoid Bell Loop Trouble if **NO** connection is made to the BELL terminals, connect a 2200Ω resistor between the terminals.



NOTES:

It is important to define the **BELL/LS system control parameter** correctly. The definition varies depending on the type of sounder.

If the bell output is overloaded (exceeds 500 mA) and is shut down, you must disconnect the load from the output for a period of at least 10 seconds before you reconnect any load to the auxiliary output

Ground Connection

Grounding provides a degree of protection against lightning and induced transients for any piece of electronic equipment that may, due to lightning or static discharge, experience permanent or general malfunctions. The ideal *ground* is considered to be a *unified earth ground* in which an 8-foot copper-clad rod, located close to the existing power and telephone ground rods, is sunk several feet into the earth. Appropriate hardware and clamps are then used to electrically connect each of these rods together and then to the ground terminal of the device to be protected.

It may be possible to use an existing electrical ground on the premises if one is close enough to the WisDom. When connecting the ground wire, use a solid 14-gauge wire [or larger (numerically *lower*) size]. Keep this wire as short as possible and do not run it in conduit, coil it, bend it sharply, or run it alongside other wiring. If you must bend it or change its direction, it should have a radius of at least 8 inches at the point from which it is bent. If in doubt, you may want to enlist the help of a licensed electrician in matters concerning such grounding.

➤ To connect to ground (Earth)

Connect between the WisDom's ground terminal and an acceptable electrical ground connection for the lightning transient protective devices in this product to be effective.



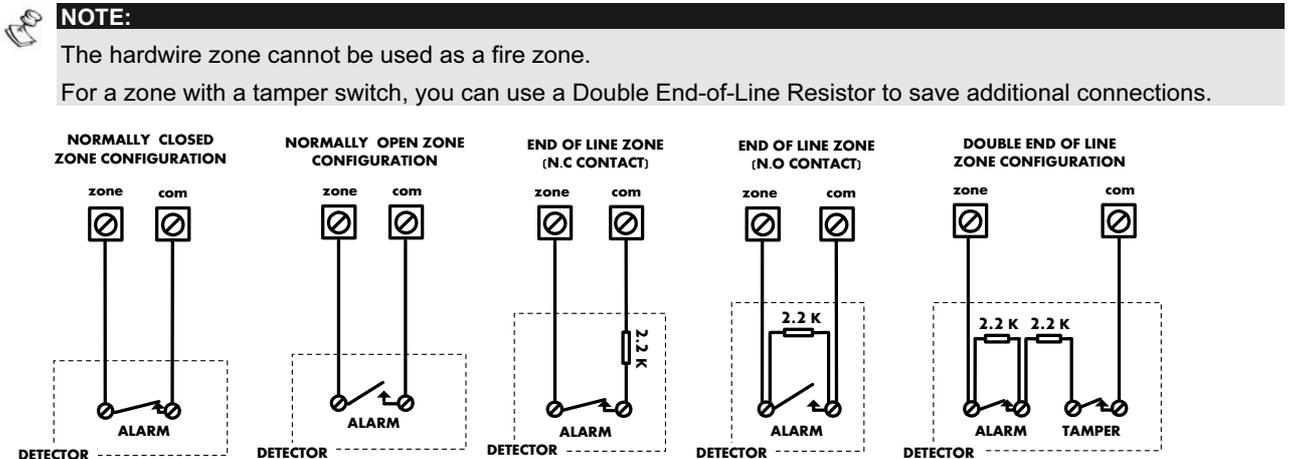
IMPORTANT:

Connecting to ground must be performed according to the local National Electrical Code.

Wiring the Hardwire Zone

The **WisDom** supports 1 hardwire zone - *Zone 33* which can be used for example to connect a key switch. Connect this zone using twisted-pair or 4-conductor cable wiring.

The following diagram illustrates the various zone connections:



Connecting the Backup Battery

The **WisDom** has 6 backup batteries that are used in time of main power failure. The batteries can be of two types:

- ✦ **Rechargeable:** Size AA, 1.2VDC cells
- ✦ **Non rechargeable:** Size AA, 1.5VDC Alkaline

! IMPORTANT:
Use only Rokonet provided batteries (rechargeable Nickel Cadmium cylindrical cell 1.2V 800mA AA). Do not attempt to use a different type of rechargeable batteries; failure to comply with the above instruction, may result in damage to equipment.

! CAUTION:
If rechargeable batteries are to be used, verify that J10 jumper is positioned on its **two** pins (see page 2-11). Failure to comply with the above instruction, may result in damage to personnel or equipment.

➤ To insert the Backup batteries:

1. Pull the **WisDom** battery housing outward.
2. Place the 6 batteries inside the battery housing. Pay attention to the batteries polarity printed on the case.
3. Insert the battery housing back to its place.
4. Secure the battery housing with the locking screw (if required).
5. After all wiring is done plug the transformer into the wall outlet.
6. To test the new batteries perform Battery Voltage test (User menu: Quick key [4][1][6]) and only then the regular Battery Test (User menu: Quick key [4][1][5]).

NOTE:
Rechargeable batteries should be charged for at least 24 hours. The “low battery” trouble should disappear within 15 minutes after the battery is charged.

! IMPORTANT:

1. When replacing the batteries be sure to buy the same type. Failure to comply with this instruction may result in damage to personnel and/or equipment.
2. **CAUTION:** Replacing a rechargeable cell with a non-rechargeable battery might cause damage unless you change the **RECHARGABLE BATTERY** jumper, located inside the **WisDom**.
3. Dispose of used batteries according to the proper instructions.

Auxiliary Terminal

Use the **Auxiliary Power AUX (+) COM (-)** terminals to power devices that require a 9VDC power supply with maximum current consumption of 200mA.



NOTES:

The total power from the **AUX** terminals should not exceed 200mA.

If the auxiliary output is overloaded (exceed 200mA) and is shut down, you must disconnect the load from the output for a period of at least 10 seconds before you reconnect any load to the auxiliary output.

Wired Expansion Bus Modules (Optional)

The **WisDom** includes provision for wiring of optional expansion modules. This refers to the set of 4 terminals located on the terminal block marked as **AUX RED**, **COM BLK**, **BUS YEL** and **BUS GRN**. For example, to connect the X-10 interface module you should use the **BUS** terminals. The connections for the expansion modules are terminal to terminal with color-coded wires as follows:

BUS Terminal	Description
AUX RED	+12V power for BUS expansion modules
COM BLK	Black 0V common for BUS expansion modules
BUS YEL	Yellow DATA connection for BUS expansion modules
BUS GRN	Green DATA connection for BUS expansion modules



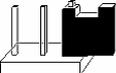
NOTE:

To prevent a possible drop down in voltage use a quality 4-conductor cable with an appropriate gauge size.

The maximum wire run permitted is 300 meters (1000 feet) for all legs of the BUS.

Jumpers Setting

The **WisDom** is equipped with internal jumpers. Use the following table to configure the jumpers according to the desired configuration:

Jumpers on front panel	Position	Function
DEFAULT (J9)		Enables to default the panel and restore the WisDom to the manufacturers default settings. Position the jumper plug over both pins when reinstating factory installed defaults values to the Main Panel programming (refer to <i>Chapter 3, Programming the WisDom</i>) or for installing programming using the Program Transfer module.
	 (Default)	Maintains the last programming setting and disables the restoring of the WisDom to the manufacturers default settings. Position the default jumper plug over one pin for safekeeping.
RECHARGEABLE BATTERY (J10)		Enables continuous battery charging. Use this setting when using rechargeable batteries.
	 (Default)	Disables battery charging. Use this setting when using non-rechargeable batteries.
AC RESTORE (J6)		Battery deep Discharge Protection is ON: If an AC power outage occurs, the WisDom automatically disconnects the battery when its backup battery voltage drops below 6.3 VDC, in order to prevent "deep discharge" that may damage the battery.
	 (Default)	NOTE: In this position the WisDom will not start to operate from a battery power supply, unless connected to the Mains first.
	 (Default)	Battery Discharge Protection is OFF: The battery may be totally discharged during continuous AC failure, thus battery replacement may be required (no deep discharge protection). NOTE: In this position the WisDom will start to operate from a battery power supply whether it is connected to the Mains or not.
Jumpers on back panel	Position	Function
UO1 (J5) or UO2 (J4)		Determines the UO1 / UO2 connection (behavior), see "Wiring the Utility Output" section on page 2-7. Default: 1 pin

Adjusting the LCD Contrast

The WisDom includes a trimmer located on the PCB of the front panel, next to the default jumper (see figure 2-1) that enables you to adjust the brightness and contrast of the LCD display. It is recommended to adjust the LCD display after powering up the system but prior to reattaching the two sub-assemblies when closing the unit.

➤ **To adjust the LCD contrast:**

Using a Philips screwdriver turn the trimmer clock-wise or counter clock-wise until the desired intensity is achieved

Chapter 3: Programming the WisDom

The **WisDom** is designed around microprocessor and EEPROM (Electrical Erasable Programming Read Only Memory), which stores the system's operating program, as well as its programmable parameters, without dependency of external power sources.

- ✦ This chapter explains the **WisDom** programming options, how to use the keypad elements, and the basics about programming via the keys. You can program the system at any time, even before installing it. All you need is to apply temporary power to the unit.

For detailed information about each Programming option, refer to *Chapter 4, Using the Installer Programming Menus*.

WisDom Programming Options

The **WisDom** can be programmed locally or remotely. The following describes the options to program the **WisDom** :

- ✦ **Local operation using the numerical Keys and LCD Display:** Instructions are provided on page 3-3.
- ✦ **Program Transfer Module (PTM):** (p/n RP128EE0000A) The PTM is a tiny circuit board into which a copy of the WisDom's configuration can be copied and stored as well as transferred to any installation when temporarily plugged into the 4-wire BUS connector. For detailed instructions refer to page 3-6 .
- ✦ **Upload/Download (U/D):** A software application that enables you to program the WisDom from a PC computer. It offers the following two alternatives:
 - ❖ Working locally, through a portable computer connected to the WisDom
 - ❖ Working at a remote site, communicating with the WisDom via a phone line and modem

When using the Upload/Download software, the following is required:

- ❖ IBM compatible PC
- ❖ Upload/Download software (p/n RP128UDIN00A)
- ❖ BUS adapter (p/n RP296EBA000A) cable and plug to connect between the PC serial COM port and the WisDom J1 BUS connector (for on-site use)
- ❖ Modem with access to a phone line (for remote use). Recommended modem by Rokonet is Hayes - OPTIMA 336.
- ❖ USB/485 converter for on-site use (p/n RP128EUSB00A) to connect between a PC USB port and the WisDom J1 serial connection. For additional details, refer to a Rokonet technical support representative.

Using the WisDom's LEDs and Keys

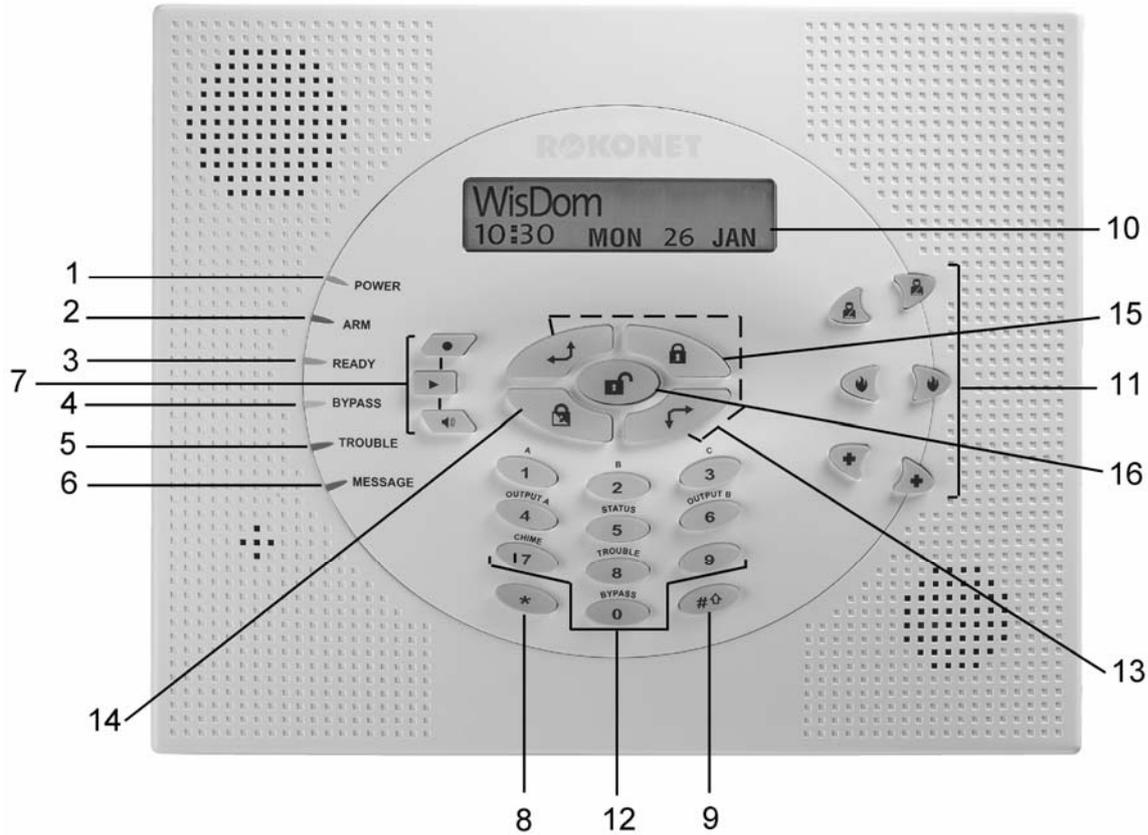
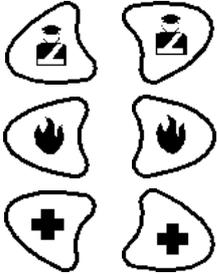
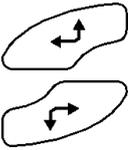


Figure 3-1: The WisDom Surface

The WisDom surface contains six LED indicators, an LCD display and a variety of keys. The LEDs have a different indication during programming mode than in normal operation mode. The LED's indication in normal operation mode is described in the WisDom user manual. The following table describes the LEDs and keys typical uses during the programming mode:

Item	Key/LED	Programming Mode
1	○ Power LED	❖ Slow flashing LED = an active programming session
2	○ Arm LED	These LEDs are off (unlit) during programming operations.
3	○ Ready LED	
4	○ Bypass LED	
5	○ Trouble LED	
6	○ Message LED	
7		These keys do not function during programming operations
8		Use this key to exit the current programming selection and move up to the next higher level in the programming hierarchy.
9		Use this key to enter selected information into the system or to accept the current selection and access the lower level of options in the programming hierarchy

Item	Key/LED	Programming Mode
10	LCD Program Display	The LCD program display consists of two lines. The top line displays information about the main selection mode, and the bottom line displays information and/or data about the specific option set. Such data may be changed through keypad entry. When programming, up to 16-characters can be entered into a line, as required.
11		These keys do not function during programming operations
12	0 through 9	Use the numbered keys, 0 through 9, to key in numbers and/or special characters when labeling zones, areas, and partitions. (For information about how to use the keypad for labeling zones, areas, and partitions, refer to <i>Chapter 4, Using the Installer Programming Menu.</i>)
13		Press either one of these keys to move back and forth through the programming level functions. These keys also change the position of the flashing cursor. When editing a selection, the cursor moves to the left or right respectively.
14		Use this key to toggle forward through the programming choices within a selection.
15		Use this key to toggle backward through the programming choices within a selection.
16		This key does not function during programming operations

Installer Programming from the WisDom Keys

This section explains how to use the WisDom keys to access the Installer Programming menu as well as how to restore the manufacturer's defaults, as described in the following sections:

- ◆ **Accessing the Installer Programming Menu**, below
- ◆ **Restoring Manufacturer's Programming Defaults**, page 3-5
- ◆ **Keypad Timeout**, page 3-5

Accessing the Installer Programming Menu

This section describes how to access the Installer Programming menu after the WisDom has been defaulted, as well as how to access it from the regular operation mode.

➤ **To access the Installer Programming Menu:**

1. From the regular operation mode press .

Note: When you power up the system for the first time, the display of the regular

operation mode will be:

```
WisDom:
--:-- . . . . .
```

2. After pressing  the keypad displays the first **User Functions** option, as follows:

```
User functions:
1) Zone bypass
```

Press **[9]** to select the **Installer** option or use the  key. The keypad displays the first option, as follows:

```
Installer:
1) Full prog.
```

3. Press **[1] Full prog.** to enter the full programming menu. The display prompts you for the Installer code, as follows:

```
Installer code:
█
```

4. Enter the default Installer Code: **[0][1][3][3]**
The code appears as ******** on the LCD display, as follows:

```
Installer code:
* * * *
```

5. Press  The following message display appears:

```
Installation:
Please wait,
```

Then the first main Installer Programming menu option is displayed, as follows:

```
Programming:
1) System
```

The Power LED begins flashing slowly at this point, indicating that you have entered a programming session.

The main Installer Programming menu options are available, as follows:

- | | |
|--------------------|-------------------------|
| [1] System | [6] Report codes |
| [2] Zones | [7] Key-fobs |
| [3] Outputs | [8] Keypads |
| [4] Codes | [0] Exit |
| [5] Dialer | |

Each of the main Installer Programming menu options enables you to access and program all of the WisDom options. Each option is also discussed in detail in *Chapter 4, Using the Installer Programming Menus*.

Restoring Manufacturer's Programming Defaults

You may find it useful to be able to remove all changes made to the WisDom's programming and restore the default settings provided by the manufacturer.



IMPORTANT:

Before defaulting the WisDom you should enable the Default Enable/Disable parameter that controls the authority to restore to the manufacture's defaults. The **Default** option for this parameter, as defined by the manufacturer is **Enable**. The quick programming key for this parameter is [1][7] from the main installer-programming menu.

If you need to program this parameter, remember to exit the installer-programming menu, after you set your choice, and save your selection.

➤ To restore the WisDom to the manufacturer's defaults:

1. Make sure that the Default Enable/Disable parameter is set to **Enable** (The default as supplied by the manufacturer is Enable)
2. Disconnect all power from the WisDom.
3. Open the WisDom unit and position the default jumper J9, located on the PCB of the front panel, on both pins.
4. Reconnect the power to the WisDom. All the LEDs flash once and a long beep is heard. The following message is displayed:

```
WisDom:
--:-- . . . .
```

5. Reposition the J9 default jumper on one of the J9 pins (where it resides for safekeeping).
6. Access the installer-programming menu as described on page 3-3 and program the system, as required.



NOTE:

Remember that the Installer Code has been restored to the manufacturer's default [0][1][3][3].

7. When you finish your programming, exit the installer-programming menu by selecting [0] **Exit** from the main installer-programming menu. The display prompts you to save your changes by displaying the following message:

```
DO YOU WANT TO
SAVE THE DATA? Y
```

8. Confirm saving the data by pressing the  key. A short beep is heard and the following messages are displayed.

```
PLEASE WAIT
SAVING DATA..
```

9. When the function is completed, the display goes to regular operation mode, as follows:

```
WisDom:
--:-- . . . .
```

If while exiting, the following display appears, this means that the J9 default jumper is **NOT** positioned on 1 pin, but wrongly positioned on both J9 pins.

```
EE U/D ACCESSORY
NOT FOUND
```

Keypad Timeout

If, after 15 minutes, during the installer programming, no entry is made to the keys the WisDom will produce an audible reminder, consisting of several beeps in rapid succession, along with the following display:

TIMEOUT HIT ANY KEY

Pressing any key stops the beeping. To re-enter the Installer Programming menu, you must key in your Installer code again and press .

Using the Program Transfer Module (PTM)

The Program Transfer module (PTM) is used to create and apply standard programming templates.

In addition, you can use the PTM on powered-up, properly functioning WisDom, which have been previously programmed.

- **To create a Programming Template by copying from a programmed WisDom:**
 - ◆ Use a programmed WisDom system to create a Programming Template to be applied to other WisDom systems. The programming on the WisDom is ready for copying.
- **To install a Programming Template on a WisDom system:**
 - ◆ Use an existing Programming Template on a PTM to install programming on a WisDom system.
- **To copy from a programmed WisDom system into the PTM:**
 1. Position the PTM on the J1 BUS connector located on the PCB of the back panel with the red LED **not** facing the row of terminals. The red LED flashes slowly.
 2. Remove the J9 Default Jumper plug from its position on one pin and position it on both of the two pins.
 3. Access the main Installer Programming menu by pressing  [9] [1] from the regular operation mode (see page 3-3).
 4. Without making any changes, exit the main Installer Programming menu by pressing [0]. The LED on the Program Transfer module flashes rapidly, and the keypad displays the following:

SAVING DATA IN EE U/D ACCESSORY

When the LED stops flashing rapidly, the WisDom beeps twice and displays the following:

DATA IS SAVED PLEASE WAIT...

Then the display returns to the normal operation mode display.

5. Remove the PTM from the J1 BUS connector.
6. Position the J9 jumper on one of the pins.
7. The PTM now contains a copy of the Main Panel's configuration.

➤ **To load the Program Transfer module's stored configuration into a WisDom:**

1. Position the PTM on the J1 BUS connector located on the PCB of the back panel with the red LED **not** facing the row of terminals. The red LED flashes slowly.
2. Remove the J9 Default Jumper plug from its position on one pin and position it on both of the two pins.
3. Momentarily remove all power from the WisDom (both Mains and Battery).
4. Restore power to the WisDom. After a moment, the LED on the Program Transfer module flashes rapidly, indicating that the information is being copied from the PTM to the WisDom system. The LCD keypad displays the following:

ROKONET
PLEASE WAIT . . .

When the LED stops flashing rapidly, the WisDom beeps once, and its display returns to the normal operation mode display.

5. Remove the PTM from the J1 BUS connector.
6. Position the J9 jumper on one of the pins.
7. Access the main Installer Programming menu by pressing ***** [9] [1] from the regular operation mode (see page 3-3).
8. Without making any changes, exit the main Installer Programming menu by pressing [0]. The following display appears:

DO YOU WANT TO
SAVE THE DATA? Y

9. Confirm saving the data by pressing the **#** key. A short beep will sound and the following messages are displayed.

PLEASE WAIT
SAVING DATA . .

Then the keypad returns to the normal operation mode display, and the WisDom's configuration now matches the PTM.

