Exhibit E...............User's Manual

Midgard 2S wireless compact security series

Installation and user's manual

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Note: After acquiring this system, please read this manual carefully prior to installation and operate the system as instructed.
The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1. system introduction
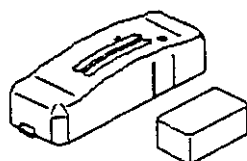
1-1 feature introduction

- capable of storing and dialing 4 sets of phone or pager number in any combination.
- capable of vocally reporting 4 different alarm situations.
- capable of line-seizure (no special telephone line required)
- built-in tamper alarm on detectors.
- built-in rechargeable battery in control unit capable of supplying power for 12 hours.
- battery-low indicator available on control unit & detector.
- 1,048,576 sets of system identification code available.
- capable of identifying up to 20 detectors.
- option of gas, smoke, and fire detectors through wireless transmitter linkage.
- touch-on backlight on control panel.
- inform monitor station of user's detector battery low and control panel main power lost.
- option of 3 alarm modes: "away", "home", and "disarm".
- option to enable or disable the alarm siren.
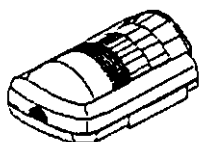- false-alarm-proof design on remote control.

1-2 list of components

Your midgard 2S package is composed of the following items:

ITEM	QTY	SELF-PREPARATION
Control unit	1	
PIR motion detector	1	9V battery
door/window transmitter	1	9V battery
key remote control		
12V DC adapter	1	
Accessory pack (screw...etc.)	1	

Table 1: list of components for Midgard 2S wireless compact security series
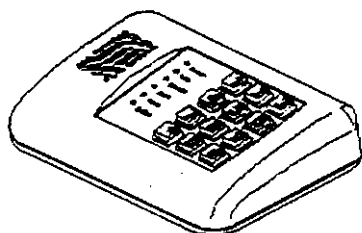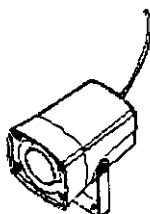
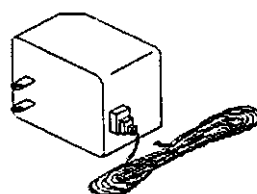Door/Window Transmitter PIR Motion Detector 3-Key Remote Controller
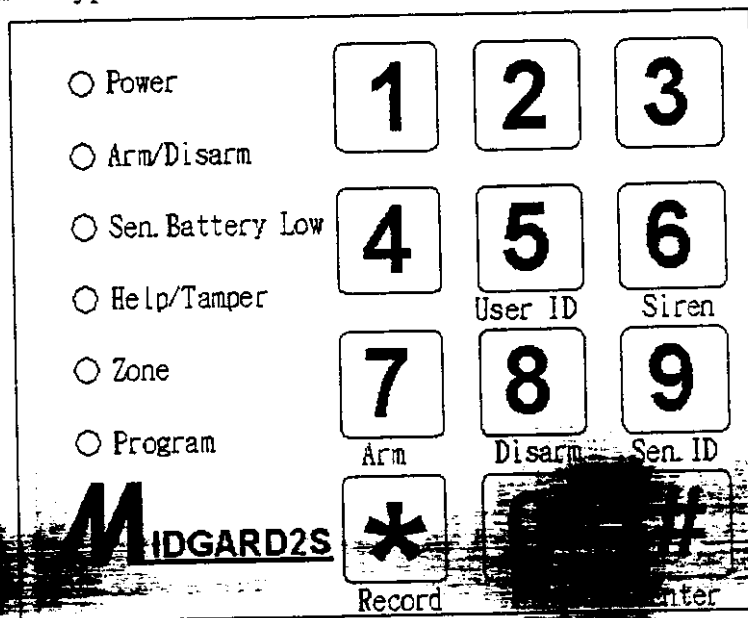
Control Unit Alarm Siren 12V DC Adapter

1-3 control unit keypad and LED indicator introduction

a. Power: the LED is consistently on when the system power supply is normal.

b. Arm/Disarm: the LED blinks when the control unit is in "away" mode.

the LED is consistently on when the unit is in "home" mode.

the LED is consistently off when the control unit is in disarm" mode.

c. Sen.Battery Low: the LED is consistently on when one or more detectors are low in battery.

d. Help/Tamper: the LED is on when the control unit receives emergency signal from the remote control unit or tamper signal from the detectors.

e. Zone: the LED is on when the control unit receives general alarm signal.

f. Program mode: the LED is on when the control unit is in program mode.

the LED blinks when the control unit is in voice record or playback operation.

