GSM WIRELESS DIGITAL ALARM SYSTEM

USER GUIDE

Please read it carefully before installation and operation

Your New Diamond Designs Alarm works with a GSM SimCard via the cellular phone，system to call up to 6 phone numbers with alarm information. Additionally your new alarm system will optionally send "Text Messages" via your local cellular system.

Installation & Instruction

This system requires a GSM SIM Card ，You can use either a prepaid minutes card or on a monthly service. It is Important That Your Cellular Alarm telephone number be kept confidential to protect your alarm system.

It is important that you carefully follow these installation instructions for the proper operation of your new alarm system.

1. Put the small GSM SIM Card in the slide tray as shown below and slide it into the slot PRIOR TO plugging in your alarm system.   This Is Important!

2. Install your alarm sensors according to your plan for protecting your property. Extra sensors are available. Once the sensors are installed be sure that they are activated to the "on" position.   Plug in a siren if you wish to use that feature.

3. Plug the supplied 110/120 or 220/240V power supply into an outlet and plus the barrel end of the power cord into the back

   of the alarm panel. The green POWER LED light will turn on.

4. The alarm system will now initialize and you will hear one "buzz" sound.

5. The alarm will auto-check the GSM network and log-on. Initialization time is about 1 minute. The red LED flashes as initialization proceeds.

6. As initialization is completed you will hear on long buzz sound, the ARM LED light stops flashing and is on continuously,

   This means the entire system is activated. Use your

key-fob off/on switch to immediately turn the system off.

7. If initialization is successful the red NETWORK LED will flash. If initialization failed you will hear a constant short buzz sound. This indicates that the SIM Card is out of network or the initialization was not correctly completed. Assure that your SIM Card is correctly installed and repeat steps #2 to #6.

8. Screw the antenna into the input jack of the GSM alarm panel.

ALARM SETUP (All THE SETTING SHOULD DISARM THE ALARM SYSTEM)

1. You have the option of setting up a 10 second recorded voice message which will be played when the alarm calls up to 6 phone numbers. Input with your alarm keypad the following: "#9*80 Password #". The original password is "1234", thus enter "#9*801234#" to record your message. The ARM LED will be constantly on. Face the GSM main panel from a distance of about 12 inches and record your message. Then press any key on your alarm keypad and you will hear one short and one long BUZZ. This indicates recording was successfully..

2. You can set up six (6) telephone numbers to be called by the alarm panel. To program the first telephone number input from your alarm keypad (suppose the telephone number is 555-1234) you would input the following with your alarm keypad: "#1*5551234#". The panel will make one short and one long BUZZ sound to indicate successful input or a continuous BUZZ sound if the input was not successful.

To input a second phone number your input would be "#2*5551235#", etc. To dial outside your local area code you will need to input the area code, i.e. "#2*18095551235#". If you are using a central monitoring station it may be best to program that phone number as #1.

3. To delete a telephone number from the calling sequence input on your keypad "#1*#" to remove the first stored telephone. Input "#2*#" to remove the second stored phone number, etc.

4. To program the keyfob and detectors by inputting "# + 9 + *+90+password (four digitals)+#", The original password is "1234", thus enter "#9*901234#" to program the keyfob and detectors,

5. Cancel the keyfob: # + 9 + * + 91+ password+ #.

6. Cancel other detectors: # + 9 + * + 92 + password +#

7. How to learn the wireless siren/Horn: Press "# + 9 + * + 93+ Code Number (The number on the flash siren-8 digitals) +#

8. The alarm siren can be plugged in for use inside or outside your protected premises or left unplugged for a "silent" alarm.

9. Setting Siren Reset time: You can customize the amount of time the siren will sound by inputting "#9*4?#" with the "?" indicating the number of minutes. For instance if you wish the siren to sound for 3 minutes prior to self-resetting then input "#9*43#". If you wish to have the siren sound continuously the input would be "#9*4*#". The siren will now sound continuously until you acknowledge the alarm and reset the system.

10. Password Setup: Your Diamond Design Alarm System comes coded with a default password of "1234". You should change your password to protect against unauthorized alarm changes.

To change your default password to "6789"enter the following on your keypad "#7*6789#. The password can be any 4 digit number

11. Your Diamond Design Alarm System can be programmed to work with many central alarm monitoring stations. You will be assigned a unique ID code by your central monitoring station which can be inputted to your alarm panel. To enter a 6 digit code of "123456" input the following on your keypad: "#8*123456#"

12. Text Message: Your Diamond Design Alarm will send a short text message to one telephone capable of receiving text messages (generally a cellular phone). To program this function input the following on your keypad: "#0*phone number#", for example, with "555-1234" being the phone number the input would be "#0*5551234#". If calling outside your local area you may need to add an area code, i.e. "#0*18095551234#". When an alarm is triggered the selected telephone will receive a short text message indicating that a specific zone has been triggered or that the power has been lost to the alarm panel or that the power has been turned back on. If you do not wish to use the text message function enter the following on your keypad "#0*#" to delete any previously selected telephone number.