10. Reset its TIME and DATE, which were lost when power was removed. (Refer to the WisDom *User's Manual*.)

Chapter 4: Using the Installer Programming Menus

This chapter describes the WisDom’s installer programming options and functions, as well as all quick key shortcuts. They are presented in a table of menus are listed according to their number, as follows:

- 1 **System**, page 4-2
- 2 **Zones**, page 4-17
- 3 **Outputs**, page 4-34
- 4 **Codes**, page 4-41
- 5 **Dialer**, page 4-48
- 6 **Report Codes**, page 4-66
- 7 **Key-Fobs**, page 4-77
- 8 **Keypads**, page 4-80
- 0 **Exit**, page 4-82

Installer Programming Menu Conventions

The following pages describe the options and functions that can be accessed via the WisDom keys and how to program them.

Remember that these options are accessed from the Installer Programming menu, described in *Chapter 3, Programming the WisDom*. Each procedure also provides information about programming the system using the relevant Quick Keys.

The column headings appear as follows:

Column Heading	Description
Quick Keys	A shortcut to program an option. The shortcuts are listed in numerical sequence.
Parameter	The name of the option programmed by the selection.
Default	The factory default. The default values have been carefully chosen and are suitable for most installations. .
Range	Where applicable, the range of possible values.

➤ **To program the system using Quick Keys:**

1. Access the **Installer Programming** menu and select the main menu option that you want to access (refer also to *Chapter 3, Programming the WisDom*).
2. Press the **Quick Keys** listed in sequence (from left to right) to locate the option listed in the **Parameter** column and then press .



NOTE:

When programming items in sequence, you can use the  key to exit to the previous level and the  key to toggle the options.

1 System

The System menu provides access to submenus and their related parameters that are used for programming configuration settings applicable to the entire system.

After you access the System menu from the main Installer Programming menu, as described in this section, you can access the following sub-menus:

- 1 1 Timers**, page 4-3
- 1 2 Control**, page 4-4
- 1 3 Receiver**, page 4-11
- 1 4 Clock**, page 4-12
- 1 5 Labels**, page 4-13
- 1 6 Tamper Sound**, page 4-15
- 1 7 Default jumper**, page 4-15
- 1 8 Service Information**, page 4-16
- 1 9 Version**, page 4-16

➤ **To access the System menu:**

- ◆ From the Installer Programming menu, press **[1]**, or press the  or  keys until you find the number **[1] System** option and then press . The first submenu (Timers) appears:

```
System prog. :
1)Timers
```

You are now in the System menu and can access the required submenus, as described in the following sections.

1 1 System: Timers

The Time Define menu contains parameters that specify the duration of an action.

➤ **To access the Time Define menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [1] to access the Timers menu options. The following display appears:

System timers:
1) Ex/En delay 1 ↓

3. Access and configure the parameters in the Time Define menu, as follows:

System: Timers

Quick Keys	Parameter	Default	Range
[1] [1] [1]	Exit/Entry Delay 1 Exit/Entry Delays (Group 1).		
[1] [1] [1] [1]	Entry Delay 1 Duration of Group 1 Entry Delay.	30 seconds	1-255 seconds
[1] [1] [1] [2]	Exit Delay 1 Duration of Group 1 Exit Delay.	45 seconds	1-255 seconds
[1] [1] [2]	Exit/Entry Delay 2 Exit/Entry Delays (Group 2).		
[1] [1] [2] [1]	Entry Delay 2 Duration of Group 2 Entry Delay.	45 seconds	1-255 seconds
[1] [1] [2] [2]	Exit Delay 2 Duration of Group 2 Exit Delay.	60 seconds	1-255 seconds
[1] [1] [3]	Bell Timeout Duration of the external sounder(s) during alarm.	04 minutes	01-90 minutes
[1] [1] [4]	Bell Delay The time delay before the keypad sounder and the external sounder operates after the onset of an alarm.	00 minutes	00-90 minutes
[1] [1] [5]	AC Off Delay Time In the case of a loss of AC power, this parameter specifies the delay period before reporting the event or operating the Utility Output. If the delay time is set to 0 (zero), there will be no delay period	30 minutes	0-255 minutes
[1] [1] [6]	Phone Line Cut Delay In the case of a cut phone line, this parameter specifies the delay period before reporting the event into the event log or operating the Utility Output. 00 indicates no supervision of the phone line.	04 minutes	00-20 minutes

System: Timers

Quick Keys	Parameter	Default	Range
1 1 7	Confirm Time Window	30 minutes	30-60 minutes
<p>Specifies a time period that starts when an alarm is triggered for the first time. If a second alarm is triggered before the end of the confirmation time window, the WisDom will send a confirmed alarm to the Monitoring Station.</p>			
1 1 8	Start Confirmation	0 minutes	0-120 minutes
<p>Specifies that the WisDom cannot start a sequential confirmation process until the timer has expired. This time starts when the system has set and will prevent confirmed alarms being generated in situations when a person has been accidentally locked in the building.</p>			

1 2 System: Control

The System Control menu contains parameters that control specific system operations.

➤ To access the System Control menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [2] to access the System Control menu options. The following display appears:

System control:
01) Quick arm Y ↓

3. Access and configure the parameters in the System Control menu, as follows:

System: Control

Quick Keys	Parameter	Default	Range
1 2 01	Quick Arm	YES	YES/NO
<p>YES: Eliminates the need for a User Code when arming in STAY or AWAY modes.</p> <p>NO: A valid User Code is required for arming in STAY or AWAY modes.</p>			
1 2 02	Quick UO	YES	YES/NO
<p>YES: A user can activate a Utility Output without the need to enter a User Code.</p> <p>NO: A User Code is required to activate a Utility Output.</p>			
1 2 03	Allow Bypass	YES	YES/NO
<p>YES: Permits zone bypassing by authorized system users after entering a valid User Code.</p> <p>NO: Zone bypassing is NOT permitted.</p>			
1 2 04	Quick Bypass	NO	YES/NO
<p>YES: Eliminates the need for a valid User Code when bypassing zones.</p> <p>NO: Qualified users must enter a valid User Code to bypass zones.</p>			

System: Control

Quick Keys	Parameter	Default	Range
1 2 05	False Code Trouble	NO	YES/NO
	<p>YES: A False Code report is sent to the Central Station after three successive attempts at arming or disarming in which an incorrect User Code is entered. No alarm sounds at the premises, but a trouble indication appears on the system's keypad(s).</p> <p>NO: A local alarm is sounded at the premises.</p>		
1 2 06	Bell Squawk	YES	YES/NO
	<p>YES: If a keyswitch or a rolling code remote control is used, a brief "chirp" is produced from the system's external sounder(s) (at the conclusion of the Exit Delay period), as follows:</p> <ul style="list-style-type: none"> ◆ One chirp indicates the system is armed. (Also when arming from the keypad) ◆ Two chirps indicate the system is disarmed. ◆ Four chirps indicate the system is disarmed after an alarm. <p>NO: No "chirp" is produced.</p>		
1 2 07	Bell 30/10	NO	YES/NO
	<p>YES: The sounders cease to sound for 10 seconds after each 30 seconds of operation.</p> <p>NO: The sounders operate without interruption.</p>		
1 2 08	Phone Cut Alarm	NO	YES/NO
	<p>YES: Activates the sounders if the phone line is cut or the telephone service is interrupted for the time defined in the Phone Line Cut Delay Time parameter. (Refer to <i>Phone Line Cut Delay Time</i>, page 4-3.)</p> <p>NO: No activation occurs.</p>		
1 2 09	3 Minute Bypass	YES	YES/NO
	<p>YES: Bypasses all zones automatically for 3 minutes when power is restored to an "unpowered" system to allow for the stabilization of motion and/or smoke detectors.</p> <p>NO: No bypassing occurs.</p>		
1 2 10	Audible Panic	NO	YES/NO
	<p>YES: The sounders operate when a "Police Alarm" is initiated at the keypad or when a Panic Zone is activated.</p> <p>NO: No sounder operation occurs during a keypad "Police Alarm," making the alarm truly "silent" (Silent Panic).</p>		
	<p>NOTE:</p> <p>The system also transmits a Panic report to the Central Station.</p>		
1 2 11	Buzzer-->Bell	NO	YES/NO
	<p>YES: If an alarm occurs when the system is armed in the STAY mode, a buzzer sounds for 15 seconds before the sounders operate.</p> <p>NO: An alarm in the STAY mode causes sounders to operate simultaneously.</p>		

System: Control

Quick Keys	Parameter	Default	Range
1 2 12	Fire Temporal Pattern	NO	YES/NO
	<p>YES: During a fire alarm, the sounders produce a pattern of three short bursts, followed by a brief pause.</p> <p>NO: During a fire alarm, the flow of sounds produced by the sounder is a pattern of 2 seconds ON, then 2 seconds OFF.</p>		
1 2 13	Code Grand Master	NO	YES/NO
	<p>YES: Only a user with the Grand Master Authority Level can change all User Codes, along with the TIME and DATE.</p> <p>NO: Users with the Master and Manager Authority Levels can change their own User Codes, all codes with a lower Authority Level, and the TIME and DATE.</p>		
1 2 14	Audible Jamming	NO	YES/NO
	<p>Relates to the Jamming Time parameter, described on page 4-12.</p> <p>YES: Once the specified time is reached, the WisDom activates the sounder and sends a Report Code to the Central Station. (Refer to <i>Jamming Trouble</i>, page 4-73.)</p> <p>NO: Once the specified time is reached the sounders do not operate.</p>		
1 2 15	Technician Tamper	NO	YES/NO
	<p>YES: It is necessary to enter the Installer Code to reset a Tamper Alarm. Therefore, Tamper Alarm resets require the intervention of the alarm company. However, the system can still be armed.</p> <p>NO: Correcting the problem resets a tamper Alarm, requiring no alarm company help.</p>		
1 2 16	Technician Reset	NO	YES/NO
	<p>YES: It is necessary to enter the Installer Code to reset an alarmed partition after it's been disarmed. This requires the intervention of the alarm company.</p> <p>NOTE: Before the READY LED can light, all zones within the partition must be secured.</p> <p>NO: Once an alarmed partition is reset, the READY LED lights when all zones are secured.</p>		
1 2 17	Abort Alarm	NO	YES/NO
	<p>YES: If an alarm is sent in error, it is possible for the Central Station to receive an Abort Alarm Code, sent subsequent to the initial Alarm Code. This happens if a valid User Code is entered to reset the alarm within 90 seconds of initiation.</p> <p>NO: No Abort Alarm Code can be sent once an alarm has been triggered.</p>		

System: Control

Quick Keys	Parameter	Default	Range												
1 2 18	Summer/Winter Clock	NO	YES/NO												
<p>YES: The WisDom automatically sets its Time of Day clock one hour ahead in the spring (on the last Sunday in March) and one hour back in the Autumn (on the last Sunday in October).</p> <p>NO: No automatic time accommodation is made.</p>															
1 2 19	Forced Keyswitch Arming	YES	YES/NO												
<p>YES: Keyswitch arming is performed on any partition. Any violated (not READY) zone(s) in the partition will be bypassed automatically. The partition is then "force armed," and all intact zones are capable of producing an alarm.</p> <p>NO: The partition cannot be armed using a keyswitch until all violated (not READY) zones are secured.</p>															
1 2 20	Pager	NO	YES/NO												
<p>Relates to the use of an alphanumeric pocket pager with the option to notify the customer when an event occurs. The pager's phone number must be programmed as a Follow-Me device in the WisDom's User Functions.</p> <p>YES: When a call is made, event information is displayed on the alphanumeric pager.</p> <p>The following examples and tips clarify the YES option.</p> <p>Enter the phone number, as described in the <i>WisDom User's Manual</i>, by entering the letter [B] (which instructs the dialer to wait a fixed period of time before continuing).</p> <p>Add the partition number to which the Follow-Me relates.</p> <p>The following messages are delivered automatically to the pager.</p>															
<table border="1"> <thead> <tr> <th>Displayed</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>1#</td> <td>The system (or partition) is armed.</td> </tr> <tr> <td>2#</td> <td>The system (or partition) is disarmed.</td> </tr> <tr> <td>3#</td> <td>The system (or partition) is in ALARM mode.</td> </tr> </tbody> </table> <p>In the example below, the first column displays the characters that are added after you enter the letter [B]:</p>				Displayed	Meaning	1#	The system (or partition) is armed.	2#	The system (or partition) is disarmed.	3#	The system (or partition) is in ALARM mode.				
Displayed	Meaning														
1#	The system (or partition) is armed.														
2#	The system (or partition) is disarmed.														
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<table border="1"> <thead> <tr> <th>Characters Added After [B]</th> <th>If Displayed</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11#</td> <td>Partition 1 is armed.</td> </tr> <tr> <td>2</td> <td>22#</td> <td>Partition 2 is disarmed.</td> </tr> <tr> <td>3</td> <td>33#</td> <td>Partition 3 is in ALARM mode.</td> </tr> </tbody> </table>				Characters Added After [B]	If Displayed	Meaning	1	11#	Partition 1 is armed.	2	22#	Partition 2 is disarmed.	3	33#	Partition 3 is in ALARM mode.
Characters Added After [B]	If Displayed	Meaning													
1	11#	Partition 1 is armed.													
2	22#	Partition 2 is disarmed.													
3	33#	Partition 3 is in ALARM mode.													
<p>NO: The WisDom calls a pager during an alarm situation only in the partition for which it is programmed as a Follow-Me device. There are no enhancements to the standard message.</p>															

System: Control

Quick Keys	Parameter	Default	Range
1 2 21	Arm Pre-Warning	YES	YES/NO
	Related to auto arm/disarm operation.		
	YES: For any partition(s) set up for Auto Arming, an audible Exit Delay (warning) countdown will commence 4.25 minutes prior to the automatic arming. (Refer to the user's Daily Arm function in the <i>WisDom User's Manual</i> for additional details.)		
	During this period, Exit Delay beeps will be heard.		
	You can enter a valid User Code at any time during the countdown to delay the partition's automatic arming by 45 minutes.		
	When an "auto-armed" partition is disarmed, as described above, it can no longer be automatically armed during the current day.		
	The extended 4.25 minutes warning does not apply to automatic STAY mode arming.		
	NO: Auto Arming for any programmed partition(s) takes place at the designated time.		
	The programmed Exit Delay period and any audible signal occur as expected.		
1 2 22	Low Battery Arm	YES	YES/NO
	YES: Allows arming of the system when a low battery condition is detected.		
	NO: Arming the system is disabled when a low battery condition is detected.		
1 2 23	Eng. Tamper	NO	YES/NO
	YES: After a Tamper alarm, the system is not ready to arm. This requires the intervention of the alarm company.		
	NO: After a Tamper alarm is restored the system is ready.		
1 2 24	Blank Display	NO	YES/NO
	YES: One minute after the last keypad operation, the display will appear blank. After pressing any key, an Enter Code message will be displayed. After the code is entered, the display returns to the normal operation mode.		
	NO: The LCD display operates normally.		
1 2 25	24 Hour Bypass	NO	YES/NO
	YES: A user can bypass a 24-hour zone.		
	NO: A user cannot bypass a 24-hour zone.		

System: Control

Quick Keys	Parameter	Default	Range
1 2 26	IMQ Install	NO	YES/NO
	<p>YES: Causes the following parameters to function as follows:</p> <ul style="list-style-type: none"> ✦ Auto Arm Bypass: If there is an open zone during the Auto Arm process, the system will be armed, and a silent alarm will be activated (unless the open zone is closed). ✦ A utility output defined as “Auto Arm Alarm” (see page 4-37) is activated. ✦ A utility output defined as “Zone Loss Alarm” (see page 4-38) is activated <p>NO: Causes the following parameters to function as follows:</p> <ul style="list-style-type: none"> ✦ Auto Arm Bypass: If the Auto Arm programming arms the system and there is an open zone during the auto arm, the system will bypass the open zones and arm the system. ✦ A utility output defined as “Auto Arm Alarm” (see page 4-37) is deactivated. ✦ A utility output defined as “Zone Loss Alarm” (see page 4-38) is deactivated 		
1 2 27	Grand Master Authority/Partition	YES	YES/NO
	<p>YES: Specifies that the allowed partitions and the authority level of a user can be changed by the Installer (Installer menu) or the Grand Master (User menu).</p> <p>NO: Specifies that only the Installer can change the partition and the authority level of a user from the Installer programming menu.</p>		
1 2 28	Disarm Stop FM	YES	YES/NO
	<p>YES: The Follow-Me calls will stop when the partitions are disarmed by a User Code.</p> <p>NOTES:</p> <p>When a latched keyswitch is activated, you can only disarm the system by releasing the latched keyswitch.</p> <p>When disarming from remote phone the Disarm Stop FM feature acts as NO even if it is defined as YES.</p> <p>NO: The Follow-Me calls will continue to be made when the partitions are disarmed by a User Code.</p>		
1 2 29	Global Follower	No	YES/NO
	<p>YES: Specifies that all zones (that are programmed to follow an Exit/Entry Delay time) will follow the Exit/Entry Delay time of any armed partition.</p> <p>NO: Specifies that all zones (that are programmed to follow an Entry Delay time) will follow the Entry Delay time of only the partitions to which they are assigned.</p>		

System: Control

Quick Keys	Parameter	Default	Range
1 2 30	Area	NO	YES/NO
<p>Changes the system operation to Area instead of Partition, which then changes only the operation of the common zone.</p> <p>YES: When selected, the following points are relevant:</p> <ul style="list-style-type: none">◆ The common zone will be armed after any partition is armed.◆ The common zone will be disarmed only when all partitions are disarmed. <p>NO: When selected, the following points are relevant:</p> <ul style="list-style-type: none">◆ The common zone will be armed only when all partitions are armed.◆ The common zone will be disarmed when any partition is disarmed.			
1 2 31	External Bell	NO	YES/NO
<p>YES: Use this option when an external sounder is connected to the WisDom. The WisDom supervises the Bell (+)(-) terminals and BELL TMP COM terminals and announces troubles, events, alarms and reports. To avoid Bell loop trouble, if no connection is made to the Bell (+)(-) terminals, use a 2.2 KΩ resistor in its place .</p> <p>To avoid tamper alarm, if no connection is made to the BELL TMP COM terminals use a 2.2 KΩ resistor in its place.</p> <p>No: Use this option when no external sounder is connected to the WisDom. The WisDom's Bell (+)(-) terminals and BELL TMP COM are not supervised. There will not be an indication of bell loop trouble or bell tamper alarm if no connection is made to these terminals.</p>			
1 2 32	Loudspeaker-No/Bell-Yes	NO	YES/NO
<p>YES: (For a bell or electric siren) A 9 VDC is produced at the Bell terminals during burglary and panic alarm. A pulsing voltage is produced during a fire alarm.</p> <p>No: (For a loudspeaker with no build in siren driver) The WisDom produces a continuous oscillating voltage for burglary and panic alarms and an interrupted oscillating voltage for fire alarms.</p>			

1 3 Receiver

The Receiver menu contains parameters that control the WisDom receiver.

➤ To access the Receiver menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [3] to access the Receiver menu options. The following display appears:

```
Receiver:
1) Calibration ↓
```

3. Access and configure the parameters in the Receiver menu, as follows:

System: Receiver

Quick Keys	Parameter	Default	Range
1 3 1	Calibration		
	Establishes the threshold level for jamming indication in order to eliminate false jamming alarms.		
	Range for noise threshold: 00-99 .		
	1. Press [1]. The following display appears, showing the current threshold level:		
	<pre>Thold=XX Re-calibrate? N</pre>		
	2. To perform a new automatic calibration, use the  key to select [Y] YES.		
	After the calibration process is finished, the new noise threshold is displayed, as follows:		
	<pre>Thold=XX New Thold=XX</pre>		
	3. To confirm the new threshold, press  ,		
	-OR-		
	To change the threshold manually, enter the required level and press  .		

NOTES:

In order to ensure that a momentary high noise level (due to environmental reasons) will **not** cause a jamming alarm, you can set the noise level to be **higher** than the calibrated level.

System: Receiver

Quick Keys	Parameter	Default	Range
1 3 2	Jamming Time	No Jamming detection	NONE, 10, 20 or 30 seconds
	<p>Specifies the period of time that the WisDom's receiver tolerates unwanted radio frequencies capable of blocking (jamming) signals produced by the system's transmitters. Once the specified time is reached, the WisDom sends a Report Code to the Central Station. (Refer to <i>Jamming Trouble</i>, page 4-73.)</p> <p>NONE: No jamming will be detected or reported.</p> <p>NOTE:</p> <p>Refer also to <i>Audible Jamming</i>, page 4-6. Different sounds will be produced when jamming is detected, depending on the defined Audible Jamming time.</p>		
1 3 3	Supervisory (S.V.) Time	0 hours	0-7 hours
	<p>Specifies how often the WisDom checks for supervision signals, identifying each of the system's transmitters. The WisDom generates a local trouble signal identifying the zone of any transmitter from which a signal is not received during the specified interval. Then it sends the Supervision Report Code to the Central Station. (Refer to <i>Report Codes: Zones trouble</i> page 4-69.)</p> <p>NOTES:</p> <p>0 hours disables supervision.</p> <p>It is recommended to set the supervision time to a minimum of 3 hours.</p>		

1 **4** System: Clock

The Clock menu enables you to set the system's date and time.

➤ To access the Clock menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[4]** to access the Clock menu options. The following display appears:

```
System Clock:
1) System time
```

3. Access and configure the parameters in the Clock menu, as follows:

System: Clock

Quick Keys	Parameter	Default	Range
1 4 1	System Time	00:00	HH:MM
	<p>Sets the current TIME (in 24-hour format).</p>		
1 4 2	System Date	JAN 01 2000 (SAT)	MM DD YYYY (DAY)
	<p>Sets the current DATE. (Refer to <i>Chapter 3, Programming the WisDom</i>, for instructions for using the keypad.)</p>		

1 5 System: Labels

The System Labels menu enables you to modify the labels displayed by the LCD that identify the system and partition labels.

Entering a New Label Using the WisDom Keys

You can rename the labels that identify zones and partitions by changing the default labels (**Partition 1**, **Partition 2**, and so on) to, for example, **The Jones's**, **Sales Dept**, or **Mastr Bedr** as appropriate.

➤ To enter a new label:

Use the keys on the keypad to produce characters according to the table below. Pressing a particular key toggles between the characters available from that key in the sequence listed below followed by a blank space. The WisDom permits a total of 74 characters (letters, numbers, and symbols) for use in labeling.



NOTE:

The data sequence of each key in the following table is suitable only for the English version.

KEY	DATA SEQUENCE														
1	1	A	B	C	D	E	F	G	H	I	J	K	L	M	
2	2	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
3	3	!	"	&	'	:	-	.	?	/	()			
4	4	a	b	c	d	e	f	g	h	i	j	k	l	m	
5	5	n	o	p	q	r	s	t	u	v	w	X	y	z	
6 - 0	Each of these keys toggles between producing their number and a blank space.														
	Use this button to toggle forward through the available characters.														
	Use this button to toggle backward through the available characters.														
	To move the cursor to the left.														
	To move the cursor to the right.														
	To enter a completed label into the system.														