2. midgard 2s usage

2-1 control unit usage

a. entering program mode:

access to the control unit is guarded by a 4-digit user ID (originally 0000). by entering this user ID. the control unit will be in program mode. to change the current alarm mode of the control unit. you will only be able to do so in the program mode by key-in the 4 digit user ID.

INPUT FORMAT: user ID + #

(the control unit is in program mode as the program LED turns on.)

b. changing telephone number:

INPUT FORMAT: user ID + N + M + telephone number

where N stands for a digit from 1 to 4, which represents the set number of phone numbers.

M stands for a digit from 1 to 3.

M=1 indicates the phone number is that of the monitor station. the control unit.

will send out emergency call in digital format. Assistance from your monitor station will be advisable.

M=2 indicates the phone number is that of a general one such as cellular phone, where vocal message is applicable.

M=3 indicates the phone number is that of a pager.

Note: when entering the phone numbers, each * (asterisk) is a special character that instructs the control unit to delay 3 seconds to send out the remaining phone numbers that come after the asterisk. (Telephone No. & * max 24 digit)

c. changing user ID:

for every brand new control unit, the user ID is "0000". however, you may change the user ID to any combination as desired.

INPUT FORMAT: (old) user ID + # + 5 + (new) user ID + #

d. enabling or disabling alarm siren:

INPUT FORMAT: user ID + # + 6

the beeping sound of "duh....duh" indicates that the alarm siren is enabled. by repeating the same input you will hear ~~~~ beeping sound of "duh" which indicates that the siren is in disabled condition

e. setting the control unit to "away"

INPUT FORMAT: user ID + # + 7 ~~~~

f. setting the control unit to "home" mode.

INPUT FORMAT: user ID + # + 7 + *

g. setting the control unit to "disarm" mode:

INPUT FORMAT: user ID + # + 8

h. recording:

for recording the address where MIDGARD 2S is installed. recording time is 24 seconds.

INPUT FORMAT: user ID + # + *

as soon as the input sequence is done, program LED blinks indicating that the control unit is recording. by facing the control unit, please proceed with making a 20 sec. long recording. when done, simply press any key to exit.

i. playback: (checking the recordings)

INPUT FORMAT: user ID + # + 0

the control unit will playback the recording so that you may know whether or not satisfied with the result.

j. setting the system in battery replacement mode:
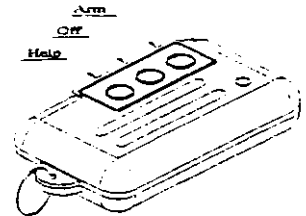   set the control unit in battery replacement mode before proceeding to do so.
    INPUT FORMAT: user ID + ✱
    as soon as the input sequence is done, the keypad backlight will blink and beep. press any key to exit
    from this particular mode.
k. disarm:
    when the system is in critical alarm situation, disable the alarm with the following means:
    (1) **using keypad: input user ID + #; or**
    (2) **using remote control: press the OFF button.**

2-2 remote control usage
 a. there are three buttons on the remote control: ARM, OFF, and HELP.
 b. ARM: whenever pressed, the control unit generates the beeping sound of "duh..duh" to
     indicate the initiation of "away" mode. A triple beeping sound of "duh..duh..duh" indicates the
     "home" mode.
     OFF: (1) whenever pressed, the control unit generates a single beep sound of "duh" and will
          immediately "disarm".
          (2) if the control unit ever reported any critical alarm situation, it will generate an iterated
          long-pitch beeping sound of "duh.......duh........" when this button is pressed.
          (3) if the control unit is reporting any critical alarm situation, it will generate an iterated short-
          pitch beeping sound of "duh.duh." when this button is pressed.
     HELP: whenever pressed, the control unit will immediately set for emergency call.
 c. this remote control is designed to be false-alarm-proof.   please press a button for about 2 seconds. the
     corresponding LED lamp will blink as an indication of signal being transmitted.