13. It is important that you test your system once you have set it up to assure correct programming. You should test it several times to assure every possible function is working as you have directed. It is also important to test your system monthly to assure correct function.

14. You can activate your alarm system by pressing the "lock" symbol on your keyfob or by making a telephone call to your system as noted under "Remote Control Function".

15. System Recovery: Should you wish to return the alarm panel to it's original programmed configuration you should input the following on your keypad "#9*69Password#", if your password is "1234" then the command would be "#9*691234#". IMPORTANT: Press any keypad number once following system recovery. You will hear two BUZZ sounds if the recovery was successful, if the recovery failed the BUZZ will be continuous until you try again. This action will recover all original settings except your system password which will remain as you have previously set it.

When An Alarm Signal Is Received

1. When one of the sensors of your alarm system is activated the alarm panel led in the lower right area next to the word "ALARM" will begin to blink, immediately a cellular phone call will be made to the first programmed phone number and your voice message will be heard by

the answering party or coded message sent to your central monitoring station. The system will then proceed to call up to an additional 5 telephone numbers if you have programed it to do so. At the same time a text message indicating an alarm will be sent to the designated telephone.

2. If the first telephone number does not answer within 40 seconds the alarm panel will proceed to call the second listed telephone number and so forth until a call is answered and the alarm acknowledged.

16. To acknowledge an alarm you must press the "#" button of your telephone or you can de-activate the alarm system by pressing the "5" button of your telephone. You may press the "1" button to listen to the area around your alarm panel, or press "2" to turn on your siren (if programmed), or press "3" to turn off the siren (if programmed) or press "4" to activate the alarm system again. If you wish to hear your recorded message press the "*" key.

REMOTE CONTROL FUNCTION

1. Your Diamond Designs Alarm System is capable of being operated by remote control with most telephones with either telephone keypad commands or via text messages.

2. To control your alarm system via a telephone keypad first you must dial the telephone number of your system. After approximately 3/4 rings the system will answer and acknowledge you with one BUZZ sound. Input your 4 digit password and if correct, the alarm system will acknowledge with two BUZZ sounds. If the password is incorrect you will hear a continuous BUZZ. The alarm system will hang up if you input the wrong password three times. After hearing the two BUZZ sounds you can complete the following actions:

"1" is for listening for sounds in the protected area for 20 seconds, repeat for additional 20 second periods.

"2" will turn on the siren if it is programmed for this function

"3" will turn the siren off if it is programmed for this function

"4" will activate your alarm system

"5" will deactivate your alarm system

3. You can control your alarm system via a text message, however you must use the specific text order as shown with capital letters. The message is composted of your password plus The test messages are as follows:

Password+ARM (i.e. "1234ARM") Reply Message: "Host

Is Activated!"

Password+DISARM (i.e."1234DISARM") Reply Message: "Host Is Deactivated!"

Password+ONSIREN(i.e."1234ONSIREN")Reply Message: "The Siren Is Opened"

Password+OFFSIREN(i.e."1234OFFSIREN")Reply Message: "The Siren Is Closed"

Password+CHECK (i.e."1234CHECK")Reply Message:"Host Is Activated" OR "Host Is Deactivated",

depending on current status.

A/C Power Indication

a) If your system has an internal battery backup that is working properly and the a/c power supply is disturbed the alarm panel will automatically send a text message to the designated telephone that the "AC power shut off". Once the a/c power is back on it will automatically send a text message that "AC power recovered".

Notice

The Use of an alarm system is subject to a wide variety of factors which can affect the utility and effectiveness of the alarm system. we do not assume or represent the assumption any liability for

any loss resulting from the use of this alarm equipment. It is important that the user install the equipment properly, maintain

the equipment and operate the alarm system in an effective manner. The purchaser or user of this alarm equipment

agrees that the sole liability of us, which is limited to the

replacement of the alarm system should, in it's sole

judgment determine that such replacement is necessary.

Specifications: GSM main unit: 100-240AC/6DC, 2.5A.

Approx. Extended Antenna Receiving Distance: 100Yards

Without Signal Interference.

Stand-by current: \<90mA.

Alarm current: \<200mA.

Power Consumption: 0.5W.

Built-in Li-Ion Back Up Battery: 1800mA, 3.6V.