The number of allowed characters for each type of label varies, as follows:

- ◆ **Zone Label:** Up to 15 characters
- ◆ **Partition Label:** Up to 12 characters
- ◆ **Programmable Output Label:** Up to 12 characters
- ◆ **Message to the User Label:** Up to 12 characters
- ◆ **Service Information Label:** Up to 16 characters
- ◆ **Service Name Label:** Up to 16 characters
- ◆ **System Global Label:** Up to 16 characters
- ◆ **User Label:** Up to 10 characters

➤ **To access the System Labels menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[5]** to access the Labels menu options. The following display appears:

Labels : 1) System

3. Access and configure the parameters in the System Labels menu, as follows:

System: Labels

Quick Keys	Parameter	Default	Range
[1] [5] [1]	System	WisDom	Any 12 characters
Edits the global (system) label for viewing during Download sessions.			
[1] [5] [2] to [1] [5] [4]	Partitions 1 through 3	Partitions 1 through 3	Any 12 characters

Partitions 1 through 3.

Example: The example below describes how to edit each partition label.

TO ASSIGN THE JONES'S NAME TO PARTITION 1, FOLLOW THE STEPS BELOW:

1. Press **[1]** for partition 1 and press .
2. Press the **[2]** key repeatedly until a **T** appears in the display; press the  key once to move the cursor to the right.
3. Press the **[4]** key repeatedly until an **h** appears in the display; again, press the  key to advance the cursor.
4. Press the **[4]** key repeatedly until an **e** appears and press the  key to advance the cursor.
5. Press the **[6]**, **[7]**, **[8]**, **[9]**, or **[0]** key to create a space and press the  key to advance the cursor.
6. Press the **[1]** key until a **J** appears.
7. Use the elements of this procedure to assign the remaining Partition Labels.

1 6 System: Tamper Sound

The Tamper Sound menu contains parameters that enable you to set the sound(s) that will be produced by the WisDom after a Tamper violation of a zone, the WisDom box, wireless keypad or any other device.

➤ To access the Tamper Sound menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [6] to access the Tamper Sound menu options. The following display appears:

Tamper sound:
5) Bell/A Buz/D

3. Access and configure the parameters in the Tamper Sound menu, as follows:

System: Tamper Sound

Quick Keys	Parameter	Default	Range
1 6 1 to 5	TAMPER SOUND	BELL/A BUZZER/D	1 to 5
Sets the sound(s) produced by a Tamper violation as follows:			
Key	Sound		
1	Silent		
2	Bell (External Sounder) Only		
3	Buzzer (Keypad Piezo) Only		
4	Bell + Buzzer		
5	Bell/A Buzzer/D		

NOTE:

If you select the last option (5), during a Tamper alarm, a bell will sound when the system is armed, and a buzzer will sound when the system is disarmed.

1 7 System: Default Jumper

Default: Enable

Range: Enable/Disable

The Default jumper parameter relates to what happens if the DEFAULT (J9) Jumper is in place when power to the WisDom is switched off and then on.

➤ To access the Default jumper menu option:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [7] to access the Default jumper menu option. The following display appears:

Default jumper:
(J9) is enabled

3. Select the required option, as follows:
 - ❖ **ENABLE:** The WisDom loses its programmed configuration, including all Labels and User/Installer Codes. It returns to its original, factory default configuration. Any user who knows the default User and Installer Codes can then reprogram it.
 - ❖ **DISABLE:** An unauthorized user cannot return the system to the manufacturer's default settings. The WisDom maintains its previously programmed configuration, keeping all Parameters, Labels, and User/Installer Codes intact. As with any instance of a total loss of power, you must reset the system's TIME and DATE.

1 8 **System: Service Information**

The Service Information menu enables to insert information accessible to the system's users of the alarm company from whom the service is obtained.

➤ **To access the Service Information menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [8] to access the Service Information menu options. The following display appears:

Service info:
1) Serv. Name

3. Access and configure the parameters in the Service Information menu, as follows:

System: Service Information

Quick Keys	Parameter	Default	Range
1 8 1	Service Name Enables you to insert and/or edit the name of the alarm company from whom service may be obtained. For additional details about how to enter a label, refer to page 4-13).	Rokonet Security	Any 16 characters
1 8 2	Service Phone Enables you to insert and/or edit the service phone number.	System	Any 16 characters

1 9 **System: Version**

The System Version menu supplies the current system version .

➤ **To access the System Version menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press [9] to access the System Version menu option. The system version with the software's checksum number is displayed.

2 Zones

The Zones menu provides access to submenus that are used for programming, defining, editing and testing each of the system's protected zones.

After you access the Zones menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

2 1 **Allocation**, page 4-17

2 2 **Parameters**, page 4-18

2 3 **Testing**, page 4-28

2 4 **Editing**, page 4-29

2 5 **Crossing**, page 4-31

2 6 **Alarm Confirmation**, page 4-32

➤ To access the Zones menu:

◆ From the main Installer Programming menu, press **[2]**, or press the  or  keys until you find the number **[2] Zones** option and then press . The first submenu (Allocation) appears:

```
Zones :
1)Allocation
```

You are now in the Zones menu and can access the required submenus, as described in the following sections.

2 1 Zones: Allocation

The Zone Allocation menu enables to allocate the data it receives from any of the system's wireless transmitters in a process often referred to as WRITE mode. For additional information refer to the instructions supplied with each transmitter.

➤ To access the Allocation menu:

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press **[1]** to access the Allocation menu options.
3. Specify a two-digit zone number intended for the first wireless transmitter and press . The following display appears:

```
Zone:xx (Alloc)
1)Skip
```

2 1 ZZ  Skip

1

Skip to the next transmitter assignment

2 1 ZZ  **Re (Write)**

2

Overwrite the data into the selected location and allocate the transmitter to a zone (within 255 seconds), according to the instructions supplied with each transmitter. If the WisDom successfully recognizes the transmitter it will sound a confirmation beep.

2 1 ZZ  **Delete**

3

Erase the allocation data in the selected location and then press **[Y] YES** or **[N] NO** to confirm your choice

2 1 ZZ  **Supervision**

4

Choose supervision and then press **[Y] YES** or **[N] NO** to confirm your choice

2 2 **Zones: Parameters**

The Parameters menu provides access to submenus and their related parameters that are used for programming the characteristics of each of the system's protected zones.

You can program by zone or by category. The first submenu allows you to program all parameters for each zone one by one. You can also program one or more zones by category using the following sub-menus: label, partition, Zone Type, Zone Sound and force arming.

After you access the Parameters menu from the main Installer Programming menu, as described in this section, you can access the following submenus :

- ◆ One by one
- ◆ Zone Label
- ◆ Partitions
- ◆ Type
- ◆ Zone Sound
- ◆ Force Arming

Zones: Parameters

Quick Keys	Parameter
------------	-----------

2 2 1	One By One
-------	-------------------

The one by one option enables to program the full complement of parameters for each zone on a one-by-one basis

1. Specify a two-digit zone number from which you want to start programming (for example, 01) and press  again to access the category zone Label
2. Assign a label and press  to proceed to Zone partitions.
3. Use keys [1] to [3] to toggle the partition status between [Y] YES and [N] No. Press  to proceed to Zone Type.
4. To program Zone Type, as well as the other zone categories, select the following options (refer to the following pages for further instructions)

Zones: Parameters

Quick Keys

Parameter

- ❖ Zone Type: Select a type and press 
- ❖ Zone Sound: Select a sounding method and press 

IMPORTANT:

- ◆ When using the One by One method, the listing of each zone's parameters is sequential. Once Zone 1's parameters have been programmed, they are followed by Zone 2's, then Zone 3's, and so forth.
- ◆ To program one or more of the system's zones using the One by One method, changes made to any (or all) of the Zone parameters will NOT be recorded without going through the One by One list, ending with the Zone sound parameter of the last zone you want to program.

After making changes to the Zone Sound parameter, press . This produces a one-second tone and assures that change(s) you make to the zone programming are recorded when you exit the One by One programming mode.

Zone 33 (Wired zone)

Zone 33 is defined in the WisDom as a wired zone. Therefore, during the One By One option it has two additional parameters which follow the sound definitions and apply only for this wired zone:

- ◆ **Zone termination**
- ◆ **Zone loop response**

Zone Termination:

The Termination menu enables you to program the connection type used for the wired zone, zone 33. The actual (physical) termination for each zone must comply with that selected in the zone termination menu.

- ❖ **N/C:** (Normally Closed) Uses normally-closed contacts and no terminating End-of-Line Resistor.
- ❖ **EOL:** (End of Line) Uses normally-closed (NC) and/or normally-open (NO) contacts in a zone terminated by a supplied 2200Ω End-of-Line Resistor
- ❖ **DEOL:** (Double End of Line) Uses normally-closed (NC) contacts in a zone using at least two 2200Ω End-of-Line Resistors to distinguish between alarms and tamper conditions
- ❖ **N/O:** (Normally Open) Uses normally-open contacts and no terminating End-of-Line Resistor

NOTE:

See Wiring diagram in *Chapter 2, Wiring the hardwire Zone*, page 2-9.

Zone Loop Response:

The Loop Response menu enables you to set the different times for which a zone 33 violation must exist before the zone will trigger an alarm condition.

The following option are available:

- | | |
|----------------------------------|---------------|
| 1) Normal: 400 ms (milliseconds) | 7) 2 hours |
| 2) Long: 1 second | 8) 2.5 hours |
| 3) Fast: 10 ms (milliseconds) | 9) 3 hours |
| 4) 0.5 hours | 10) 3.5 hours |
| 5) 1 hour | 11) 4 hours |
| 6) 1.5 hours | |

Zones: Parameters

Quick Keys

Parameter

2 2 2

Zone Label

The Zone Label menu enables you to create and/or edit up to 15 characters to describe each of the system's zones.

Default: Zone 01, Zone 02, Zone 03, Zone 04 and so on for each zone

Range: Any characters

1. From the Parameters menu, press **[2]** to access the Labels menu options. The following display appears:

```
Zone label:
Zone:01    (01-33)
```

2. Press  to label Zone 01 (or enter another zone number). The following display appears:

```
Zone label: 01
Zone 01
```

Refer to page 4-13, for details about how to enter a label.

2 2 3

Zone Partition

Range: Partition 1-3

The Partitions menu contains parameters that enable you to program the partition assignment for each zone.

1. From the Parameters menu, press **[3]** to access the Partitions menu options. The following display appears:

```
Zone partition:
Zone:01    (01-33)
```

2. Specify a two-digit zone number and press . The following display appears:

```
P=123      Z=XX
Y..
```

NOTE:

The **XX** in the **Z=XX** designation refers the zone number.

In a multi-partitioned system, a zone can be assigned to more than one partition.

A system without partitions is regarded as having a single partition (meaning **Partition 1**).

Use keys **[1]** to **[3]** to toggle the partition status between **[Y] YES** or **[N] NO**.

Zones: Parameters

Quick Keys	Parameter
2 2 4	Zone Type
	<p>The Zone Type menu contains parameters that enable you to program the zone type for any zone. Setting the zone type is partly determined by the arming levels, as follows:</p> <ul style="list-style-type: none"> ◆ Disarm: The system reacts only to those zones defined as 24 HR, Fire, Panic, and Trouble. ◆ Arm: The system reacts to all zones. ◆ Stay: The system does not react to zones defined as internal (home). This setting allows freedom of movement in those zones. <p>There are 22 zone types in the system, as described in the following procedure.</p> <p>From the Zones menu, press [3] to access the Zone Type menu options. The following display appears:</p>

Zone type:
Zone: 01 (01-33)

Specify a two-digit zone number and press .

Access and configure the parameters in the Zone Type menu, as follows

Parameters: Zone Type

Quick Keys	Parameter
2 2 4 ZZ +  00	Not Used
	Disables a zone. All unused zones should be given this designation.
2 2 4 ZZ +  01	Exit/Entry 1
	Used for Exit/Entry doors. Zones in the Exit/Entry path, that when violated do not cause an intrusion alarm during the Exit/Entry Delay periods (refer to <i>Exit/Entry Delay 1</i> and <i>Exit/Entry Delay 2</i> , page 4-3). A zone must be secured during arming and when the delay expires. Use this zone to trigger the entry delay.
2 2 4 ZZ +  02	Exit/Entry 2
	Same as above, except that the Exit/Entry 2 time period applies.

Zones: Parameters

Quick Keys	Parameter
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">ZZ</div> + </div> <div style="margin-top: 5px;"> 03 </div>	<p>Exit (OP)/Entry Default for zone 1</p> <hr/> <p>Used for an exit/entry door, open during the armed period.</p> <p>This zone behaves as described in the Exit/Entry 1 parameter, shown above, except that, if faulted when the system is being armed, it does NOT prevent arming.</p> <p>To avoid an intrusion alarm, it must be secured before the expiration of the Exit Delay period.</p>
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">ZZ</div> + </div> <div style="margin-top: 5px;"> 04 </div>	<p>Entry Follower Default for zone 2</p> <hr/> <p>Usually assigned to motion detectors and to interior doors protecting the area between the entry door and the WisDom.</p> <p>This zone(s) causes an immediate intrusion alarm when violated unless an Exit/Entry zone was violated first. In this case, Entry Follower zone(s) will remain bypassed until the end of the Entry Delay period.</p>
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">ZZ</div> + </div> <div style="margin-top: 5px;"> 05 </div>	<p>Instant Default for all zones except 1 and 2</p> <hr/> <p>Usually intended for non-exit/entry doors, window protection, shock detection, and motion detectors.</p> <p>Causes an immediate intrusion alarm if violated after the system is armed or during the Exit Delay time period.</p> <p>When Auto Arm and Pre-Warning are defined, the instant zone will be armed at the end of the Pre-Warning time period.</p>
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">ZZ</div> + </div> <div style="margin-top: 5px;"> 06 </div>	<p>I+ Exit/Entry 1 (Interior +Exit/Entry 1)</p> <hr/> <p>Used for Exit/Entry doors, as follows:</p> <ul style="list-style-type: none"> ◆ If the system is armed in the AWAY (ARM) mode, the zone(s) provide a delay (specified by Exit/Entry 1) allowing entry into and exit from an armed premises. ◆ If the system is armed in the STAY mode, the zone is bypassed. <p>IMPORTANT:</p> <p>For greater security when arming in the STAY mode, it is possible to eliminate the Entry Delay period associated with any zone(s), classified as <i>Exit/Entry Delay 1</i> by pressing the key twice, one after another. In effect, this makes it an INSTANT zone during the STAY mode of operation.</p>
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">ZZ</div> + </div> <div style="margin-top: 5px;"> 07 </div>	<p>I+Exit/Entry 2 (Interior+Exit/Entry 2)</p> <hr/> <p>Same as the I+Exit/Entry 1 parameter, described above, but the Exit/Entry 2 time period is applicable.</p>

Zones: Parameters

Quick Keys

Parameter

2 2 4 ZZ +
08

I+Exit(OP)/Entry (Interior+Exit(OP)/Entry)

Used for an exit/entry door that, for convenience, may be kept open when the system is being armed, as follows:

- ◆ In AWAY (ARMED) mode, refer to the explanation in *Zone Type 03*, page 4-22.
- ◆ In STAY (ARMED) mode, the zone will be bypassed.

2 2 4 ZZ +
09

I+Entry Follow (Interior+Entry Follower)

Generally used for motion detectors and/or interior doors (for example, foyer), which would have to be violated after entry in order to disarm the system, as follows:

- ◆ In AWAY (ARM) mode, refer to the explanation in *Zone Type 04*, page 4-22.
- ◆ In STAY (ARM) mode, the zone will be bypassed.

2 2 4 ZZ +
10

I+Instant (Interior+Instant)

Usually intended for non-exit/entry doors, window protection, shock detection and motion detectors.

- ◆ In AWAY (ARM) mode, a violation of this zone after the system is armed or during the Exit Delay time period causes an immediate intrusion alarm.
- ◆ In STAY (ARM) mode, the zone is bypassed.

2 2 4 ZZ +
11

UO Trigger

For a device or zone, which if violated at any time triggers a previously programmed Utility Output, capable of activating an external indicator, relay, appliance, and so on.

2 2 4 ZZ +
12

Day Zone

Usually assigned to an infrequently used door, such as an emergency door or a movable skylight. Used to alert the system user if a violation occurs during the disarmed period (trouble by day; burglary at night), as follows:

- ◆ With the system armed (either AWAY or STAY), the zone acts as an instant zone. A violation of this zone after the system is armed or during the Exit Delay time period causes an immediate intrusion alarm.
- ◆ With the system disarmed, a violation of this zone attempts to alert the user by causing the TROUBLE LED to flash rapidly. This directs the user to view the system's TROUBLE indications.
- ◆ Optionally, such a violation can be reported to the Central Station as a Zone Trouble. (Refer to *Report Codes: Miscellaneous*, page 4-69)

Zones: Parameters

Quick Keys

Parameter

2 2 4 ZZ +
13

24 Hours

Usually assigned to protect non-movable glass, fixed skylights, and cabinets (possibly) for shock detection systems.

A violation of such a zone causes an instant intrusion alarm, regardless of the system's state.

2 2 4 ZZ +
14

Fire

For smoke or other types of fire detectors. This option can also be used for manually triggered panic buttons or pull stations (if permitted), as follows:

If violated, it causes an immediate fire alarm, and the Arm LED is lit.

A fault in the wiring to any fire zone causes a Fire Trouble signal (a rapid flashing of the trouble LED).

NOTE:

Zone 33 cannot be defined as a Fire zone

2 2 4 ZZ +
15

Panic

Used for external panic buttons and wireless panic transmitters.

If violated, an immediate panic alarm is sounded (if the zone sound is not defined as silent), regardless of the system's state. An alarm display will not appear on the keypads.

2 2 4 ZZ +
16

Special

For external auxiliary emergency alert buttons and wireless auxiliary emergency transmitters.

If violated, an immediate auxiliary emergency alarm is sounded, regardless of the system's state.

2 2 4 ZZ +
17

Pulse Keyswitch

Used to arm/disarm the system.

Connect an external momentary action keyswitch to any zone terminals given this designation.

Zones: Parameters

Quick Keys

Parameter

2 2 4 ZZ +
⬆️ 18

Exit Termination

This type of zone is used to avoid a false alarm by acting like an Exit (OP)/Entry zone (see *Exit (OP)/Entry*, see page 4-22).

When triggered (after arming the system and closing the door **or** opening the door, arming the system, and closing the door), the system's Exit Delay time period will be shortened to 3 seconds.

When you re-open the door, the entry time restarts.

2 2 4 ZZ +
⬆️ 19

Latch Keyswitch

Connect an external SPST latched (non-momentary) keyswitch to zone 33 or to any other wireless device as follows:

- ◆ After arming one or more partitions using the keyswitch and then disarming using the keypad, the related partitions will be disarmed. In order to arm the partition using the keyswitch again, turn the key to the disarm position and then to the arm position.
- ◆ If a keyswitch latch is assigned to more than one partition and one of the partitions is armed by using the keypad (the keyswitch stays in the disarm position), then:
 - ❖ When changing the position of the keyswitch to the arm position, all the disarmed partitions, which belong to this keyswitch, will be armed.
 - ❖ When turning the keyswitch to the disarm position, all the partitions will be disarmed.

2 2 4 ZZ +
⬆️ 20

Entry Follower + Stay

Assigned to motion detectors and to interior doors protecting the area between the entry door and the keypad, as follows:

- ◆ In STAY (ARM) mode, a zone(s) given this designation behaves like an Exit/Entry zone and is subject to the Entry and Exit Delay time periods specified under *Exit/Entry Delay 1*. (Refer to *Exit/Entry Delay 1*, page 4-3.)
- ◆ In AWAY (ARM) mode, a zone(s) given this designation behaves like an Entry Follower Zone and causes an immediate intrusion alarm when violated unless an Exit/Entry zone was violated first.
- ◆ If so, an Entry Follower + Stay zone(s) remains bypassed until the end of the Entry Delay period.

2 2 4 ZZ +
⬆️ 21

Keyswitch Delay

Used to apply the **Exit/Entry Delay 1** parameter to the momentary keyswitch operation.

Zones: Parameters

Quick Keys

Parameter

2 2 4 ZZ +
 22

Latch KSW Delay

Used to apply the **Exit/Entry Delay 1** parameter to the latched keyswitch operation.

2 2 5

Zone Sound

The Zone Sound menu contains parameters that enable you to program the sound produced when a system zone triggers an alarm. Reports to the Central Station are not affected by any of the options in this menu

1. From the Parameters menu, press **[5]** to access the Zone Sound menu options. The following display appears:

Zone sound:
 Zone: 01 (01-33)

2. Specify a two-digit zone number and press .
3. Access and configure the parameters in the Zone Sound menu, as follows

2 2 5 ZZ +
 1

Silent

Produces no sound.

2 2 5 ZZ +
 2

Bell Only

Activates the bell sounders for the duration of the Bell Timeout period, or until a User Code is entered, followed by use of the  key.

2 2 5 ZZ +
 3

Buzzer Only

Activates each keypad's internal piezo buzzer.

2 2 5 ZZ +
 4

Bell + Buzzer

Default for all zones

Activates the bell sounders and the keypads' buzzers simultaneously.

2 2 5 ZZ +
 5

Door Chime

The **Door Chime** parameter is used as an audible sounder to indicate the violation of a zone(s), as follows:

- ◆ If the system is DISARMED, the system's keypad buzzers make three momentary sounds whenever the zone is violated.
- ◆ If the system is ARMED, only the bell sounders will produce the alarm.

Zones: Parameters

Quick Keys

2 2 5 ZZ +
6

Parameter

(BELL/A BUZZER/D)
(Bell /Alarm Buzzer/Disarm)

In a case of alarm, the following occurs:

- ◆ In DISARM mode, only the buzzer will operate.
- ◆ In ARM mode, only the bell will operate.

2 2 6

Force Arm

This option enables or disables the use of forced arming for each of the system's zones, as follows:

- ◆ If forced arming is enabled for a particular zone, it allows the system to be armed even though this zone is faulted.
- ◆ When a zone(s) enabled for forced arming is faulted, the keypad's READY LED blinks during the disarm period.
- ◆ After arming, all zones enabled for forced arming are bypassed at the end of the Exit Delay time period.
- ◆ If a faulted zone (one enabled for force arming) is secured during the armed period, it will no longer be bypassed and will be included among the system's armed zones.