3. system setup
3-1 alarm
 a. system alarm determined by the alarm status of detectors and control unit.
 b. there are three alarm status for the detector: "instant", "delay 1", and "delay 2".
 c. there are three alarm status for the control unit: "away", "home", and "disarm".

3-2 modes of emergency call or reporting to police
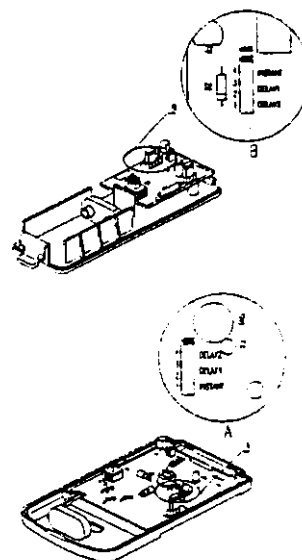   under different alarm status, different modes of emergency call will be made:
 a. if detector is set in "instant" mode, control unit will immediately make the emergency call.
 b. if detector is set in "delay 1" mode, control unit will delay the emergency call.
 c. if detector is set in "delay 2" mode, control unit will either delay the emergency call if the control unit
     is set in "away" mode or never make the emergency call if the control unit is set in "home" mode.
Note: However, there is an exception to all the rule of thumbs above.
    That is when the HELP button on the remote control is being pressed or the system being tampered.
    The control unit will then make the emergency call immediately.

3-3 detector setup
 a. setup of door/window transmitter
    after removing its upper case:
       place the housing at 1,2 (instant).
       place the housing at 2,3 (delay 1).
       place the housing at 3,4 (delay 2).
 b. setup of PIR motion detector
    after removing its upper case :
       place the housing at 1,2 (instant).
       place the housing at 2,3 (delay 1).
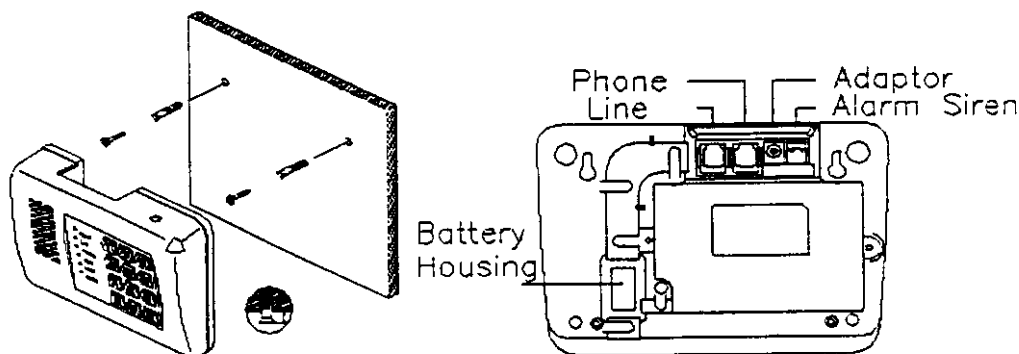   place the housing at 3,4 (delay 2).

3-4 replacing battery of detector
 a. After a period of operation (about a year), the power supplied to the detectors will be insufficient. Just check if the detector batter-low LED lamp is turned on. To find out which among the many detectors are low in battery, set the control unit in "disarm" mode and trigger the detectors by opening and closing door and window, moving around in front of a PIR motion detector.... Once the LED lamp on the detectors turns on, replace its battery.
 b. set the system in battery replacement mode (user ID + *) and then remove its case to replace the battery (see 2-1 j. for reference).
 c. the indication of battery-low are either the shortening of the effective distance of remote control or the less bright LED lamp.