To force arm a zone:

1. Press [6] and then press # . The following display appears:

```
Forced ARM:
Zone: 01    (01-33)
```

2. Enter the number of the zone for forced arming and press # .
3. Use the ← or → keys to select **ENABLE** or **DISABLE** and press # .
4. Repeat steps 1 to 3 to change the forced arm status of any additional zone.
5. Press the * key to exit.

NOTE:

Report Codes for forced arming and zones bypassed in the process can be sent to the Central Station (refer to page 4-72).

2 3 **Zones: Testing**

The Testing menu enables you to test the zones.

➤ **To access the Testing menu:**

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press [3] to access the Testing menu options. The following display appears

```
Zone testing:
01)WL.comm.test ↓
```

2 3 1

Wireless Communication Test

Performs a communication test between the transmitters and the WisDom's receiver.

1. Press [1]. The following display appears:

```
Zone comm.test:
01)Zone 01 :00 ↓
```

2. In order to proceed, initiate a transmission from the selected zone.

A number between 00-99 indicates the strength of the signal between the transmitter and the WisDom. A successful test will be followed by a confirmation beep.

NOTE:

For more successful communication the strength of the signal should be higher than the receiver's noise threshold level (see page 4-11)

3. Use the  or  keys to select the zone number for the next wireless transmitter.
4. Press the  key to return to the higher programming level.

2 3 2

Soak Test

The Soak Test feature is designed to allow false alarming for predefined detectors to be bypassed from the system, while any alarms generated are displayed to the user for reporting to the Alarm company. This is especially useful if Police response withdrawal is being threatened and a particular zone is causing unidentified problems.

Up to 8 zones can be placed on Soak Test. Any zone placed in the Soak Test list is bypassed from the system for 14 days and is automatically reinstated after that time if NO alarms have been generated by it.

If a zone in the Soak Test list has an alarm during the 14-day period, the keypad indicates to the user that the test has failed. After the user looks at the View Trouble option (described in the *WisDom User's Manual*), the trouble message will be erased. This will be indicated in the event log, but no alarm will be generated. The alarmed zone's 14-day Soak Test period is then reset and restarted.

- From the Installer Programming menu, press quick keys **[2] [3] [2]**. The following display appears:

```

Zones for test:
01)None      ↓

```

- To put a zone on Soak Test, press **#↑**. The following display appears:

```

LOCATION 01:
ZONE: 00    (00-33)

```

- Press the keys as per the zone number (e.g. **01** for zone 1) and then press **#↑**. The menu moves to the next zone.
- To add a second zone for Soak Test, press **#↑** and repeat the procedure above,
-OR-
 Press the ***** key to return to the previous menu.

2 4 Zones: Editing

The Editing menu provides some useful tools for system maintenance.

➤ **To access the Editing menu:**

- Access the Zones menu, as described on page 4-17.
- From the Zones menu, press **[4]** to access the Editing menu options. The following display appears

```

Zone editing:
1) Copy zone  ↓

```

Zones: Editing

Quick Keys	Parameter
------------	-----------

2	4	1
---	---	---

Copy to a Zone

Copies all the parameters belonging to a specified zone (except the Label parameter).

- Press **[1]**. The following display appears:

```

Copy zone:
From: 01  To: 01

```

- Use the  or  keys or the **[1 to 9]** keys to select the zone from which a copy is to be made and the zone to which it is being copied.
 Using this function provides no confirmation before advancing to another Copy Zone opportunity.
- Press the ***** key to exit. The process is executed as the display is changed.

Zones: Editing

Quick Keys

Parameter

2 4 2

Delete a Zone

Deactivates a designated zone by setting its Zone Type to *Not Used*, while maintaining all the previously programmed parameters.

1. Press **[2]**.
2. Use the  or  keys or the **[1 to 9]** keys to select the zone that is to be deleted. This process can also be used to temporarily disable a zone from the protection scheme.
3. Confirm your choice by selecting either **[Y] YES** or **[N] NO** and pressing .
4. Press the  key to exit. The process is executed as the display is changed.

2 4 3

Add/Copy Partition

Assigns, to a designated partition, all the zones (and their respective parameters) belonging to a specified partition, while keeping the original partition intact.

For example, copying Partition 1 to Partition 2 simply duplicates all Partition 1's zones in Partition 2.

1. Press **[3]**.
2. Use the cursor keys to select the source and destination partitions.
Using this function provides no confirmation before advancing to another Add/Copy Partition opportunity.
3. Press the  key to exit. The process is executed as soon as the display is changed.

2 4 4

Delete a Partition

Deletes a designated partition. Selecting this option removes all zones assigned to it, effectively removing the partition from the system.

1. Press **[4]**.
2. Use the cursor keys to select the partition that you want to delete.
3. Confirm your choice by selecting either **[Y] YES** or **[N] NO** and pressing .
4. Press the  key to exit.

2 5 Zones: Cross Zone

Default: No cross zoning

The Cross Zone menu is used for additional protection from false alarms and contains parameters that enable you to link together two related zones. Both must be violated within a designated time period (between 1 and 9 minutes) before an alarm occurs.

This type of linking is used with motion detectors in *hostile* or *false-alarm prone* environments.



NOTE:

The WisDom allows 10 unique sets of zone links (pairs of zones), which can be manually specified, as required.

➤ To access the Cross Zone menu:

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press [5] to access the Cross Zone menu options. The first zone link appears:

Zone crossing:
01) 01 with 01

3. Press  to modify the first set (01) of zone links.

Crossing set 01:
1st=01 01 2nd=01

4. Select the zone pairs manually, as required, by making changes to the number of the first zone in the set, followed by the number of the second zone. If necessary, use the  or  keys to position the cursor.



NOTES:

Zones crossed with themselves are valid pairs. They need to register a violation twice to trigger the alarm. This process is known as Double Knock.

You may want to establish a number of zone links, but leave them deactivated at this time (see below).

5. Press  to determine how the WisDom will process violations of the paired zones.
6. Access and configure the paired parameters in the Cross Zone menu, as follows:

Zones: Crossing

Quick Keys	Parameter	Default
2 5 1	None	✓
	Temporarily disables any associated zone pairings.	
2 5 2	Ordered	
	Effects an alarm so the first listed zone is tripped before the second.	
2 5 3	Not Ordered	
	Affects an alarm in which either zone in the pair may be tripped first. If this case, the specified zone order (1st, 2nd) has no bearing on the alarm activation.	

- After choosing one of the above, press **#▲** to define the maximum time-lapse interval between 1 and 9. The **Time Slot** parameter appears:

Slot:	01,01:
Time=	1 Minutes

- Enter the time slot, meaning the maximum amount of time allowed between the triggering events for them to be considered a valid violation (**XX,YY** indicate the crossed zones).
 - ❖ **Default:** 1 min
 - ❖ **Range:** 1 to 9 minutes
- Repeat the entire process, as required, for any additional zone links (up to 10).

2 6 **Zones: Alarm Confirmation**

The Zone Alarm Confirmation menu enables to define protection against false alarm and will be used for alarm verification.

➤ **To access the Alarm Confirmation menu:**

- Access the Zones menu, as described on page 4-17.
- From the Zones menu, press **[6]** to access the Alarm Confirmation menu options. The first option appears:

Alarm Confirm:
1) Partition ↓

- Access and configure the partitions and zones to be used in the alarm confirmation process , as follows:

Zones: Alarm Confirmation

Quick Keys	Parameter	Default
2 6 1	Confirm Partition	No
	Defines which partitions will be defined for alarm sequential confirmation. Each confirmed partition has a separate timer, which is equivalent to the confirmation time defined in “Confirm Time Window” (see page 4-4). A confirmed intruder alarm will be reported if two separate alarm conditions are detected in the same confirmed partition, during the confirmation time. YES: The partition is defined for alarm confirmation. NO: The partition is not defined for alarm confirmation	
2 6 2	Confirm Zones	No
	Define which zones will be defined for alarm sequential confirmation. When the first zone goes into alarm the WisDom transmits the first zone alarm. When the second zone goes into alarm, during the confirmation time, the panel transmits the zone alarm and the Police code. YES: The zone is defined for alarm confirmation. NO: The zone is not defined for alarm confirmation	

Zones: Alarm Confirmation

Quick Keys	Parameter	Default
------------	-----------	---------

NOTES:

1. A confirmed zone will be part of the sequential confirmation only if the partition in which the alarm occurs is defined as confirmed partition as well.
2. Any Code can reset a confirmed alarm.
3. If the first zone is violated and not restored until the end of the confirmation time (no second zone alarm), than this zone will be excluded from the confirmation process until the next arming.

3 Outputs

The Outputs menu provides access to submenus and their related programming parameters that enable you to choose the event that will trigger a selected Utility Output, as well as the manner in which the output will be applied.

In addition you can assign the outputs that will be activated by the user using the quick function key operation.

After you access the Utility Output menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

3 1 **Define**, page 4-34

3 2 **Output A**, page 4-41

3 3 **Output B**, page 4-41

➤ To access the Outputs menu:

From the main Installer Programming menu, press **[3]**, or press the  or  keys until you find the number **[3] Utility Output** option and then press . The first submenu appears:

```
Outputs:
1)Define
```

You are now in the Outputs menu and can access the required submenus, as described in the following sections.

3 1 **Outputs: Define**

The Outputs Define menu provides access to submenus and their related programming parameters that enable you to choose the event that will trigger a selected Utility Output.

➤ To access the Define menu:

1. Access the Outputs menu.
2. From the outputs menu press **[1]** to access the Define menu of outputs operation.
3. Enter a two-digit number for the Utility Output that you want to program, using a leading zero

for numbers between 1 and 9 (for example, **01**, **02**, and so on) and then press . The following display appears:

```
UO:1 Follows:
0)Nothing
```

4. You can now program the selected Utility Output. Use the information shown below.

After you define the events that the output will follow press  and proceed with the displayed menus to define partitions (only for output that follows a partition) and pattern of operation, page 4-39)

Outputs: Define

Quick Keys	Parameter
3 1 UO 0	Follow Nothing The Nothing option enables you to disable the selected utility output
3 1 UO 1	Follow System The System menu contains Utility Output parameters that follow the System Event
3 1 UO 1 01	Bell Follow Activates when a bell is triggered. If a bell delay was defined, the Utility Output will be activated after the delay period. (Refer to <i>Bell Delay</i> , page 4-3.)
3 1 UO 1 02	No Telephone Line Activates when a telephone line fault is detected. If a Phone Line Cut Delay time period is defined, the Utility Output will be activated after the delay time. (Refer to <i>Phone Line Cut Delay Time</i> , page 4-3.) Deactivates after the telephone line fault has been corrected.
3 1 UO 1 03	Communication Failure Activates when communication with the Central Station cannot be established. Deactivates after a successful call is established with the Central Station.
3 1 UO 1 04	Trouble Follow Activates when a system trouble condition is detected. Deactivates after the trouble has been corrected.
3 1 UO 1 05	Low Battery Follow Activates when the WisDom battery has insufficient reserve capacity and the voltage decreases to 7V.
3 1 UO 1 06	AC Loss Follow Activates when the source of the Main Panel's AC power is interrupted. This activation will follow the delay time defined in the system control times and the AC Off Delay Time parameter (refer to page 4-3).
3 1 UO 1 07	Bell Burglary Activates the Utility Output after any bell burglary alarm in any partition in the system.
3 1 UO 1 08	Scheduler The Utility Output will follow the predefined time programming that is defined in the scheduler of the weekly programs for Utility Output activation. For additional details, refer to the <i>WisDom User's Manual</i> .
3 1 UO 1 09	Chime Follow Activates the Utility Output following a chime sound.

Outputs: Define

Quick Keys	Parameter
3 1 UO 2	Follow Partition The Partition menu contains Utility Output parameters that follow the Partition Event. The Utility Output can follow any partition(s) combination
3 1 UO 2 01	Ready Follow Activates the Utility Output when all the selected partition(s) are in the READY state.
3 1 UO 2 02	Alarm Follow Activates the Utility Output when an alarm occurs in the selected partition(s).
3 1 UO 2 03	Arm Follow Activates the Utility Output when the selected partition(s) is armed in either the AWAY or STAY mode. The Utility Output will be activated immediately, regardless of the Exit Delay time period.
3 1 UO 2 04	Burglary Follow Activates the Utility Output when a BURGLARY (intrusion) alarm occurs in the selected partition(s).
3 1 UO 2 05	Fire Follow Activates the Utility Output when a FIRE alarm is triggered in the selected partition(s) or when alarm keys  (FIRE) are pressed simultaneously.
3 1 UO 2 06	Panic Follow Activates the Utility Output when a PANIC alarm is triggered in the selected partition(s) or when alarm keys  (PANIC) are pressed simultaneously.
3 1 UO 2 07	Special Emergency Follow Activates the Utility Output when an AUXILIARY EMERGENCY alarm is triggered in the selected partition(s) or when alarm keys  are pressed simultaneously.
3 1 UO 2 08	Duress Follow Activates the Utility Output when a DURESS alarm is initiated at the keypad related to the selected partition(s). To deactivate this Utility Output in a latch pattern, refer to the User menu option Duress Reset ([2][6]) (described in the <i>WisDom User's Manual</i>).
3 1 UO 2 09	Buzzer Follow Activates the Utility Output when a keypad in the selected partition(s) sounds its BUZZER during alarm condition.
3 1 UO 2 10	Exit/Entry Follow Activates the Utility Output when the selected partition(s) initiates an Exit/Entry Delay period.

Outputs: Define

Quick Keys

Parameter

3	1	UO	2	11	Fire Trouble Follow
Activates the Utility Output when a FIRE TROUBLE is detected in the selected partition(s).					
3	1	UO	2	12	Day (Zone) Trouble
Activates the Utility Output when a DAY ZONE TROUBLE is detected in the selected partition(s).					
3	1	UO	2	13	General Trouble Follow
Activates the Utility Output when a TROUBLE condition is detected in the selected partition.					
3	1	UO	2	14	Stay Follow
Activates the Utility Output when the selected partition(s) is armed in STAY mode.					
3	1	UO	2	15	Tamper Follow
Activates the Utility Output when a Tamper occurs in the selected partition(s) and follows any type of tamper.					
3	1	UO	2	16	Disarm Follow
Activates the Utility Output when the selected partition(s) is disarmed.					
3	1	UO	2	17	Bell Follow
Activates the Utility Output when one of the defined partitions is in ALARM mode and the bell is triggered. This enables the connection of different sirens to different partitions.					
3	1	UO	2	18	Bell Stay Off
This parameter causes the Utility Output to function as follows:					
◆ In AWAY ARMING mode, the Utility Output will follow the bell activation in the defined partitions.					
◆ In STAY ARMING mode, the Utility Output will not be activated.					
NOTE:					
If an alarm occurs in a zone that shares more than one partition and one of the partitions is in ARM mode (while the other is in STAY mode), the Utility Output will be activated, as described above.					
In STAY mode, a 24-hour zone will not activate this Utility Output					
3	1	UO	2	19	Zone Bypass
Activates the Utility Output when the relevant partitions are in ARM or STAY mode and any zone in the relevant partitions is bypassed.					
3	1	UO	2	20	Auto Arm Alarm
Activates the utility output when there is a not ready zone at the end of the pre-warning time during an auto-arm process and the IMQ bit is defined as YES (see page 4-9). The output restore shall be on Bell-Timeout or at user Disarm.					

Outputs: Define

Quick Keys

Parameter

3	1	UO	2	21	Zone Loss Alarm
Activates the utility output when there is a lost wireless zone in the system and the IMQ bit is defined as YES (see page 4-9). The output restore shall be on Bell-Timeout or at user Disarm.					
3	1	UO	3		Follow Zone
The Zone menu contains Utility Output parameters that follow the Zone Event. Each Utility Output can be activated by a group of up to five zones					
3	1	UO	3	1	Zone Follow
Activates the Utility Output when the selected zone is tripped. The tripped zone need not be armed to trigger the Utility Output.					
3	1	UO	3	2	Alarm Follow
Activates the Utility Output when the selected zone causes an alarm.					
3	1	UO	3	3	Arm Follow
Activates the Utility Output when the selected zone is armed by the system.					
3	1	UO	3	4	Disarm Follow
Activates the Utility Output when the selected zones are disarmed.					
3	1	UO	4		Follow User Code
Defines the User Code(s) for triggering the selected UO. The activation of the UO is performed from the user Functions menu Activities/Operate Output, quick key [2][1]. Remember that in order to activate the output by a code, this code should be defined as UO authority level, in Code Menu parameters.					
Use the  or  keys to select from any of the 32 available User Codes.					
Use the  key to toggle between [Y] YES or [N] NO for each user chosen to trip the designated Utility Output					

NOTE:

The Utility Output will be activated by entering a User Code, **only** if the **Quick UO** parameter under System Control is defined as **Disabled**. When the **Quick UO** is defined as **Enabled**, no User Code is required.

Output Pattern of operation

For each output you need to define the pattern of operation. Use the following table to select your option:

Utility Output: Pattern of Operation

Quick Keys	Parameter	Default	Range
1	Pulse N/C	05 seconds	01-90 seconds
	<p>The Utility Output is always Activated (N/C) before it is triggered (pulled down to negative). When triggered, it deactivates for the Pulse Duration specified below and then reactivates automatically.</p> <ol style="list-style-type: none"> 1. Press [1] and then press . 2. Choose the desired Pulse Duration, between 01-90 seconds. 3. Press  and set the activation by choosing ALL or ANY. (Only for utility output that follows Zone or Partition event) 4. Press  and select a label for the UO. 		
2	Latch N/C		
	<p>The Utility Output is always Activated (N/C) before it is triggered (pulled down to negative).</p> <p>When triggered, it deactivates and remains deactivated (latched) until the operation is restored.</p> <ol style="list-style-type: none"> 1. Press [2] and then press . 2. Press  to set the activation by choosing ALL or ANY. (Only for utility output that follows Zone or Partition event) 3. Press  and set the deactivation by choosing ALL or ANY. (Only for utility output that follows Zone or Partition event) 4. Press  and choose a label. 		

Utility Output: Pattern of Operation

Quick Keys	Parameter	Default	Range
3	Pulse N/O	05 seconds	01-90 seconds

The Utility Output is always Deactivated (N/O) before it is triggered (pulled up). When triggered, it activates (pulled down) for the Pulse Duration specified below, then deactivates automatically.

1. Press **[3]** and then press .
2. Choose the desired Pulse Duration, between 01-90 seconds
3. Press  and set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event).
4. Press  and select a label for the UO.

4	Latch N/O		
----------	------------------	--	--

The Utility Output is always Deactivated (N/O) before it is triggered (pulled up). When triggered, it activates (pulled down) and remains activated (latched) until the operation is restored.

1. Press **[4]** and then press .
2. Press  to set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
3. Press  and set the deactivation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
4. Press  and choose a label.

Activation/Deactivation

When the Utility Output is following more than one Partition or Zone, the Installer can choose the logic of the Utility Output activation or deactivation, as follows:

- ◆ If the Pattern of Operation is defined as **Latch N/O** or **Latch N/C**, the Installer can choose the **activation and deactivation** logic of the UO to follow either after **all** the Partitions/Zones or after **any** of the Partitions/Zones.
- ◆ If the Pattern of Operation is defined as **Pulse N/O** or **Pulse N/C**, the Installer can choose **only** the **activation** logic of the Utility Output to follow either after **all** the Partitions/Zones or after **any** of the Partitions/Zones. The deactivation operation follows the defined time period.

Output Label

The final step of defining an output is defining a label. You can create and/or edit a 10-character label description for each Utility Output. Refer to *Entering a New Label Using the LCD Keypad*, page 4-13, for additional details

3 2 **Outputs: Output A**

The Outputs: Output A menu defines which output will be activated, by the user, when using the key functions key  [4] from the WisDom keys.

➤ **To access the Output A menu:**

1. Access the Outputs menu.
2. From the outputs menu press [2] to access the Output A menu.
3. Enter a two-digit number of the Utility Output that you want to be assigned as output A and press .

3 3 **Outputs: Output B**

The Outputs: Output B menu defines which output will be activated, by the user, when using the key functions key  [6] from the WisDom keys.

➤ **To access the Output B menu:**

1. Access the Outputs menu.
2. From the outputs menu press [3] to access the Output B menu.
3. Enter a two-digit number of the Utility Output that you want to be assigned as output B and press .

4 Codes

The Codes menu provides access to submenus and their related parameters that enable you to maintain the User Codes in the system.

In addition, the WisDom contains the following special codes:

- ◆ **Grand Master Code:** Used by the system's owner.
- ◆ **Installer Code:** Used by the WisDom installation company technician to program the system. The default Installer Code is : **[0][1][3][3]**
- ◆ **Sub-Installer Code:** Used by a technician sent by the WisDom installation company to carry out restricted tasks defined at the time of system installation by the installation technician. The Sub-Installer can access with his code only those programming menus predefined for his access.

This section describes how to perform the following:

- ◆ Determine the Authority Level of each User Code
- ◆ Assign partition(s) to a specific code
- ◆ Change the Grand Master, Installer, and Sub-Installer Codes
- ◆ Upgrade the security level to a 6-digit code

After you access the Codes menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

4 1 **Authority**, page 4-43

4 2 **Partition**, page 4-44

4 3 **Grand Master**, page 4-45

4 4 **Installer**, page 4-45

4 5 **Sub-Installer**, page 4-46

4 6 **Code Length**, page 4-47

➤ To access the Codes menu:

- ◆ From the main Installer Programming menu, press **[4]**, or press the  or  keys until you find the number **[4] Codes** option and then press . The first submenu (Authority) appears:

```
Codes :
1) Authority
```

You are now in the Codes menu and can access the required submenus, as described in the following sections.

4 1 Codes: Authority

Default: User

The Authority menu enables you assign the Authority Level of each User Code. There are seven Authority Levels to match the needs of various users, as described in *Authority Levels*, below.

➤ To access the Authority menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[1]** to access the Authority menu. The following display appears:

```
Select user:
01)User 01
```

3. Use the  or  keys to choose a user and press  or press the 2 digits of the user (from 01 to 31) .
4. Use the  key to toggle between the Authority Levels.
5. Press  to confirm and move to the next code.
6. Press the  key to return to the previous level.

Authority Levels

The Authority menu contains options for the following Authority Levels:

- ◆ **Grand Master:** There can be only one Grand Master in the system, and the Grand Master can perform all the available user functions.
The Grand Master code is designated as Code **00**.



NOTE:

The Installer can define that the Grand Master has the ability to change the authority level and allowed partitions for users. Refer to *Grand Master Authority/Partition* (Quick Keys **[1] [2] [27]**), page 4-9.)

- ◆ **Manager:** There can be only one Manager Code in the system. The Manager Code is designated only as Code **01**. The Manager can change all User Codes except that of the Grand Master. The Manager has access to all of the function listed above, apart from the following:
 - ❖ Changing the Grand Master Code
 - ❖ Performing Walk Testing
- ◆ **Master:** There are no restrictions in the number of Master Codes (as long as they do not exceed the number of codes remaining in the system). The Master has access to all the Manager's privileges, with the following restrictions:
 - ❖ Restricted to assigning and changing User Codes belonging to those with Authority Levels of Master and below (User, Arm Only, and Maid)
 - ❖ Restricted access to designated partitions
- ◆ **User:** There are no restrictions in the number of User Codes (as long as they do not exceed the number of codes remaining in the system). The User has access to the following:
 - ❖ Arming and disarming
 - ❖ Bypassing zones
 - ❖ Accessing designated partitions
 - ❖ Viewing system status, trouble, and alarm memory
 - ❖ Activating designated Utility Outputs

- ❖ Changing his/her own User Code
- ❖ Controlling uploading/downloading activities
- ❖ Administering selected system tests, except Walk Testing
- ◆ **Arm Only:** There are no restrictions in the number of Arm Only Codes (as long as they don't exceed the number of codes remaining in the system). Arm Only Codes are useful for workers who arrive when the premises are already open, but because they are last to leave, they're given the responsibility to close the premises and arm the system. The users with Arm Only Codes have access for arming one or more partitions.
- ◆ **Maid:** The Maid Code is a temporary code, which is to be immediately deleted from the system as soon as it is used to arm. This code is typically used for maids, home attendants, and repairmen who must enter the premises before the owner(s) arrive. These codes are used as follows:
 - ❖ For one-time arming in one or more partitions
 - ❖ If first used to disarm the system, the Maid Code may be used once for subsequent arming
- ◆ **UO Only:** Typically used to enable the operation of a device controlled by a Utility Output (meaning a door and so on). These codes are used only to operate a Utility Output.
- ◆ **User Unbypass:** This user has access to all the User's privileges apart from bypassing zones.

4 2 Codes: Partition

Default: Partition 1

The Partition menu enables you to assign the partition(s) in which all User Codes (except for the Grand Master) will operate.

➤ To access the Partition menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[2]** to access the Partition menu.
3. Enter the appropriate two-digit User Code and press . The following display appears:

P=123	C=01
Y . .	

4. Use the  or  keys to position the cursor under the digit the represents the partition you want to assign the code to.
5. Designate the partition(s) for which the designated user can have access by using the **[1 to 3]** keys.

NOTE:

The "non-partitioned" system is assumed to be using Partition 1.

6. Press  to access another User Code.
7. Repeat steps 2 to 6, as required, until all User Codes used in the system are assigned to the appropriate partition(s).
8. When you have completed the process, press the  key to return to the previous level.

4 3 Codes: Grand Master

Default: 1234

The Grand Master menu enables the owner to set the Grand Master Code.



NOTE:

The Grand Master code can also be changed in the User menu (by the Grand Master).

The Grand Master is the highest Authority Level. Refer to *Authority Levels*, page 4-43, for additional details about other authority levels.

➤ To access the Grand Master menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[3]** to access the Grand Master menu. The following display appears:

Grand Master

3. Enter a Grand Master Code using the keypad's **[0 to 9]** keys and then press .
4. Press the  key to return to the previous level.



NOTE:

The Grand Master, the Installer and the Sub-Installer can enter and change other level codes, but they cannot see the code. The message [****] is displayed instead of the code.

4 4 Codes: Installer

Default: 0133

The Installer Code provides access to the Installer Programming menu, allowing modification of all system parameters. The default Installer Code is:**[0][1][3][3]**

Rokonet recommends changing the factory default to a new code unique to the Main Panel and/or to the alarm company personnel, as described in the procedure below.

➤ To change the installer code:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[4]** to access the Installer Code menu. The following display appears:

Installer
Code: 0133

3. Enter the new code, using the keypad's **[0 to 9]** keys and press .
4. Confirm your selection by re-entering the same code and pressing .
5. Press the  key to return to the previous level.

4 5 **Codes: Sub-Installer**

Default: 0233

The Sub-Installer Code allows limited access to selected parameters from the Installer Programming menu. The default Sub-Installer Code is: **[0][2][3][3]**

We recommend changing the factory default to a code unique to the Main Panel and/or to those who may serve as sub-installers in your alarm company, as described in the following procedure. The limitations of the Sub Installer are as follows (The display of the LCD screen will be "Disabled" for each restricted option):

- ◆ System menu: He cannot define the Default Enable / Disable parameter.
- ◆ Code Maintenance menu: He cannot change the Installer code.
- ◆ Dialer Menu: He cannot change the MS telephone numbers, Account numbers, Communication format , Access and ID parameters, and Remote Split menus. In the Controls sub menu he cannot change the MS Enable and UD Enable parameters. In the Parameters sub menu he can define only the FM Retries , and windowing options.
- ◆ Report Codes : He cannot define any reported codes parameters.

➤ **To access the Sub-Installer code menu:**

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[5]** to access the Sub-Installer menu. The following display appears:

Sub-installer Code: 0233

3. Type in the new code using the keypad's **[0 to 9]** keys and press **#**.
4. Press the ***** key to return to the previous level.

Using the Sub-Installer's Code

This section describes how to enable a sub-installer to have limited access to the Installer Programming menu options.

➤ **To use the Sub-Installer's code:**

1. From the normal user's display, enter the **Partial Programming** option by pressing ***** **[9] [2]**.
2. Enter the Sub-Installer's Code and press **#**. The Sub-Installer now has limited access to Installer programming parameters.

4 6 Codes: Code Length

Default: 4 digits

The Code Length specifies the number of digits (either 4 or 6) for the Grand Master, Manager, and Master Codes. All the other codes (User, Arm Only and Maid) use from one digit up to a maximum of six digits.

➤ To access and program the Code Length menu parameters:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[6]** to access the Code Length menu. The following display appears:

```
Length:
1) 4 digits
```

3. Select your choice using the   keys and press  to confirm. When you make a change in the Code Length, the following display appears:

```
Code should be
deleted. Sure? N
```

4. Use the  key to change the default **[N]** and press .



NOTES:

When you change the **Code Length** parameter, all User Codes are deleted and must be re-programmed or downloaded.

For a 6-digit Code Length system, 4-digit default codes like **1-2-3-4** (Grand Master), **0-1-3-3** (Installer), and **0-2-3-3** (Sub-Installer) become **1-2-3-4-0-0**, **0-1-3-3-0-0**, and **0-2-3-3-0-0**, respectively.

If you change the **Code Length** back to 4 digits, the system codes are restored to the default 4-digit codes.

5 Dialer

The Dialer menu provides access to submenus and their related parameters that enable WisDom to establish communication with the Central Station and transmit data.

After you access the Dialer menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

- 5 1 **MS Telephone Numbers**, page 4-48
- 5 2 **MS Account Numbers**, page 4-50
- 5 3 **MS Communication Format**, page 4-50
- 5 4 **UD Telephone Number**, page 4-50
- 5 5 **UD Access and ID**, page 4-52
- 5 6 **Controls**, page 4-54
- 5 7 **Parameters**, page 4-57
- 5 8 **Report Split**, page 4-62
- 5 9 **Follow Me**, page 4-64

➤ To access the Dialer menu:

- ◆ From the main Installer Programming menu, press **[5]**, or press the  or  keys until you find the number **[5] Dialer** option and then press . The first submenu appears:

```
Dialer:
1) MS Tel. Num. ↓
```

You are now in the Dialer menu and can access the required submenus, as described in the following sections.

5 1 **Dialer: MS Telephone Numbers**

- ◆ The MS Telephone Numbers menu is used to store telephone numbers of the Monitoring (Central) Station(s) for the following :
- ◆ Send reports.
- ◆ The callback number used to call back the alarm company's computer when the Upload/Download callback function is in operation

➤ To access the Telephone Numbers menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[1]** to access the MS Telephone Numbers menu options. The following display appears:

```
Phone number:
1) MS No. 1 ↓
```

3. Access and configure the parameters in the MS Telephone Number menu, as follows:

Dialer: MS Telephone Numbers

Quick Keys	Parameter	Range
5 1 1	MS Tel No. 1	Up to 32 alphanumeric characters

The first Central Monitoring Station.

- Press **[1]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press  .
If required, you can include the following special functions in the phone number to achieve the effect listed in the table. (Press the  or  keys to toggle to the required character.)

Function	Sequence	Results
Stop dialing and wait for a new dial tone.	[*] [1]	A
Wait a fixed period before continuing.	[*] [2]	B
Switch from <i>Pulse</i> to <i>Tone</i> (or from <i>Tone</i> to <i>Pulse</i>).	[*] [3]	C
Enter hyphen	[*] [5]	-
Send the DTMF * character.	[*] [7]	*
Enter space	[*] [8]	
Send the DTMF # character.	[*] [9]	#
Delete numbers from the cursor position.	[*] [0]	Delete numbers

NOTE:

To delete a number, place the cursor in the first position and press [*] [0].

- When you have completed your entry, press  to store it.

NOTE:

When entering special letters, you must press and hold the  key and then press the required number at the same time without releasing the  key. To enter the next special letter, you must release the  key and then repeat the procedure for the next special letter

5 1 2	MS Tel No. 2	Up to 32 alphanumeric characters
-------	---------------------	----------------------------------

The second Central Monitoring Station.

- Press **[2]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press  .

5 1 3	MS Tel No. 3	Up to 32 alphanumeric characters
-------	---------------------	----------------------------------

The third Central Monitoring Station.

- Press **[3]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press  .

5 2 **Dialer: MS Account Numbers**

The Customer Account Numbers menu enables you to enter account numbers for each Central Station telephone number. These account numbers are the 6-digit Customer Account Numbers assigned by the Central Station.

To access the MS Account Numbers menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[2]** to access the MS Account Numbers menu. The following display appears:

```
Account number:
1) MS No. 1   ↓
```

3. Select the monitoring station telephone number (up to three available numbers) and press **#↑**. The following display appears:

```
ACCOUNT: PN=X
CODE: 001111
```

4. Define a different account number for each MS telephone number.
5. Use the  or  keys and the numeric **[0 to 9]** keys to enter an account number and then press **#↑**.

NOTES:

The WisDom accepts hexadecimal account numbers. Use the  key to enter the hexadecimal digits (A to F). To send an account number with less than 6 digits use the "0" digit, for example: For account number 1234 enter 001234. In this case the WisDom will not send the "0" digit to the central station. To send the "0" digit located at the left side of the number use the "A" digit instead of the "0" digit. For example, for account number 0407 enter A407, for 6 a digit account number 001207 enter AA1207.

5 3 **Dialer: MS Communication Format**

The Communication Format menu contains parameters that define the communication protocol format used by the digital receiver in the monitoring station for each account.

The corresponding format codes are listed in the right-hand column in the *Monitoring Station (MS) Communication Formats* table on page 4-51.

➤ **To access the MS Communication Format menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[3]** to access the MS Communication Format menu options. The following display appears:

```
COMM FORMAT:
1) MS NO.1
```

3. Select the monitoring station telephone number (up to three available numbers) and press **#↑**. The following display appears:

```
MS NO.1 FORMAT:
CODE: 0000
```

4. Use the **[0 to 9]** keys to assign the format code (for example, **0420** ADEMCO Contact ID format).

5. Press .
6. Press  again followed by the  key to return to the previous level.



NOTE:

For SIA and Contact ID formats, refer to *Dialer: Auto Codes*, page 4-66.

7. Access and configure the parameters in the Communication Format menu, as follows:

Dialer: MS Communication Format

Quick Keys	Parameter	Default
5 3 1	Format for MS Tel No. 1	0000
	Defines the protocol format for the first Central Station telephone number. <ol style="list-style-type: none"> 1. Type in the 4-digit Format Code that corresponds to the communication protocol for the Central Station Receiver connected to the first MS Telephone Number. 2. Toggle to access the [0 to 9] keys using the  or  keys. 3. Press . 	
5 3 2	Format for MS Tel No. 2	0000
	Defines the protocol format for the second Central Station telephone number. Same as the option described above, except for the receiver connected to the second MS Telephone Number.	
5 3 3	Format for MS Tel No. 3	0000
	Defines the protocol format for the third Central Station telephone number. Same as the option described above, except for the receiver connected to the third MS Telephone Number.	

Monitoring Station (MS) Communication Formats

Protocols	Communication Formats	Format Code
Most Common Protocols:		
ADEMCO Contact (Point) ID	DTMF, Parity	0420
SIA Level		0700
Simple Pulse Protocols:		
Silent Knight/ADEMCO Slow		010F
Silent Knight/ADEMCO Slow-Extended		014F
Radionics/DCI/Franklin Slow		0117
Silent Knight Fast		010E
Silent Knight Fast-Extended		014E
Sescoa/Franklin/Vertex/DCI Fast		0116
Sescoa/Franklin/Vertex/DCI-Extended		0156
Universal High Speed Non-Extended		0112

Protocols	Communication Formats	Format Code
Radionics Protocols:		
Radionics, 20 PPS	handshake at 1400 Hz	0202
	handshake at 2300 Hz	0212
Radionics, 20 PPS-Extended	handshake at 1400 Hz	0242
	handshake at 2300 Hz	0252
Radionics, 40 PPS	handshake at 1400 Hz	0200
	handshake at 2300 Hz	0210
Radionics, 40 PPS-Extended	handshake at 1400 Hz	0240
	handshake at 2300 Hz	0250
Radionics, 40 PPS, with Parity	handshake at 1400 Hz	0220
	handshake at 2300 Hz	0230
Radionics, 40 PPS-Extended, with Parity	handshake at 1400 Hz	0260
	handshake at 2300 Hz	0270
Other Protocols:		
Sescoa, Super Fast, with Parity	4 + 3 + Parity	0331
Sescoa, Super Fast, with Parity + ETX	4 + 3 + Parity	03B1
ADEMCO Express	4 + 2+ Parity	0520
Sweden Robofon		0600

5 4 **Dialer: U/D Telephone Number**

The phone number to which the alarm company's computer, equipped with the Upload/Download software, is connected

➤ **To access the U/D Telephone Number menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[4]** and type in up to 32 digits. Include dialing prefixes and area code or special letters.
3. Press .

5 5 **Dialer: U/D Access and ID**

The Access and ID menu enables you to set the access and ID Codes for remote communication between the technician and the WisDom using the Upload/Download software.

➤ **To access the Access and ID menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[5]** to access the Access and ID menu options. The following display appears:

U/D Access & ID:
1) Access code ↓

3. Access and configure the parameters in the Access and ID menu, as follows:

Dialer: Access and ID

Quick Keys	Parameter	Default
5 5 1	Access Code	5678
	<p>Enables you to define an Access Code that is stored in the WisDom.</p> <p>Rokonet recommends using a different 4-digit Access Code for each installation.</p> <p>In order to enable communication between the Alarm Company and the WisDom, the same Access Code must subsequently be entered into the corresponding account profile created for the installation in the Upload/Download software.</p> <p>For successful communication, the Access Code along with the ID code (see below) must match between the Upload/Download software and the Main Panel.</p> <ol style="list-style-type: none">1. Select a 4-digit Access Code. This code is stored in the WisDom.2. Enter the code selected into the account profile created for this installation in the Upload/Download software.3. Press [1] and enter the 4-digit code.4. Press .	
5 5 2	Remote ID Code	0001
	<p>Defines an ID Code that serves as an extension of the Access Code, described in the procedure above.</p> <p>In order to enable communication between the alarm company and the Installation, the same Remote ID code must be entered into the account profile in the Upload/Download software.</p> <p>For successful communication, the ID Code along with the Access Code (see above) must match between the Upload/Download software and the Main Panel.</p> <p>Dealers often use the customer's Central Station Account Number for the ID Code, but you can use any 4-digit code unique to the installation.</p> <ol style="list-style-type: none">1. Enter the selected code into the account profile created for this installation in the Upload/Download software.2. Press [1] and enter the 4-digit code.3. Press .	

Dialer: Access and ID

Quick Keys	Parameter	Default
5 5 3	MS Lock	000000

MS Lock is a security function used in conjunction with Rokonet's Upload/Download software. It provides greater proprietary security when viewing Central Station parameters.

The same 6-digit code, which will be stored in the panel, must be entered into the corresponding account profile created for the installation in the Upload/Download software.

If there is no match between the MS Lock Code defined in the Main Panel and the MS Lock Code defined in the Upload/Download software, the Installer will not have permission to change the following Central Station parameters from the Upload/Download software: Installer Code, MS phone numbers, the MS Lock Code, and the Default Enable jumper.

1. Press [3].
2. Make a note of the 6-digit number for use in the Upload/Download software.

5 6 Dialer: Controls

The Controls menu contains parameters that enable you to control the WisDom dialer operation.

➤ To access the Controls menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press [6] to access the Controls menu options. The following display appears:

```
DIALER control:
1)MS enable  Y↓
```



NOTE:

The menus in this option require [Y] YES or [N] NO input.

3. Access and configure the parameters in the Controls menu, shown in the table below, as follows:

- ❖ Access each parameter by pressing the menu number keys or by using the  or  keys.
- ❖ Press the  key to toggle between [Y] YES and [N] NO and press  (repeat for each parameter, as required).
- ❖ Press the  key to return to the Dialer menu.

Dialer: Controls

Quick Keys	Parameter	Default
5 6 01	MS Enable	YES
	YES: Enables communication with the Central Station to report alarms, trouble, and supervisory events.	
	NO: No communication with the Central Station is possible. Choose NO for installations that are NOT monitored by a Central Station.	
5 6 02	FM Enable	YES
	YES: Enables Follow-Me communication. (Refer to <i>Follow-Me</i> , page 4-64.)	
	If both the MS phones and the FM phones are defined, the system will first call the MS phones and then the FM phones.	
	NO: Disables Follow-Me communication.	
5 6 03	U/D Enable	YES
	YES: Enables communication between the alarm company and the WisDom using the Upload/Download software. This enables modifying an installation's configuration, obtaining status information, and issuing Main Panel commands, all from a remote location.	
	NO: Disables communication, as detailed above.	
5 6 04	Call Delay	NO
	YES: Event reports to the Central Station are delayed for 15 seconds after they are detected.	
	NO: Event reports are sent immediately.	
5 6 05	Dial Tone	YES
	YES: The WisDom waits a short (selectable) interval to detect a dial tone before dialing the Central Station. (Refer to <i>Dial Tone Time</i> , page 4-58.)	
	NO: The WisDom dials without waiting.	
5 6 06	Call Save	NO
	YES: For reducing Central Station traffic congestion, the system holds all non-urgent events (for example, test transmissions) for up to 12 hours (programmable) and sends them as a batch at a less busy time, for example, at night. (Refer to <i>Dialer: Periodic Test</i> , page 4-59.)	
	NO: All events are transmitted as they occur.	
5 6 07	User Initiated Call	YES
	YES: For a remote Upload/Download session to take place, the user must first enter specific keypad commands in the User Functions mode. Refer to the <i>WisDom User's Manual</i> (Quick Keys [*][2][3][3]) for additional details.	
	NO: Upload/Download operations are possible without requiring the user's participation.	

Dialer: Controls

Quick Keys	Parameter	Default
5 6 08	Call Back U/D	YES
	<p>YES: Requires the WisDom system to call back the pre-programmed telephone number to which the alarm company's Upload/Download computer is connected. (Refer to <i>Remote U/D Telephone No.</i>, page 4-52) This provides more security for U/D operations.</p> <p>NO: The alarm company's computer calls the number set for Upload/Download. No callback is required.</p>	
5 6 09	Auto Batch	NO
	<p>YES: The WisDom calls the alarm company's computer at a preset time. (Refer to <i>Dialer: Periodic Test</i>, page 4-59) The Upload/Download software downloads a batch of previously programmed installation data from the alarm company to the account.</p> <p>NOTE:</p> <p>For the Auto Batch parameter to work:</p> <p>The computer must be turned on, connected to a phone line, and have the Upload/Download software loaded.</p> <p>-AND-</p> <p>The call must be initiated by the account.</p> <p>NO: The Auto Batch mode is disabled.</p>	
5 6 10	Answering Machine Override	YES
	<p>YES: The Answering Machine Override is enabled, as follows:</p> <ul style="list-style-type: none">◆ The Upload/Download software at the alarm company calls the account.◆ The software hangs up after one ring by the U/D operator.◆ Within one minute, the software calls again.◆ The WisDom is programmed to pick up this second call on the first ring, thus bypassing any interaction with the answering machine. <p>NOTE:</p> <p>This feature is used to prevent interference from an answering machine with remote Upload/Download operations.</p> <p>NO: The Answering Machine Override is disabled, and communication takes place in the standard manner.</p>	
5 6 11	UL Installation	NO
	<p>YES: Disables features inappropriate for UL listed installations. This feature disables the use of Upload/Download and permits a status display only when remotely accessed.</p> <p>NO: No features are disabled.</p>	
5 6 12	Show Kissoff	NO
	<p>YES: All LEDs on the WisDom light for one second when the dialer receives the <i>kissoff</i> signal from the Central Station's receiver.</p> <p>NO: The LEDs on the WisDom do not light upon receiving of the <i>kissoff</i> signal.</p>	

Dialer: Controls

Quick Keys	Parameter	Default
5 6 13	Show Handshake	NO
	<p>YES: All LEDs on the WisDom light up for one second when the dialer receives the <i>handshake</i> signal from the Central Station's receiver.</p> <p>NO: Receipt of the <i>handshake</i> signal does not light up the LEDs</p>	
5 6 14	Audible Kissoff	NO
	<p>YES: There is an audible sound emitted from the WisDom when the dialer receives the <i>kissoff</i> signal from the Central Station's receiver.</p> <p>NO: No audible sound on receipt of the <i>kissoff</i> signal.</p>	

5 7 Dialer: Parameters

The Parameters menu contains parameters that enable the system to control additional aspects of the WisDom dialer operation.

➤ To access the Parameters menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press [7] to access the Parameters menu options. The following display appears:

```
Dial parameters:
1)MS retries ↓
```

3. Access and configure the parameters in the Parameters menu, shown in the table below, as follows:
 - ❖ Access each parameter by pressing the menu number keys or by using the  or  keys.
 - ❖ Enter the relevant value or confirm the existing value by pressing .
 - ❖ Press the  key to return to the Dialer menu.

Dialer: Parameters

Quick Keys	Parameter	Default	Range
5 7 1	MS Retries	08	01 to 15
	The number of times the WisDom redials the Central Station after failing to establish communication.		
5 7 2	FM Retries	03	01 to 15
	The number of times the Follow-Me phone number is redialed.		
5 7 3	Rings to U/D	12	01 to 15
	The number of rings before the WisDom answers an incoming call (for remote programming).		