4. Installing midgard 2S

4-1 installing control unit
 a. select mounting position: it is advisable to choose a place comfortable to operate the system and yet secluded enough. Moreover, the mounting height should be out of children's reach.
 b. take out the mounting card. place it at the position where the control unit will be placed. mark on the wall through the marking hole on the mount
 c. remove the mounting card and drill a hole with the dowel on each mark made.
 d. push the dowel into the hole and fasten the screw unto it. leave about 5mm of screw outside the hole to clip the control unit over it.
 e. double-check the connections (of the alarm siren, adapter, c.o. line) at the back of the control unit.

Phone Line   Adaptor
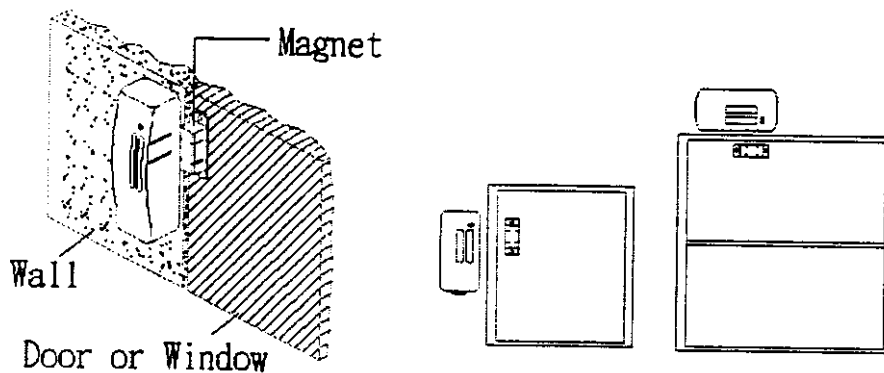   Alarm Siren
Battery
Housing

4-2 installing alarm siren

there is one high-pitch alarm siren included in the package. for each critical alarm situation, it generates a high-pitch sound of over 110 dB to attract attention from your neighborhood.

a. mount the alarm siren at the chosen position, adjust the alarm-siren to the desired angle.

b. connect the line to the socket at back of the control unit.

4-3 installing door/window transmitter

a. setup the alarm status as described earlier (see 3-3 a. for details).

b. put the battery in, place the case back. and make sure that the LED lamp is in the through hole of case.

c. put screws into the mounting position, leave 5mm of screw outside the hole to clip the transmitter over it.

d. line up the notches of reed switch with the notches of transmitter. make sure that the distance between them should be less than 2 cm without interfering the opening and closing of door and window.

e. take out the double sided tape from the accessory pack and stick it upon the proper position and fix the reed switch on it (with or without screw).
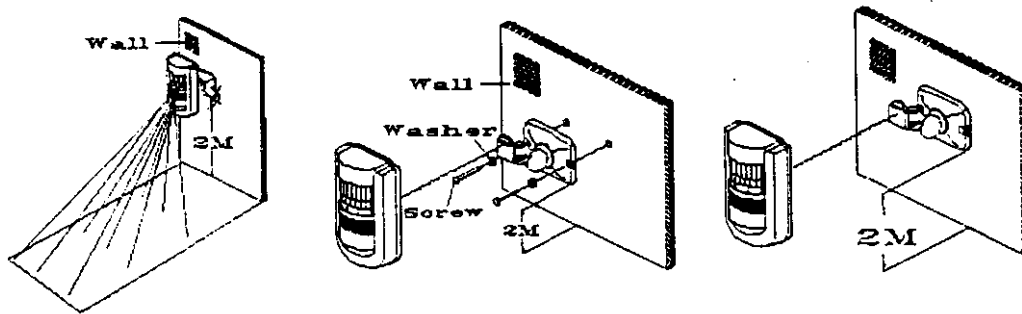

Magnet

Wall

Door or Window

4-4 installing PIR motion detector

the installation procedure is as follows:

avoid mounting the PIR motion detector nearby the air conditioner.

a. setup its alarm status as described earlier (see 3-3 b. for details).

b. put battery in and place the case back.

c. make sure that the mounting position is good enough for the PIR to cover the major pathway of your residence. mounting height should be around 2 m with an angle of 105 degrees.

d. fix the mounting bracket at the desired position with screws. clip the PIR motion detector over it. adjust the detector to the direction of surveillance. installation done.

＊ ＊ this product is designed for indoor use only.

THIS DEVICE 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.