NOTE:

When the **Answering Machine Override** parameter is enabled (refer to page 4-56), this parameter is ignored.

Dialer: Parameters

Quick Keys	Parameter	Default	Range
5 7 4	Dial Tone Time	6 seconds	6 or 9 seconds
	The number of seconds the WisDom waits when the Dial Tone parameter is enabled (refer to page 4-55).		
5 7 4 1	Wait 6 Seconds		
	Select [1] and press  .		
5 7 4 2	Wait 9 Seconds		
	Select [2] and press  .		
5 7 5	Redial Wait	30 seconds	30 or 60 seconds
	The number of seconds between attempts at redialing the same phone number. Applies to both the MS Retries and FM Retries parameters, described above.		
5 7 5 1	Wait 30 Seconds		
	Select [1] and press  .		
5 7 5 2	Wait 60 Seconds		
	Select [2] and press  .		
5 7 6	Dialing Method	DTMF	DTMF (Touch Tone ®), Pulse @ 20 BPS, and Pulse @ 10 BPS
	When selecting the dialing method, your choice must be compatible with the type of phone service available at the protected premises.		
5 7 6 1	DTMF (Touch Tone ®)		
	Select [1] and press  to activate the DTMF dialing method.		
5 7 6 2	Pulse @ 20 BPS (pulses per second)		
	Select [2] and press  to activate the Pulse @ 20 BPS dialing method.		
5 7 6 3	Pulse @ 10 BPS (pulses per second)		
	Select [3] and press  to activate the Pulse @ 10 BPS dialing method.		
5 7 7	Pulse Duty Cycle	61/39%	67/33% and 61/39%
	For pulse dialing, choose the proper dialing duty cycle for the location, as described below.		
5 7 7 1	67/33%		
	Select [1] and press  for European telephone systems.		

Dialer: Parameters

Quick Keys	Parameter	Default	Range
5 7 7 2	61/39%		

Select [2] and press  for USA telephone systems.

5 7 8	Swinger Limit (Swinger Shutdown)	00	00 to 15
-------	---	----	----------

A swinger is a repeated violation of the same zone, often resulting in a nuisance alarm and usually due to a malfunction, an environmental problem, or the incorrect installation of a detector or sensor.

This parameter specifies the number of violations of the same zone reported during a single armed period, before the zone is automatically bypassed.

NOTE:

Enter **00** to disable the swinger shutdown.

5 7 9	Periodic Test		
-------	----------------------	--	--

The Periodic Test menu enables you to set the time period that the WisDom will automatically call the Monitoring Station or Upload/Download phone numbers in order to check the phone line connection. It also sends reports of non-urgent events, which reduces the number of calls made (only if the **Call Save** option is defined as **YES**). (Refer to *Call Save*, page 4-55, for additional details).

5 7 9 1	MS Test	HR:00 MIN:00	00-24 hours 00-59 minutes
---------	----------------	-----------------	------------------------------

Sends Periodic Test reports to the Central Station Receiver monitoring the account and assigns a valid Report Code for these Periodic Test reports.

Set the test time and daily interval for Periodic Test Reporting, as follows:

1. Press [1]. The following display appears:

```
MS test:
Hr=00 Min=00 D:0
```

2. Type in the time of day (in 24-hour format) and the testing intervals for Periodic Test reports to be sent.
3. Use the table below to specify the testing intervals (D)-effective from the day of programming:

D	Meaning
0	Never
H	Every hour
M	Every month
1	Every day
2	Every other day
3	Every 3rd day
4	Every 4th day
5	Every 5th day
6	Every 6th day
7	Once a week

Press the  key to return to the Dialer menu.

Dialer: Parameters

Quick Keys	Parameter	Default	Range
5 7 9 2	UD Test	HR:00 MIN:00	00-24 hours 00-59 minutes

Used to schedule periodic Auto Batch download using the Upload/Download software. This is the day, time of day (in 24-hour format) and time interval at which the customer's WisDom automatically calls the alarm company's computer to download the Batch (selected parameters).

Set the test time and daily interval, as follows:

1. Press **[2]**. The following display appears:

```
UD test:
Hr=00 Min=00 D:0
```

2. Type in the time of day (in 24-hour format) for an automatic download to occur.
3. From the table below, choose the downloading intervals (D)-effective from the day of programming:

D	Meaning
0	Never
H	Every hour
M	Every month
1	Every day
2	Every other day
3	Every 3rd day
4	Every 4th day
5	Every 5th day
6	Every 6th day
7	Every 7th day

4. Press the ***** key to return to the Dialer menu.

5 7 0	More
-------	-------------

Enables to define more parameters of the WisDom dialer

5 7 0 1	Alarm Restore
---------	----------------------

The Alarm Restore menu specifies under what conditions an Alarm Restoral is reported. This option informs the Central Station of a change in the specified condition(s) during an alarm restore. These reports need a valid Report Code. Refer to *Report Codes*, page 4-66, for additional details

5 7 0 1 1	On BTO (Bell Time Out - Default)
-----------	---

Reports the restoral after the audible alarm times out.

5 7 0 1 2	Follow Zone
-----------	--------------------

Reports the restoral when the zone in which the alarm occurs returns to its non-violated (secured) state.

Dialer: Parameters

Quick Keys	Parameter	Default	Range
5 7 0 1 3	At Disarm		
	Reports the restoral when the system (or the partition in which the alarm occurs) is disarmed, even if the sounder has already timed out.		
5 7 0 2	Windowing		
	The Windowing menu enables you to define a time window and its effective days for Reporting of Opening/Closing signals when the system is either disarmed or armed outside of the specified time window		
5 7 0 2 1	Window Start	HR:00 MIN:00	00-24 hours 00-59 minutes
	Sets the window's START time (in 24-hour format).		
5 7 0 2 2	Window Stop	HR:00 MIN:00	00-24 hours 00-59 minutes
	Sets the window's STOP time (in 24-hour format).		
5 7 0 2 3	Window Days	All	Sunday (Y/N) through Saturday (Y/N)
	Sets the days of the week in which the window is activated.		
	Use the  or  keys to select the days of the week.		
	Use the  key to toggle between Y and N to define if the window is active for the given day.		
	The window and the days chosen here also apply to the automatic arming and disarming of the system. (Refer to the <i>WisDom User's Manual</i> for additional details.)		

5 8 **Dialer: MS Report Split**

The MS Report Split menu contains parameters that enable the routing of specified events to up to three Central Station Receivers.

➤ **To access the MS Report Split menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[8]** to access the Report Split menu options. The following display appears:

MS report split:
1) Arm/Dis.event

3. Access and configure the parameters in the Report Split menu, shown in the table below, as follows:
 - ❖ Press **[1 to 3]** to enter a report category.
 - ❖ For each category, enter the number of the option you want to assign to the category or choose it by using the  or  keys and press .
 - ❖ Press the  key to return to the Dialer menu.

Dialer: Report Split

Quick Keys	Parameter	Default
5 8 1	MS Arm/Disarm Reports Arming/Disarming (meaning Closings/Opening) events to the Central Station.	1st Backup 2nd
5 8 1 1	Do Not Call Does NOT report Openings and Closings.	
5 8 1 2	Call 1st Reports Openings and Closings to the 1st Telephone number.	
5 8 1 3	Call 2nd Reports Openings and Closings to the 2nd Telephone number.	
5 8 1 4	Call 3rd Reports Openings and Closings to the 3rd Telephone number.	
5 8 1 5	Call All Reports Openings and Closings to ALL telephone numbers.	
5 8 1 6	1st Backup 2nd Reports Openings and Closings to the 1st Telephone number. If communication is not established, calls the 2nd Telephone Number.	
5 8 2	MS Urgent Reports urgent (alarm) events to the Central Station.	1st Backup 2nd
5 8 2 1	Do Not Call Does NOT report urgent (alarm) events to the Central Station.	

Dialer: Report Split

Quick Keys	Parameter	Default
5 8 2 2	Call 1st	
	Reports urgent (alarm) events to the 1st telephone number.	
5 8 2 3	Call 2nd	
	Reports urgent (alarm) events to the 2nd telephone number.	
5 8 2 4	Call 3rd	
	Reports urgent (alarm) events to the 3rd telephone number.	
5 8 2 5	Call All	
	Reports urgent (alarm) events to ALL telephone numbers.	
5 8 2 6	1st Backup 2nd	
	Reports urgent (alarm) events to the 1st telephone number. If communication is not established, calls the 2nd telephone number.	
5 8 3	MS NON-Urgent	1st Backup 2nd
	Reports non-urgent events (supervisory and test reports) to the Central Station.	
5 8 3 1	Do Not Call	
	Does NOT report non-urgent events to the Central Station.	
5 8 3 2	Call 1st	
	Reports non-urgent events to the 1st telephone number.	
5 8 3 3	Call 2nd	
	Reports non-urgent events to the 2nd telephone number.	
5 8 3 4	Call 3rd	
	Reports non-urgent events to the 3rd telephone number.	
5 8 3 5	Call All	
	Reports non-urgent events to ALL telephone numbers.	
5 8 3 6	1st Backup 2nd	
	Reports non-urgent events to the 1st telephone number. If communication is not established, calls the 2nd telephone number.	

5 9 **Dialer: Follow-Me**

In addition to reporting to the Central Station, the WisDom has a Follow-Me feature, in which a standard phone call, reporting a system event, is made to a designated phone number.

This procedure is useful to alert a homeowner at work, or a business owner at home, of an alarm. There are two variations of the Follow-Me operation:

- ◆ **Standard Phone Call:** The Follow-Me call emits a series of tones or voice messages representing an active alarm (burglary or fire) The phone number(s) called are programmed from the User Functions mode (refer to *User Functions* in the *WisDom User's Manual*).
- ◆ **Phone Call to a Pager:** The Follow-Me call can be configured to a pager (numeric or alphanumeric) that displays a specific event (alarm or arm/disarm)(Refer to *Pager*, page 4-7.)

The Follow Me menu defines the events and restore events that will cause a Follow Me call to the phone number if they occur.



NOTES:

Follow-Me (**FM Enable**) must be enabled before any calls can be made. (Refer to *FM Enable*, page 4-55.).

It is the user's responsibility to program Follow-Me phone numbers (refer to the *User Functions* section in the *WisDom User's Manual*).

➤ **To access the Follow me menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[9]** to access the Follow Me menu options.
3. Use the   keys to select the Follow Me number and press .

Dialer: Follow-Me

Quick Keys

5 9 1

Parameter

Events

Specifies which phone events will activate this Follow-Me number.



NOTE:

In a WisDom without voice capabilities, the Follow Me conveys a series of tones representing an active event.

1. Use the  or  keys to select the phone event from the list below, and then use the  key to select **[Y] YES** or **[N] NO**.

[01]	Intruder	Y
[02]	Fire	Y
[03]	Emergency	Y
[04]	Panic	Y
[05]	Tamper	N
[06]	Remote Programming	N
[07]	AC Off	N
[08]	Duress	Y

Dialer: Follow-Me

Quick Keys	Parameter	Default
[09]	Arm	N
[10]	Disarm	N
[11]	Bypass	N
[12]	Wireless Lost	N (When no supervision signal from the wireless zones is received.)
[13]	Wireless Low Batt	N (Transmitters battery)
[14]	Bell Trouble	N
[15]	False Code	N (When a wrong User Code is entered more than 3 times.)
[16]	Low Battery	N (Backup battery)
[17]	Wireless Jamming	N
[18]	BUS Trouble	N

2. After you have defined all the required phone events, press .

5 9 2

Events Restore

Specifies which restore events will activate this Follow-Me number.



NOTE:

This option is disabled on a WisDom without voice capabilities.

1. Use the  or  keys to select the phone event from the list below, and then use the  key to select **[Y] YES** or **[N] NO**.

[01]	Intruder	Y
[02]	Tamper	N
[03]	AC Off	N
[04]	Wireless Lost	N (When no supervision signal from the wireless zones is received.)
[05]	Wireless Low Battery	N
[06]	Bell Trouble	N
[07]	Low Battery	N
[08]	Wireless Jamming	N
[09]	Bus Trouble	N

2. After you have defined all the required phone restore events, press .

6 Report Codes

The Report Codes menu enables you to program the codes transmitted by the WisDom to report events (for example, alarms, troubles, restores, supervisory tests, and so on) to the Central Station, as follows:

- ◆ The codes specified for each type of event transmission are a function of the Central Station's own policies. Before programming any codes, it is important to check the Central Station protocols.
- ◆ While most Communication Formats support the Report Codes detailed in the following pages, some do not (refer to page 4-50). Check with the Central Station monitoring your WisDom accounts to determine if the Communication Format being used requires such programming.

For example, the ADEMCO Contact (Point) ID and SIA formats support their own Report Codes. If either of these formats is used, the programming steps in this section are not relevant and should be ignored.

- ◆ Using a double-zero (**00**) for any event will prevent a report from being generated.

After you access the Report Codes menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

6 1 **Auto Codes**, page 4-66

6 2 **Manual Codes**, page 4-68

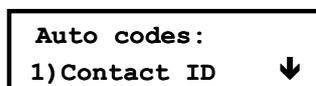
6 1 Report Codes: Auto Codes

The Auto Codes menu enables the resetting of all Central Station Report Codes to **00** without the need to restore factory defaults for the auto setting of the following Central Station formats:

- ◆ SIA
- ◆ ADEMCO Contact ID

➤ To access the Auto Codes menu:

1. Access the Report Codes menu, as described on page 4-48.
2. From the Dialer menu, press **[1]** to access the Auto Codes menu options. The following display appears:



```
Auto codes:
1) Contact ID  ↓
```

3. Access and configure the parameters in the Auto Codes menu, as follows:

Report Codes: Auto Codes

Quick Keys

Parameter

6 1 1

Contact ID

The WisDom allocates Report Codes supporting ADEMCO Contact (Point) ID.

1. Press  to select this option and deselect the **SIA** option (described below). The following display appears:

```
Point ID codes:
Auto allocate? N
```

2. Press  and  to confirm your choice.
3. Press  to return to the previous programming level.

NOTE:

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

6 1 2

SIA

The WisDom allocates Report Codes supporting the SIA (Security Industry Association) format.

1. Press  to select this option and deselect the **Contact ID** option (described above). The following display appears:

```
SIA codes:
Auto allocate? N
```

2. Press  and  to confirm your choice.
3. Press  to return to the previous programming level.

NOTE:

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

6 1 3

Delete All

The WisDom resets to **00** all previously programmed Central Station Report Codes.

This does not change any other programmed parameters.

1. Press  to select this option. The following display appears:

```
Clear all codes
Are you sure? N
```

2. Press  and  to confirm your choice.
3. Press  to return to the previous programming level



NOTE:

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

6 2 Report Codes: Manual Codes

The Manual Codes menu enables to assign a specified report code for each event. Enter the 2-digit zone number and the corresponding 2-digit Report Code, representing the event in this zone. If this event is not to be transmitted, use the **00** default

6 2 1 **Emergency Key**, page 4-68

6 2 2 **Zones**, page 4-69

6 2 3 **Troubles**, page 4-70

6 2 4 **Arm Codes**, page 4-72

6 2 5 **Disarm Codes**, page 4-73

6 2 6 **Wireless Codes**, page 4-73

6 2 7 **Miscellaneous Codes**, page 4-74

6 2 8 **Special Communication**, page 4-75

➤ To access the Report Codes menu:

1. Access the Report Codes menu, as described on page 4-48.
2. Press [2] to access the Manual Codes menu options. The first submenu appears:

```
Manual rp.codes:
1)Emergency    ↓
```

You are now in the Manual report Codes menu and you can access the required submenus for programming the many events codes supported by the WisDom, as described in the following sections:

Report Codes: Manual Codes

Quick Keys	Parameter
6 2 1	Emergency Key The Emergency Key menu enables you to define the codes transmitted to the Central Station when an alarm is sent (meaning Police, Fire, and Auxiliary Emergency) via a WiDom's emergency keys
6 2 1 1	Alarm Enter a 2-digit code for each of the following keypad-generated alarms. Use the 00 default if the event should not be transmitted.
6 2 1 1 1	Auxiliary Emergency (Special) 00 To report an Auxiliary Emergency.
6 2 1 1 2	Panic 00 To report a Police Emergency.
6 2 1 1 3	Fire 00 To report a Fire Emergency.

Report Codes: Manual Codes

Quick Keys	Parameter	
6 2 1 1 4	Duress	00
	To report a Duress Emergency (refer also to the <i>WisDom's User's Manual</i>).	
6 2 1 2	Restore	
	Enter the 2-digit code used to report a restoral of the above keypad emergencies.	
6 2 1 2 1	Auxiliary Emergency (Special)	00
	To report the restoral of an Auxiliary Emergency.	
6 2 1 2 2	Panic	00
	To report the restoral of a Police Emergency.	
6 2 1 2 3	Fire	00
	To report the restoral of a Fire Emergency.	
6 2 1 2 4	Duress	00
	To report the restoral of a Duress Emergency.	
6 2 2	Zones	
	The Zones menu contains parameters of the Report Code generated when an alarm (or alarm restoral) occurs due to the violation of an armed zone	
6 2 2 1	Alarm	00
	To report an alarm in a designated zone.	
6 2 2 2	Alarm Restore	00
	To report an alarm restoral in the designated zone.	
6 2 2 3	Trouble/Supervision	00
	To report a Day Zone trouble for zone 33 during the disarmed period and/or a wireless zone trouble.	
6 2 2 4	Trouble Restore/Supervision	00
	To report a restoral after a Day Zone violation (see above).	
6 2 2 5	Bypass	00
	To report the selective bypassing (or force arming) of one or more zones.	

Report Codes: Manual Codes

Quick Keys	Parameter	
6 2 2 6	Tamper	00
	To report a tamper for zone tamper alarm condition	
	NOTE:	
	If a zone with a tamper switch is bypassed, both the tamper switch and the Report Code are unaffected.	
6 2 2 7	Tamper Restore	00
	To report the restoral-to-normal of a tamper condition .	
6 2 2 8	Low Battery Trouble	00
	To report a low battery condition in a wireless transmitter.	
6 2 2 9	Low Battery Trouble Restore	00
	To report the correction of a low battery condition.	
6 2 3	Troubles	
	The Troubles menu contains codes that enable reporting the detection (and restoral) of troubles related to the system operation	
6 2 3 1	Trouble Events	
	Trouble Codes assigned to the WisDom.	
6 2 3 1 1	Low Battery	00
	Code to report the detection of a weak (or missing) standby battery.	
6 2 3 1 2	Bell	00
	Code to report a trouble condition with the management of an internal sounder wired to the Main Panel.	
6 2 3 1 3	Phone	00
	Code to report a trouble condition regarding telephone service management.	
6 2 3 1 4	AC Loss	00
	Code to report a trouble condition regarding the AC power supply to the WisDom.	
6 2 3 1 5	AUX Fail	00
	Code to report a trouble condition regarding the loss of Auxiliary Power (either continuous or switched) supplied by the WisDom.	
6 2 3 1 6	Clock Not Set	00
	Code to report a trouble condition caused by a Clock Not Set.	
6 2 3 1 7	BUS Communication Fail	00
	Code to report a trouble condition regarding a failure in the system BUS.	

Report Codes: Manual Codes

Quick Keys	Parameter	
6 2 3 1 8	False Code	00
	Code to report the repeated use of an incorrect User Code to disarm the system.	
6 2 3 1 9	Bell Tamper	00
	Code to report a tamper alarm of an external bell connected to the Main Panel.	
6 2 3 1 0	Box Tamper	00
	Code to report a tamper alarm of the tamper switch connected to the box.	
6 2 3 2	Trouble Restorals	
	Trouble restoral codes assigned to the WisDom Main Panel.	
6 2 3 2 1	Low Battery	00
	Code to report the restoring to normal of a weak (or missing) standby battery.	
6 2 3 2 2	Bell	00
	Code to report restoring to normal of an internal sounder wired to the Main Panel.	
6 2 3 2 3	Phone	00
	Code to report the restoring to normal of the telephone service to the WisDom.	
6 2 3 2 4	AC	00
	Code to report the restoring to normal of the AC power supply to the WisDom.	
6 2 3 2 5	AUX	00
	Code to report the restoring to normal of Auxiliary Power (either continuous or switched) supplied by the WisDom.	
6 2 3 2 6	Clock is Set	00
	2-digit code to report that the system's clock is now set.	
6 2 3 2 7	BUS Comm	00
	Code to report the restoring to normal of the system's 4-wire BUS.	
6 2 3 2 8	False Code	00
	Code to report the restoring of an incorrect User Code	
6 2 3 2 9	Bell Tamper	00
	Code to report the restore of a bell tamper.	
6 2 3 2 0	Box Tamper	00
	Code to report the restore of a box tamper.	

Report Codes: Manual Codes

Quick Keys	Parameter
6 2 4	Arm The Arm Codes menu contains codes that enable the reporting of the Closing Signals generated when the system is ARMED (closed under a variety of conditions)
6 2 4 1	User Arm 00 1. Enter the 2-digit Report Code representing the User. 2. Enter the 2-digit Report Code for system arming (closing) by the specific user.
6 2 4 2	Keyswitch Armed 00 Enter the 2-digit code for arming the system via a keyswitch. NOTE: No user identification is possible.
6 2 4 3	Auto Armed 00 A Report Code used when the system is Auto Armed as a result of a previously scheduled user-determined event. NOTE: No specific user identification is possible. Refer to the <i>WisDom User's Manual</i> for additional details.
6 2 4 4	Remote Armed 00 A Report Code used when the system is Remotely Armed as a result of actions performed by the alarm company using its Upload/Download software.
6 2 4 5	Quick Armed 00 The 2-digit Report Code used when the system is Quick Armed. NOTE: No specific user identification is possible. Refer to the <i>WisDom User's Manual</i> for additional details.
6 2 4 6	Force Armed 00 A Report Code used when the system is Force Armed.
6 2 4 7	Key Fob 00 Enter the 2-digit Report Code transmitted when the system is armed with this specific device.

Report Codes: Manual Codes

Quick Keys	Parameter
6 2 5	Disarm The Disarm Codes menu contains codes that enable the reporting of the Opening Signals generated when the system is DISARMED (opened) in various conditions)
6 2 5 1	User Disarm 00 Report Code used for system disarming (opening) by a particular user.
6 2 5 2	Keyswitch Disarm 00 Code to report system disarm via a keyswitch NOTE: No user identification is possible.
6 2 5 3	Auto Disarm 00 Report Code used when the system is Auto Disarmed by a previously scheduled event. NOTE: No specific user identification is possible. Refer to the <i>WisDom User's Manual</i> for additional details.
6 2 5 4	Remote Disarmed 00 Report Code for Remote Disarming by the alarm company using its Upload/Download software.
6 2 5 5	Key Fob 00 Code to report disarming with this device
6 2 6	Wireless The Wireless Codes menu contains codes that enable reporting the detections of troubles relating to the operation of the receiver or the wireless devices
6 2 6 1	Receiver Press [1] to access each sub-category, as shown below.
6 2 6 1 1	Jamming Trouble 00 2-digit Report Code for the detection of jamming interference, according to the parameters defined in the system.
6 2 6 1 2	Jamming Trouble Restore 00 2 -digit Report Code for the restore to normal detection of interference
6 2 6 2	Keypads Press [2] to access each sub-category of the wireless keypads, as shown below
6 2 6 2 1	Keypad Tamper 00 Tamper code for wireless keypad tamper condition

Report Codes: Manual Codes

Quick Keys	Parameter
6 2 6 2 2	Keypad Tamper Restore 00 Code to restore to normal of a tamper condition
6 2 6 2 3	Battery Trouble 00 Report code for low battery condition in a wireless keypad
6 2 6 2 4	Battery Trouble Restore 00 Report code for correction of low battery condition
6 2 6 3	Key Fobs Press [3] to access each sub-category, as shown in the following options
6 2 6 3 1	Battery Trouble 00 Report Code for low battery condition
6 2 6 3 2	Battery Trouble Restore 00 Report code for correction of low battery condition
6 2 7	Miscellaneous The Miscellaneous menu contains codes that enable the reporting of miscellaneous events to the Central Station
6 2 7 1	Enter Programming 00 Report Code for entering the Installer Programming mode, either locally (via the WisDom's keys) or remotely (via the Upload/Download software).
6 2 7 2	Exit Programming 00 Report Code for termination of the Installer Programming mode, either locally (via the WisDom's keys) or remotely (via the Upload/Download software).
6 2 7 3	Periodic MS Test 00 Report Code used for periodic Central Station (MS) Test transmissions. (Refer to <i>Dialer: Periodic Test</i> , page 4-59, for additional details).
6 2 7 4	Periodic U/D Test 00 Report Code for the system's periodic Upload/Download (Auto Batch) transmissions.
6 2 7 5	Call Back Request 00 Report Code for automatic callback to the alarm company's Upload/Download software.
6 2 7 6	System Reset 00 Report Code for manual reset using the WisDom DEFAULT (J9) jumper.
6 2 7 7	Abort Alarm 00 Report Code used when the system sends an ABORT message to the Central Station. (Refer to <i>Abort Alarm</i> , page 4-6, for additional details.)

Report Codes: Manual Codes

Quick Keys	Parameter
6 2 7 8	Cancel Report 00 Report Code for a user-initiated cancellation of an alarm in progress. (Refer to the <i>WisDom User's Manual</i> for additional details.)
6 2 7 9	Auto Arm Fail 00 Report code for failing to perform automatic arming of the system.
6 2 7 0	More More ...
6 2 7 0 1	Listen In 00 Report code that informs the receiver at the monitoring station that the WisDom will automatically switch to Listen-In mode at the end of events transmission. For more information refer to Monitoring Station: Two Way Communication, below). Note: This option is disabled on a WisDom without voice capabilities.
6 2 7 0 2	Confirmed Alarm 00 Report code for confirmed alarm (Police code). For more information refer to page 4-32)
6 2 8	Special The Special Communication menu enables you to program the 3-digit Report Codes for Central Station Communication Formats requiring 3-digit Event Codes. When entering the menu the following display appears: <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px 0;">Special codes: Code=AA Send=000</div> <ol style="list-style-type: none">1. Enter the 2-digit code to be modified. This number appears in the CODE = AA area of the display shown above.2. Enter the 3-digit code to be actually sent. This number appears in the SEND=000 area of the display shown above.3. Press .4. Press the  key to return to the previous programming level

Monitoring Station: Voice Alarm Verification

The WisDom enables the Monitoring Station to perform Voice Alarm Verification in order to verify a cause of event or to guide someone in distress.



NOTE:

The receiver at the Monitoring Station should support this feature and be configured to enable the operator the option to perform the Listen-In and Talk functions.

To open the voice alarm confirmation channel, an extra event report (following the report of an urgent alarm) is sent to the monitoring station. This event informs the receiver that the WisDom will automatically switch to Listen-In mode at the end of event transmission. The extra event report should be assigned manually (location [6][2][7][0][1]).

For Contact ID the WisDom code should be 84 (Contact ID: Event code 606). For SIA the Wisdom code should be 84 (SIA: Event code LF).

The Listen-In time period is defined as 2 minutes. After this period the WisDom hangs up the line. During the Listen-In time period, the operator can switch to 'Talk' mode by pressing the '2' key, and go back to 'Listen-In' mode by pressing the '1' key. Whenever the '*' key is pressed, the panel hangs up the line.

7 Key-fobs

The Key Fobs menu contains parameters that enable WisDom to allocate up to 8 rolling code Wireless key-fobs transmitters.

The wireless key-fob transmitters (p/n RP128T4RC00A, RP296T4RC00A) are rolling code transmitters with the following options: Arm, Stay, Disarm, Panic, and UO activation.

After you access the Key-fobs menu from the main Installer Programming menu, as described in this section, you can access the following submenu:

7 1 **Allocation**, below

7 2 **Parameters**, page 4-78

7 3 **Communication Test**, page 4-79

➤ To access the Key Fobs menu:

- ◆ From the main Installer Programming menu, press [7] or press the  or  keys and then press . The following display appears:

```
Key-fobs:
1)Allocation
```

You are now in the Key-fobs menu and can access the submenu, as described in the section that follows.

7 1 Key-fobs: Allocation

This procedure is required when using a 4-key rolling code wireless transmitter.

➤ To access the Key - Fobs Allocation menu:

1. Access the Key - fobs menu.
2. From the Key - fobs menu, press [1] to access the Allocation menu options. The following display appears:

```
Key-fob alloc.:
Select=1      (1-8)
```

3. Select the Button Number you wish to assign to the system and press .
4. Select the appropriate option, as follows:
 - ❖ Press [1] to move to the next key-fob assignment.
 - ❖ Press [2] to write (or overwrite) data into the selected location and allocate the key-fob. Send a write signal (within 255 seconds) from the key-fob by pressing on the  (ARM) key on the key-fob for at least 2 seconds. After each press the key-fob LED will blink. If the WisDom successfully recognizes the key-fob it will sound a confirmation beep.
 - ❖ Press [3] to erase the data in the selected location. Select [Y] or [N] using the  key and press  to confirm your selection
5. Repeat steps 2-4 to allocate an additional key-fob.

7 2 Key-fob: Parameters

The Key fob Parameters menu defines the operation of the key fobs keys. Some of the keys may be used for arming and disarming the system and for various other operations. This procedure is required when using the 4-key wireless transmitter (rolling code).

➤ To access the Key – Fob Parameters menu:

1. Access the Key - Fob menu, as described above.
2. From the Key - Fob menu, press [2] to access the Wireless Button Parameters menu options. The following display appears:

```
Key-fob params. :  
Select=1      (1-8)
```

3. Select the Button Number you wish to assign to the system and press **#↑**

Changing the Wireless Button Parameters

Each key-fob consists of 4 buttons, and each button can be programmed to a different mode of operation.

➤ To change the key-fobs parameters:

1. Assign the relevant partition for the selected key-fob using the numeric keys 1-3.

```
P=123      KF=1  
YYY
```

2. Press **#↑** and set the operation of each of the 4 buttons of the key-fob. Set the parameters for the Arm button #1 (Ⓜ) (used to perform the Away/Stay arming operation) from the following options:
 - ❖ **None:** The button is disabled.
 - ❖ **Arm:** The button is used for AWAY (Full) arming the assigned partitions (default).
 - ❖ **Stay:** The button is used for STAY (Home) arming the assigned areas.
3. Define if the Away or Stay arming will be instant or delayed (following an exit delay)

4. Press **#↑**. The system moves to the next key, and the following display appears:

```
Key-fob:1  Butt:2  
1) None    ↓
```

5. Set the parameters for the Disarm button #2 (Ⓜ) (used to perform the Disarming operation) from the following options:
 - ❖ **None:** The button is disabled (default).
 - ❖ **Disarm:** The button is used for disarming its assigned partitions.
6. After selecting the required option, press **#↑**. The system moves to the next button, and the following display appears:

```
Key-fob:1  Butt:3  
1) None    ↓
```

7. Set the parameters for the Panic Key #3 (used to perform a Panic or Utility Output operation) from the following options:
 - ❖ **None:** The button is disabled (default).
 - ❖ **Panic:** The button is used to send a panic alarm.
 - ❖ **UO:** The button is used to operate a Utility Output. When selecting this option, you must select a Utility Output. The following display appears:

```
Fob:1 Butt:3 UO:
01)Output 01 ↓
```

8. After selecting the required option, press **#↑**. The system moves to the next button, and the following display appears:

```
Kef-fob:1 Butt:4
1)None ↓
```

9. Set the parameters for the button #4 (the small button), from the following options:
- ❖ **None:** The button is disabled (default).
 - ❖ **Arm:** The button is used for Away arming the assigned partitions.
 - ❖ **Stay:** The button is used for Stay (Home) arming the assigned partitions.
 - ❖ **UO:** The button is used to operate a Utility Output. When selecting this option, you must select a Utility Output:

NOTE:

Away or STAY arming can be defined as instant or delayed (Exit Delay)

10. After selecting the required option, press **#↑**.
11. Repeat the procedure to program the other wireless key fobs.

7 3 **Key-fob: Communication Test**

The Key fob communication menu enables to perform a communication test between the key fob and the WisDom's receiver.

➤ **To access the Key – Fob Communication Test menu:**

1. Access the Key - Fob menu, as described above.
2. From the Key - Fob menu, press **[3]** to access the Communication Test menu options. The following display appears:

```
K-fob comm.test
1)Key-fob 1: -- ↓
```

3. Select the key-fob you wish to perform the test on.
4. In order to proceed, initiate a transmission from the selected key-fob by pressing on any of the buttons.
A confirmation beep along with an OK message indicates a successful communication test .
5. Repeat the procedure to test the other key fobs or press ***** to exit.

8 Keypads

The Keypads menu contains parameters that enable WisDom to allocate the data it receives from the wireless keypads. Up to 2 wireless keypad can be added to the system.

The wireless keypads are rolling code transmitters with the following options: Arm, Stay, Disarm, Panic, and UO activation:

After you access the Keypads menu from the main Installer Programming menu, as described in this section, you can access the following submenu:

8 1 **Allocation**, below

8 2 **Communication Test**, page 4-81

➤ To access the Keypads menu:

- ◆ From the main Installer Programming menu, press **[8]** or use the  or  keys and then press . The following display appears:

```
Keypads:
1)Allocation  ↓
```

You are now in the Keypads menu and can access the submenu, as described in the sections that follow.

8 1 **Keypads: Allocation**

This procedure is required to assign a wireless keypad to the WisDom.

➤ To access the Keypads Allocation menu:

1. Access the Keypads menu,.
2. From the Keypads menu, press **[1]** to access the Allocation menu options. The following display appears:

```
Keypad alloc.:
Select=1      (1-2)
```

3. Select the keypad you wish to *learn-in* to the system.
4. Press . Three options are available, as follows:
 - ❖ Press **[1]** to move to the next keypad assignment.
 - ❖ Press **[2]** to write (or overwrite) data into the selected location and allocate a Wireless Keypad. Send a write signal (within 255 seconds) from the keypad by pressing the ARM key twice on the keypad. After each press the wireless keypad will send a beep and its Power LED will blink. If the WisDom successfully recognizes the wireless keypad it will sound a confirmation beep .
 - ❖ Press **[3]** to erase the data in the selected location. Select **[Y]** or **[N]** using the  key and press  to confirm your selection.
5. Repeat steps 2-4 to allocate a second wireless keypad.

8 2 Keypads: Communication Test

The Keypads communication menu enables to perform a communication test between the wireless keypad and receiver.

➤ To access the Keypads Communication Test menu:

1. Access the Keypads menu, as described above.
2. From the Keypads menu, press **[2]** to access the Communication Test menu options. The following display appears:

```
Keypad comm.test
1) Keypad 1: -- ↓
```

3. Select the keypad you wish to perform the test on
4. In order to proceed, initiate a transmission from the selected keypad by pressing on any of the keypad keys. Allow a few seconds for the receiver to react.
A confirmation beep along with an OK message indicates a successful communication test .
5. Repeat the procedure to test an additional keypad or press ***** to exit.

0 Exit Programming

The Exit Programming menu enables you to save any programming changes made during the current session.

Important: Any changes you make to the programmed parameters are not saved until you exit the Installer Programming Menu correctly.

NOTE:

To exit the installer programming mode place the default jumper (J9) on 1 PIN

➤ To access the Exit Programming menu:

1. From the main Installer Programming menu, press **[0]**, or press the  or  keys until you find the number **[0] Exit Program** option, shown below, and then press .

```
Programming:
0)Exit      ↑
```

This display is the last option in the main Installer Programming menu.

The following display appears:

```
DO YOU WANT TO:
SAVE THE DATA? Y
```

2. Select the appropriate option to save or discard your changes, as follows:

- ❖ Save your changes by pressing . The following display appears:

```
PLEASE WAIT
DATA SAVING..
```

When the data has been saved, the following display appears:

```
DATA IS SAVED
PLEASE WAIT..
```

The WisDom returns to the normal user display.

-OR-

- ❖ Discard your changes by using the  key to change the **[Y] YES** to **[N] NO** on the display and then press . The following display appears:

```
RELAOD ...
PLEASE WAIT..
```

The WisDom returns to the normal user display.

Chapter 5: Installer Programming Within the User Programming Menu

This chapter explains programming options that are located in the user's programming menu, but can be performed either by the user or installer.

- ✦ **Programming the voice messages**, below
- ✦ **Performing walk test**, page 5-9

Programming the Voice Messages

This section describes how to customize the spoken messages that the WisDom announces when you access the system from a remote telephone, or heard locally on the premises.

In addition, this section describes how to verify the voice messaging and how to enable Announcement messages to be sounded locally.

Only the installer or a user with Grand Master authority level can program the voice messages.

After you access the Voice Messages menu from the main User programming menu you can access the following submenus:

- 7 1 Message Structure**, below
- 7 2 Voice Labeling**, page 5-3
- 7 3 Test Message**, page 5-7
- 7 4 Local Announcement Messages**, page 5-8

➤ To Access the Voice Messages menu:

1. From the User programming menu press **[7]**, or press the   keys until you find the **[7]** Voice Message option and then press .



NOTE:

This option is disabled on a WisDom without voice capabilities.

2. Enter the installer code or the Grand master code and then press .
3. The first submenu appears:

Voice Message:
1)Msg.structure ↓
4. You are now in the Voice Messages menu and can access the required submenus, as described in the following sections.

Voice Messages Types

Three types of spoken messages are heard in the WisDom:

- 1. Event announcement message:** Upon event occurrence, the WisDom initiates a call to a remote Follow Me (FM) number, informing the user of a security situation by playing a pre-recorded Event announcement message. The Event announcement message consists of the following 4 messages, each of which is defined individually:
 - ❖ **Common message:** User-defined identification of the premises, for example, the address and/or telephone number of the premises. This message is up to 10 seconds long. The default Common message is ***Hello, this is your Rokonet security system calling***
 - ❖ **Event message:** System-defined description of the security situation that has occurred, for example, ***Intruder alarm***.
 - ❖ **Partition message:** User-defined name for the partition in which the event occurred, for example, ***First floor***. The Partition message can be up to 2 seconds long, and is only announced when the Event announcement message concerns a partition
 - ❖ **Zone message:** User-defined name for the zone in which the event occurred, for example, ***Kitchen***. The Zone message can be up to 2 seconds long, and is only announced when the Event announcement message concerns a zone
- 2. Status message:** Upon remote access of the system by initiating a call from a remote telephone or receiving a call from the system, the WisDom announces the current system status by playing a pre-recorded Status message.
- 3. Announcement message:** Upon event occurrence, the WisDom can announce the security situation to occupants by sounding a local Announcement message.

7 1 Message Structure

Selecting a message structure enables you to specify the order in which messages are announced in the Event announcement message.

If the Police or Fire Department hears the Event announcement message, it is important that the Common message be announced first, as this identifies the premises.

If the owner of the premises hears the Event announcement message, the Common message can be announced last, as the owner already knows the identity of the premises. It is more important for the owner to hear the Event, Partition and Zone messages first, as they describe the event and pinpoint its location in the premises.

➤ To select a message structure:

1. Access the Voice message menu.
2. Select **[1] Message Structure**. The following display appears:

```
Msg. structure:
Type:A (C/E/P/Z)
```

3. Use the  to select one of the following structure types
 - ❖ **[A] (C/E/P/Z):** Orders the messages as follows: **Common, Event, Partition, Zone**
 - ❖ **[B] (E/P/Z/C):** Orders the messages as follows: **Event, Partition, Zone, Common**.

7 2 Voice Message Labels

The Message Labels menu provides access to submenus that enable to Play, Record and Assign a pre-defined message for zones, partitions, utility outputs, macro keys and the common message.

➤ To select a message structure:

1. Access the Voice message menu.
2. Select [2] Message Label. The following display appears:

Message Label:
1) Common msg. ↓

3. You can now program a voice message label for each of the following options:

- [1] Common Message
- [2] Zone Message
- [3] Partition Message
- [4] Utility Output Message
- [5] Macro Message

Voice Message: Message Labels

Quick Keys

Parameter

7 2 1

Common Message

1. Press [1]. The following display appears:

Common message:
1) Play ↓

2. Press the required option as follows:

- ❖ Press [1] to Play the common message.
- ❖ Press [2] to record a new message. The following message appears:

Press # to start
Message record.

Press  and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

Press # to stop
Rec. Time:10

Recording stops automatically after 10 seconds. If you finish your message in 9 seconds or less press the  to stop recording.

NOTE:

Not pressing  immediately after finishing recording your message might cause unwanted noises or a long silence in your message.

3. Press  to return to higher programming level.

Voice Message: Message Labels

Quick Keys

7 2 2

Parameter

Zone Message

1. Press [2]. The following display appears:

```
Zone#:01   (01-33)
Zone 01     ↓
```

2. Select the zone number and press .
3. Press the required option as follows:
 - ❖ Press [1] to play the zone message.
 - ❖ Press [2] to record a zone message. (zones 1-16) The following message appears:

```
Press # to start
Message record.
```

Press  and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
rec.      Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the  to stop recording.

- ❖ Press [3] to assign the zone with a pre-recorded message. Each zone is assigned with a default message label, as described in the following table. Using the   keys select zone label and press . You can verify your selection by playing the message using the [1] Play option. The list of available zones messages is as follows, listed in alphabetical order.

Zone Label	Default Zone	Zone Label	Default Zone	Zone Label	Default Zone
01) Attic	22	16) Front door	01	31) Passage	-
02) Back door	30	17) Game room	-	32) Patio	-
03) Basement	23	18) Garage	29	33) Perimeter area	06
04) Bathroom	17	19) Guest room	16	34) Reception	32
05) Bedroom 1	13	20) Hall	18	35) Safe	27
06) Bedroom 2	14	21) Hallway	-	36) Second floor	05
07) Bedroom 3	-	22) Kitchen	07	37) Shop	31
08) Child room	09	23) Landing	24	38) Stairs	19
09) Dining room	10	24) Library	-	39) Store room	33
10) Downstairs	20	25) Living room	08	40) Study	-
11) Dressing room	-	26) Lobby	25	41) Third floor	
12) Entrance	02	27) Main floor	03	42) TV room	12
13) Family room	11	28) Master bedroom	15	43) Upstairs	21
14) First floor	04	29) Nursery	26	44) Washroom	-
15) Foyer	28	30) Office	-	45) Warehouse	-

Voice Message: Message Labels

Quick Keys

7 2 3

Parameter

Partition Message

1. Press [3]. The following display appears:

```
Choose Part.:  
1) Partition 1 ↓
```

2. Select the partition number.
3. Press the required option as follows:
 - ❖ Press [1] to play the partition message.
 - ❖ Press [2] to record a partition message. The following message appears:

```
Press # to start  
Message record.
```

Press  and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop  
rec. Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the  to stop recording.

- ❖ Press [3] to assign the partition with a pre-recorded message. Using the   keys select partition label and press . You can verify your selection by playing the message using the [1] Play option. The table of options is the same as the one described in the Zone Labels section on page 5-4. The default partition messages are as follows:

Partition 1: Main floor (Label 27)

Partition 2: Upstairs (Label 43)

Partition 3: Perimeter area (Label 33)

7 2 4

Utility Output Message

Recording voice messages for Utility Outputs simplifies the process of remotely operating them by enabling the user to hear a meaningful name, such as *Heating*, for each Utility Output.

This procedure involves:

- ❖ Selecting a Utility Output voice message.
- ❖ Assigning an appliance to that message.
- ❖ Recording a name for the selected appliance.

Voice Message: Message Labels

Quick Keys	Parameter
------------	-----------

NOTE:

The utility output must be defined as **Follow Code** in order for you to assign them to voice messages, see page 4-37, *Follow User Code*.

➤ **To record a UO message:**

1. Press [4]. The following display appears:

```
UO message :
00) UO 1 message ↓
```

2. Each option in the **UO Message** menu represents a message for a utility output. Select the number representing the message to which you want to assign an appliance. The following message will appear:

```
Choose UO :
00) None ↓
```

3. The options in the **Choose UO** menu represent the **Follow Code** utility outputs. Select the number representing the appropriate output for the message selected in step 3 -OR- select **00** for no output to be assigned to a message.

7 2 5

Macro Message

1. Press [5]. The following display appears:

```
Choose macro :
Macro:A (A-C)
```

2. Use the  key to select your choice and press .
 3. Press the required option as follows
- ❖ Press [1] to play the macro message.
 - ❖ Press [2] to record a macro message. The following message appears:

```
Press # to start
Message record.
```

Press  and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
rec. Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the  to stop recording.

7 3 Test Message

The Test Message menu enables to verify the operation of the WisDom's voice capabilities locally or remotely (using a remote Follow-Me telephone number)

➤ To perform messages testing:

1. Access the Voice message menu.
2. Select [3] Test Message. The following display appears:

```
Test message:
1) Send message ↓
```

3. Access and perform local or remote messages testing as follows:

Voice Message: Test Message

Quick Keys

Parameter

7 3 1

Send Message

The Send Message option is used to verify remote messaging by sending an event message to a selected Follow me number.

In order to perform this, a phone number must first be assigned to the relevant FM number by entering [*][2][2][1][CODE][#], as described in the WisDom User's Manual, Chapter 6: Setting Follow Me Numbers.

➤ To send a test message:

1. Press [1]. The following display appears:

```
Choose FM:
1) FM number 1 ↓
```

2. Select the FM number to which you want the test message to be sent. The following display appears:

```
Voice FM test
activated.
```

The Wisdom calls the FM number and announces the following message "Test Message".

7 3 2

Local Play

Local message is performed by playing the "Test message" by the WisDom's speaker. Use this option to test and adjust the volume of the WisDom.

➤ To play a test message Locally:

1. Press [2]. The announcement message "Test Message" is repeated continuously for 90 seconds and the following display appears:

```
Press any key
to stop test
```

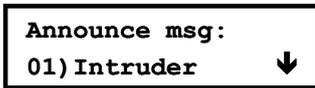
2. Press any key to stop the announcement.

7 4 **Local Announcement Messages**

Upon event occurrence, the WisDom can announce the security situation to occupants of the premises by sounding a local Announcement message. This Announcement message can be enabled or disabled, per event.

➤ **To Enable/Disable Announcement Message:**

1. Access the Voice message menu.
2. Select **[4] Announce msg..** The following display appears:



3. The Announce Message menu lists system events. Enable or disable each message announcement according to your customer request. The events list contains the following options:

Event	Default	
1) Intruder	Y	
2) Fire	Y	
3) Emergency	Y	
4) Panic	Y	
5) Auto Arm	Y	
6) Arm Process	Y	
7) Arm (Away)	Y	
8) Stay (Home)	Y	
9) Disarm	Y	
10) Entry	Y	
11) Menu	Y	(Refers to messages produced when using the keypad function keys)
12) New Trouble	Y	
13) Walk Test	Y	

4. Use the  key to select one of the following options:
 - ◆ **[N]**: To disable the Announcement message for the selected event.
 - ◆ **[Y]**: To enable the Announcement message for the selected event

Walk Test

The walk test enables the installer or the Grand Master to easily test and evaluate the operation of each zone in the system.



NOTE:

The difference between performing a walk test with an installer code compared to using the Grand master code relates to a tamper condition. A tamper during a Grand Master Walk Test will cause an alarm in the system while, a tamper during an Installer Walk test will only cause a message display.

➤ **To Perform a Walk Test**

1. Make sure that the system is disarmed.
2. From the User Functions menu, select **[4] Maintenance**.
3. Enter code and press .
4. Select **[2] Walk Test**. “**System in Test Mode**” announcement message is heard and the following display appears:

Start Walk test. Done, Hit a key

Walk throughout the protected area and make sure you test every zone in the system. During the Walk test, the WisDom will announce the zone number and zone label of any tripped zone, for example “**Zone 2, Entrance**”.

5. When done press any key. A list with the tripped zones during the walk test will be displayed.
6. Press  to confirm and exit the Walk Test mode. “**End of Test Mode**” announcement message will be heard.

Appendix A: Report Codes

This appendix provides descriptions of all the Report Codes sent to the Monitoring Station.

Report Code Programming for SESCOA SUPERFAST (03B1)

PROGRAMMED DIGITS	SESCOA CODE	EVENT REPORTING EVENT (RECOMMENDED)	ALPHA CODE
3A	DBD	Identified Opening	IOP
31	DCD	Identified Closing	ICL
32	9B9	Opening (Not Identified)	OP
33	9C9	Closing (Not Identified)	CL
34	CDA	24-Hour Report	24H
35	BAB	AC Fail	AC
36	EAB	AC Restoral	EAC
37	AEA	Low Battery	LO
38	EEA	Low Bat. Rest	ELO
39	DFF	Bell Trouble	dBL
4A	EFF	Bell Trouble Rest	EBL
41	DEE	Phone Trouble	dPL
42	EEE	Phone Trouble Rest	EPL
43	DDD	Duress	dU
44	EBA	Opening Out of Window	EOP
45	ECA	Closing Out of Window	ECL
46	CAC	Test	CH
47	Axx	Alarm	Axx
48	Dxx	Trouble	dxx
49	Exx	Restore	Exx
5A	Fxx	Alarm + Rest	Fxx

New Codes

If a new code, not supported by the Main Panel is required, it can be added to the list using the 'SPECIAL' programming item (up to 30 additional codes).

Report Code Programming for ADEMCO POINT (CONTACT) ID (0420)

PROGRAMMED DIGITS	ADEMCO CODE	EVENT REPORTING EVENT (RECOMMENDED)
3A	100	Medical Key
31	110	Fire Alarm
32	111	Smoke
33	115	Fire Key
34	120	Panic Key
35	121	Duress
36	122	Silent Alarm
37	123	Audible Alarm
38	130	Burglary
39	131	Perimeter
4A	132	Interior
41	133	24 Hour
42	134	Entry/Exit
43	135	Day/Night
44	136	Outdoor
45	137	Tamper
46	140	General Alarm
47	144	Sensor Tamper
48	145	Accessory Tamper
49	150	24 Hour Non-Burg.
5A	155	Foil Break
51	156	Day Trouble
52	300	Main Aux Trouble
53	301	Main AC Trouble
54	302	Main Battery Trouble
55	305	System Reset
56	321	Main Bell Trouble
57	330	Power Supply Trouble
58	333	BUS Communication Trouble
59	351	Main Phone Trouble
6A	373	Fire Trouble
61	380	Sensor Trouble
62	400	Arm/Disarm Out Of Window
63	401	User Arm/Disarm (with User ID)
64	402	User Arm/Disarm (Group No. + User ID)
65	403	Auto Arm/Disarm

PROGRAMMED DIGITS	ADEMCO CODE	EVENT REPORTING EVENT (RECOMMENDED)
66	407	Remote Arm/Disarm
67	408	Quick Arm
68	409	Keyswitch Arm/Disarm
69	411	Callback Request
7A	421	False Security Code
71	570	Zone Bypass
72	574	Forced Arm
73	602	Communication Test
74	143	Exp. Module Fail
75	307	Self-test Fail
76	334	Repeater Fail
78	355	Loss of Radio Supervision
79	381	Loss of Supervision RF
8A	384	Rx Transmitter Low Bat
81	406	Cancel
84	606	Listen-In to Follow
--	626	Clock / date trouble
--	625	Clock / date trouble restore
--	344	Receiver jamming trouble / restore
--	627	Program mode entry
--	628	Program mode exit

Report Code Programming for SIA (0700)

PROGRAMMED DIGITS	SIA EVENT CODE	EVENT
1E	AR	AC Restoral
1F	AT	AC Trouble
21	BA	Burglary Alarm
22	BC	Burglary Cancelled
23	BH	Burglary Alarm Restore
24	BJ	Burglary Trouble Restore
25	BT	Burglary Trouble
26	BX	Burglary Test
27	CA	Automatic Closing ('+ Area Number')
28	CF	Forced Closing
29	CG	Close Area ('System has been partly armed')
2A	CJ	Late Close
2B	CK	Early Close
2C	CL	Closing Report
2D	CP	Automatic Closing ('+ User Number')

PROGRAMMED DIGITS	SIA EVENT CODE	EVENT
2E	CS	Closing Keyswitch
2F	CZ	Point Closing
33	ET	Expansion Device Trouble
34	ER	Expansion Device Restoral
35	FA	Fire Alarm
36	FB	Fire Bypass
37	FC	Fire Cancel
38	FH	Fire Alarm Restoral
39	FJ	Fire Trouble Restoral
3A	FT	Fire Trouble
3B	FU	Fire Unbypass
3C	HA	Holdup Alarm ('Duress')
3D	HH	Holdup Alarm ('Duress') Restoral
3E	JA	User Code Tamper (False Code)
3F	JL	Event Logger Threshold
41	JO	Event Logger Overflow
42	JT	Time Changed
43	LB	Local Programming
44	LD	Local Programming Denied
45	LR	Phone Line Restoral
46	LS	Local Program Success
47	LT	Phone Line Trouble
48	LX	Local Programming Ended
49	MA	Medical Alarm
4A	MH	Medical Alarm Restore
4B	MJ	Medical Trouble Restore
4C	MT	Medical Trouble
4D	OA	Automatic Opening
4E	OC	Cancel Report
4F	OG	Open Area ('+ Area Number')
51	OJ	Late Open
52	OK	Early Open
53	OP	Opening Report
54	OR	Disarm from Alarm
55	OS	Opening Keyswitch
56	OZ	Point Opening ('+ Zone or Point')
57	PA	Panic Alarm
58	PH	Panic Alarm Restore
59	PJ	Panic Trouble Restore
5A	PT	Panic Trouble

PROGRAMMED DIGITS	SIA EVENT CODE	EVENT
5B	QA	Emergency Alarm
5C	QH	Emergency Alarm Restore
5D	QJ	Emergency Trouble Restore
5E	QT	Emergency Trouble
5F	RB	Remote Program Begin
61	RP	Automatic Communication Test
62	RR	Power Up
63	TA	Tamper Alarm
64	TR	Tamper Restoral
65	TX	Communication Test ('Manual or Automatic')
66	UA	Untyped Zone Alarm
67	UB	Untyped Zone Bypass
68	UH	Untyped Alarm Restore
69	UJ	Untyped Trouble Restore
6A	UR	Untyped Zone Restoral
6B	UT	Untyped Zone Trouble
6C	UU	Untyped Zone Unbypass
6F	XH	RF Interference Restoral
71	XJ	RF Receiver Tamper Restoral
72	XQ	RF Interface
73	XR	Transmitter Battery Restoral
74	XS	RF Receiver Tamper
75	XT	Transmitter Battery Trouble
76	YA	Bell Fault
77	YC	Receiver/Transmitter Communication Fail
78	YH	Bell Restoral
79	YK	Communication Restoral
7A	YM	System (Transmitter/Receiver) Battery Missing
7B	YP	Power Supply Trouble (Transmitter/Receiver)
7C	YQ	Power Supply Restored (Transmitter/Receiver)
7D	YR	System Battery Restoral
7E	YS	Communication Trouble (Transmitter/Receiver)
7F	YT	System Battery Trouble
81	BZ	Missing Supervision
82	BV	Intruder Verification
83	CI	Auto Arm Fail
84	LF	Listen-In Begin

Appendix B: Event Log Messages

This appendix provides descriptions of all the Event Log messages(ver 1.2xx)

EVENT MESSAGE	DESCRIPTION
Activate UO=X	UO XX activation
Actv UO=XX WB=YY	UO XX is activated from key-fob YY
Alarm Z=XXX	Alarm in zone No. XXX
Alarm abort P=X	Alarm aborted on Partition X
Arm:P=X WB=YY	Partition X armed by wireless key-fob YY
Arm:P=X C=YY	Partition X armed by user YY
Bell tamper	Bell tamper alarm
Bell Tamper rst	Bell tamper alarm restore
Box tamper	Box tamper alarm
Box Tamper rst	Box tamper alarm restore
Bypass Z=XXX	Zone No. XXX is bypassed
Chang code=XX	Changing user code by user XX
Chang phone=X	Changing MS telephone number X
Clock not set	Time is not set
Clock set C=XX	Time defined by user No. XX
Comm ok UO=X	Bus communication restore with X10 expander ID=X
CP reset	The system has reset
Date set C=XX	Date defined by user No. XX
Day arm:P=X	Daily Arm on Partition X
Day disarm:P=X	Daily Disarm on Partition X
Day home: P=X	Daily Stay (Home) Arming in Partition X
Disarm:P=X WB=YY	Partition X disarmed by wireless key-fob YY
Disarm:P=X C=YY	Partition X disarmed by user YY
Duress C=XX	Duress alarm from user No. XX
EE ac.upload	Load new parameters from PTM accessory
Enter program	Entering Installer programming from keypad or UD software
Exit program	Exiting Installer programming from keypad or UD software
F.tr ok Z=XXX	Trouble restore in Fire zone No. XXX
F.trouble Z=XXX	Trouble in Fire zone No. XXX
False code	False code due to 3 wrong attempts
False restore	False code alarm restore
Fire KP=XX	Fire alarm from wireless keypad XX (keys 3 & 4)
Fire main KP	Fire alarm from the WisDom fire emergency keys
Fire Z=XXX	Fire alarm in zone No. XXX
Foil ok Z=XXX	Restore in foil (Day) zone No. XXX
Foil Z=XXX	Trouble in foil (Day) zone No. XXX
Forced P=X	Partition X is force armed

EVENT MESSAGE	DESCRIPTION
Found Z=XXX	Wireless zone found, zone No. XXX
Func=XX C=YY	Quick key function XX by user YY
Home:P=X C=YY	Partition X is armed in Stay(Home) mode by user YY
Home:P=X WB=YY	Partition X is armed in Stay(Home) from key-fob YY
Jamming restore	Wireless jamming restore
Ksw arm:P=X	Partition X is armed by keyswitch
Ksw disarm:P=X	Partition X is disarmed by keyswitch
L.bat rstr WB=XX	Low battery trouble restore from wireless key-fob XX
LB rstr Z=XXX	Low battery restore from wireless zone No. XXX
Lost Z=XXX	Wireless zone lost, zone No. XXX
Low bat. WB=XX	Low battery trouble from wireless key-fob XX
Low bat Z=XXX	Low battery trouble from wireless zone No. XXX
Main: bell rs	Bell trouble restore
Main:AC Restore	AC power restore to the system
Main:AUX restore	Restore of Aux power
Main:Battery rst	System low battery trouble restore
Main:low AC	Loss of AC power from the system
Main:Low battery	System low battery trouble from the WisDom
Main:no aux	Failure in the system's Aux power
Main:no bell	Bell trouble
MS=X call error	Communication fail trouble to MS phone No. X
MS=X restore	Communication fail trouble restore to MS phone No. X
Next arm:P=X	Partition X armed in Next Arm(Away) mode
Next disarm:P=X	Partition X disarmed in Next Disarm mode
Next home: P=X	Partition X armed in Next Stay(Home) mode
No comm UO=X	Communication failure with X10 expander ID=X
Phone restore	Phone line trouble restore
Phone fail	If the phone line is cut or the DC level is under 3V
Police KP=XX	Police (panic) alarm from wireless keypad XX (keys 1 & 2)
Police main KP	Police (panic) alarm from the WisDom keys
Police WB=XX	Police (panic) alarm from key-fob XX
RF Jamming	Wireless system jamming
Remote home: P=X	Partition X armed in Stay(Home) mode from the UD software
Remote program	The system has been programmed from the UD software
Restore Z=XXX	Alarm restore in zone No. XXX
Remote arm:P=X	Partition X armed from the UD software
Rmt disarm:P=X	Partition X disarmed from the UD software
Spec. KP=XX	Special alarm from wireless keypad XX (keys 7 & 8)
Spec. main KP	Special alarm from the WisDom emergency keys
Soak fail Z=XXX	Zone XXX has failed in the Soak test
Start exit P=X	Exit time started in partition X

EVENT MESSAGE	DESCRIPTION
Tamper KP=XX	Tamper alarm from keypad ID=XX
Tamper UO=X	Tamper alarm from X10 expander ID=X
Tamper Z=XXX	Tamper alarm from zone No. XXX
Tamper rst KP=XX	Keypad XX tamper restore
Tamper rst UO=X	Tamper alarm restore from X10 expander ID=X
Tamper rs Z=XXX	Tamper alarm restore on zone No. XXX
Unbypass Z=XXX	Zone No. XXX is unbypassed

Appendix C: WisDom Accessories

Wireless Transmitters 868 MHz	Description
RWT92086800A	Wireless PIR detector 868 MHz
RWT92P86800A	Wireless PIR detector with pet immunity 868 MHz
RWT33S86800A	Wireless smoke detector 868 MHz
RWT72C86800A	Wireless door contact transmitter 868 MHz
RWT72M86800A	Wireless door contact + magnet transmitter 868 MHz
RWT72P86800A	Door / Shutter Wireless contact 868 MHz
RWT72X86800A	2 channel Shutter/Universal transmitter 868 MHz
RP128T4RC00A	4-button rolling code transmitter 868 MHz
RP128T4Z000A	4-channel button zone button transmitter 868 MHz
RWT50P86800A	Wireless panic button 868 MHz
RWT6SW486800A	Wireless Shock Detector 868 MHz , White casing
RWT6SB86800A	Wireless Shock Detector 868 MHz , Brown casing
Wireless Transmitters 433 MHz	Description
RWT90EUV2	Wireless PIR detector 433 MHz
RWT900433USA	Wireless PIR detector 433 MHz, USA version
RWT90PEU000A	Wireless PIR detector with pet immunity 433 MHz
RWT90P433USA	Wireless PIR detector with pet immunity 433 MHz, USA version
RWT30S433USA	Wireless smoke detector 433 MHz
RWT71EUV2	Wireless door contact transmitter 433 MHz
RWT71C433USA	Wireless door contact transmitter 433 MHz, USA version
RWT71EUMV2	Wireless door contact + magnet transmitter 433 MHz
RWT71M433USA	Wireless door contact+magnet transmitter 433 MHz,USA version
RWT71EUPV2	Wireless universal/shutter 433 MHz
RP296T4RC00A	4-button rolling code transmitter 433 MHz
RWT540000EUA	3 Channel button zone transmitter, 433 MHz
RWT50EUV2	Wireless panic button, 433 MHz
RWT6SW43300A	Wireless Shock Detector 433 MHz , White casing
RWT6SB43300A	Wireless Shock Detector 433 MHz , Brown casing
Keypads	Description
RWSALKWL100A	Wireless Keypad 868 MHz
RWSALKWL100H	Wireless Keypad 433 MHz
RWSALKWL1USH	Wireless Keypad 433 MHz, USA version
Wireless Repeaters	Description
RP128EWR000A	Wireless Repeater 868 MHz
RP296EWR000A	Wireless Repeater 433 MHz
RP296EWR0USA	Wireless Repeater 433 MHz, USA version

X-10 Module	Description
RP296XT	X-10 interface module
Installer Programming Tools	Description
RP128UDIN000A	Upload/Download Software CD
RP128EE000A	Program Transfer Module
RP296EBA	BUS adapter (cable) + 9/25 pin converter used for local PC-based Uploading/Downloading operations
RP128EUSB00A	USB 232 + PR296EBA for local use to connect between a PC USB port and the WisDom BUS connector

CE Declaration Of Conformity

Hereby, Rokonet Electronics Ltd, declares that these control panels (RWSAL0868xxA*, RWSALV868xxA*, RWSAL0433xxA*, RWSALV433xxA*), with wired accessories (including cables) and wireless accessories, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

*: xx represents a country or customer code and does not refer to xx=US option.

Telephone Connection (Ref.: FCC Part 68)

- 1** This equipment complies with Part 68 of the FCC Rules and the requirements adopted by the ACTA. On the bottom panel of this equipment is a label, that contains among other information, a product identifier in the format US:RISAL10BRWSALX433. If requested, this number must be provided to the telephone company.
- 2** This equipment is designed to be connected to the telephone network using a terminal block, RJ31X or RJ 11. See Installation Instructions for details.
- 3** A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
- 4** The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN of this alarm system is part of the product identifier that has the format US:RISAL10BRWSALX433.
- 5** If this equipment US:RISAL10BRWSALX433 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
- 6** The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- 7** If trouble is experienced with this equipment US:RISAL10BRWSALX433, for repair or warranty information please contact Rokonet Industries USA Inc 2822 NW 79th Ave. Miami, Florida 33122 USA, phone number 305 592 3820, URL: sales@rokonetusa.com. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- 8** Connection to party line service is subjected to state tariffs. Contact the state public utility commission, public service commission or corporation for information.
- 9** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment US:RISAL10BRWSALX433 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or qualified installer.

**Caution:**

To ensure proper operation, this equipment must be installed according to the enclosed installation instructions. To verify that the equipment is operating properly and can successfully report an alarm, this equipment must be tested immediately after installation, and periodically thereafter, according to the enclosed test.

**Note:**

Equipment must be installed according to the manufacturer instructions in order for the alarm dialing equipment to work properly when other equipment connected to the same line is in use. .

**Caution:**

Verification of the Line Seize capability should be made immediately after installation, and periodically thereafter, in order to ensure that this equipment can initiate a call even when other equipment (telephone, answering machine, computer modem, etc.) connected to the same line in use.

Supplier Declaration Of Conformity (SdoC)

31 May 2006

Rokonet Electronics Ltd., Located at 14 Hahoma Street, Rishon Lezion, Israel,
Hereby declare that the control panel, brand name WisDom,
p/n RWSAL0433USA, RWSALV433USA, bearing labeling identification number
US:RISAL10BRWSALX433 complies with the Federal Communications commission's
("FCC") rules and regulations 47 CFR part 68, and the Administrative Council on Terminal
Attachments ("ACTA") adopted technical criteria: TIA-968-A-1 TIA-968-A-2 and
TIA-968-A-3 Telecommunications – Telephone Terminal Equipment – Technical
Requirements for Connection of Terminal Equipment To the Telephone Network, March
2004.

David Kartoun
Chief Technical Officer
Risco Ltd.

RADIO FREQUENCY INTERFERENCE (Ref.: FCC Part 15, Para. 15.105)

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1 Reorient or relocate the receiving antenna.
- 2 Increase the separation between the equipment and the receiver.
- 3 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4 Consult the dealer or an experienced Radio/TV technician for help.

CHANGES OR MODIFICATIONS (Ref.: FCC Part 15, Para. 15.21 and 15.27)

Changes or modifications to this unit not expressly approved by Rokonet, Ltd., could void the user's authority to operate the equipment.

FCC Declaration of Conformity

We, the undersigned,

Company: Rokonet Industries U.S.A Inc.

Address: NW 79 Ave 2822, Miami, Florida 33122-1033,

Country: USA

Telephone number: 305 592 3820

Fax number: 305 592 3825

are the Responsible Party for this Declaration, certify and declare under our sole responsibility that the following equipment.

Brand	Type	Product description
Wisdom	RWSALV433USA RWSAL0433USA	Wireless alarm control panel (with or without voice module)

Complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Drawn up in: Miami , FL

On: 4/12/06

**Rokonet Industries USA
2822 NW 79th Ave
Miami, FL 33122**



S. Karas - President

Rokonet Limited Warranty

Rokonet Electronics, Ltd. and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 12 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any person; injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such will not occur or that there will be no personal injury or property loss as a result.

Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising from under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.

Contacting Rokonet

Rokonet Electronics Ltd. is committed to customer service and product support. You can contact us through our website (www.rokonet.com) or at the following telephone and fax numbers:

USA

Tel: (305) 592-3820

Fax: (305) 592-3825

United Kingdom

Tel: +44 (161) 655-5500

Fax: +44 (161) 655-5501

Italy

Tel: +39 (02) 392-5354

Fax: +39 (02) 392-5131

Spain

Tel: + 34 91 490-2133

Fax: +34 91 490-2134

Brazil

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