GUARDPOST

Wireless Security System

Owner's Manual

Revision 1

Security Products

www.ness.com.au

Quality Endorsed Company
ISO9001
LIC.No. QEC2074
NSW Head Office only

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MADE IN AUSTRALIA

"Australia's largest designer and manufacturer of high quality security products"

FCC STATEMENT:

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause Interference to radio and television reception. It has been type tested. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is induced or eliminated.
- Move the receiver away from the security control.
- Move the antenna leads away from any wire runs to the security control
- Have the device or controller plugged into a different outlet so that it and the receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user or installer may find a booklet titled "Interference Handbook" prepared by the Federal Communications Commission helpful: This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or Users Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

GUARDPOST Wireless Alarm System with GSM Communicator FCC ID: O2K-106058
Contains GSM/GPRS Modem Transmitter Module FCC ID: MIVGSM0108
Wireless Mini Door & Window Switch Transmitter (RR1) FCC ID: O2K-106064
Wireless Universal Transmitter w/ext input & Vib analyser (RR2) FCC ID: O2K-106065
Wireless 4 Button Keyfob Transmitter (RK4) FCC ID: O2K-106068
Wireless 3 Button Keyfob Transmitter (RK3) FCC ID: O2K-MK304
Wireless 1 Button Bracelet / Neckless Panic Transmitter (RK1) FCC ID: O2K-106050
Wireless Emergency Button Transmitter (RPB) FCC ID: O2K-106054
Wireless Door Bell Button Transmitter (RDB) FCC ID: O2K-106056
Wireless PIR with Pet Immunity (R15PET) FCC ID: O2K-106051
Wireless PIR - Non Pet Immune (R15) FCC ID: O2K-SPIR304
Swivel Mounting Bracket for Wireless PIR FCC ID: N/A

WARNING

Installation and maintenance shall be performed by qualified service personnel only.

CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions on the battery.

N55

NESS SECURITY PRODUCTS
Australian Communications Authority
TELECOMMUNICATIONS COMPLIANCE

Guardpost Main Unit

Congratulations on selecting GUARDPOST to protect your family and home.

Your GUARDPOST with its "speak easy" technology is a revolutionary radio based state-of-the-art alarm system which has been built to the highest standards of industrial design and manufacturing.

The many sophisticated and innovative design features of the GUARDPOST make the system highly secure as well as being easy to use.

This Owner's Manual will help you identify the various parts of your GUARDPOST system and give you an overview of Operation and functions.

onboard siren / Speaker
Siren and spoken voice prompts.

GSM Communicator
(Internal).

Rechargeable Main Battery
(Internal).

Scrolling LED Display

Indicator LED
One flash every 5 seconds indicates normal Operation.

Control Buttons

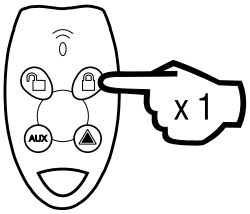
LEFT BUTTON	RIGHT BUTTON
Adjust Main Volume - Press x 1	Main Volume 1 – 4
Adjust Bell Type - Press x 2	Bell Type 1 – 3
Adjust Bell Volume - Press x 3	Bell Volume 1 – 4 – OFF

onboard Motion Sensor (PIR)

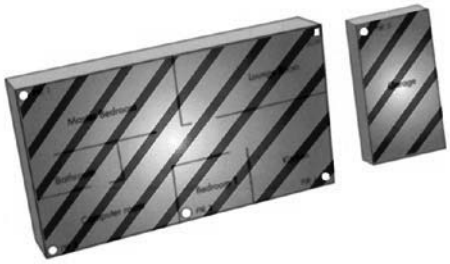
Emergency over-ride keyswitch

Operation

ARM

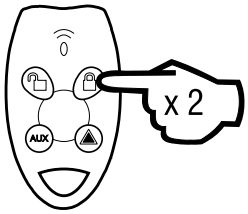


BUTTON
Press once.

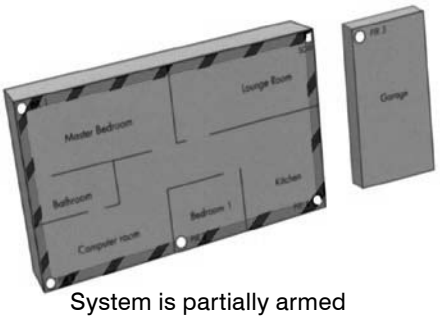


System is fully armed

STAY (IF ENABLED)

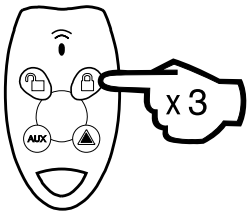


BUTTON
Press twice.

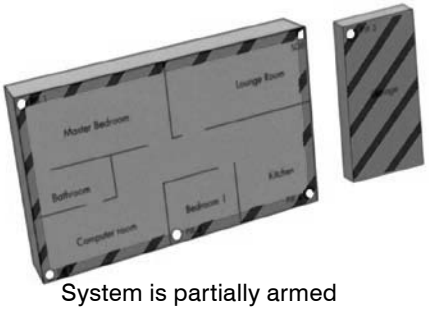


System is partially armed

STAY2 (IF ENABLED)

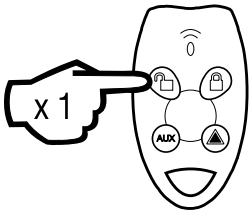


BUTTON
Press three times.

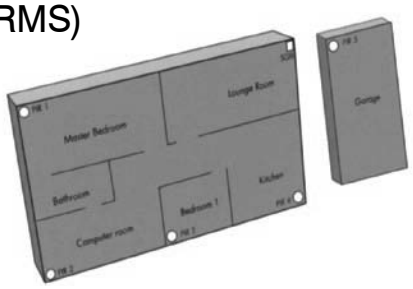


System is partially armed

DISARM (OR TO RESET ALARMS)



BUTTON
Press once.

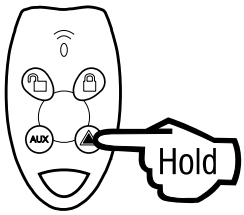


System is disarmed

In these example house plans Armed areas are shown shaed , Disarmed areas shown unshaded.

Operation

PANIC ALARM

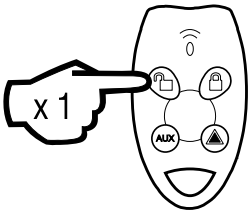


BUTTON
Press & hold for
4 seconds.

GSM
Communicator

Central
Monitoring
Station

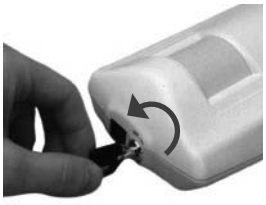
CLEARING DISPLAYS



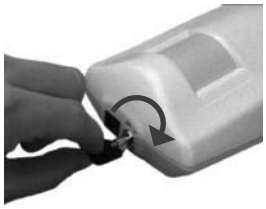
BUTTON
Press once.

To clear any display, press the Disarm button. To recall the display press Disarm again, (unless the display has been reset by arming and disarming.)

EMERGENCY OVER-RIDE KEY



GUARDPOST
POWER OFF
Turn the key counter clockwise.



GUARDPOST
POWER ON
Turn the key clockwise.

Only to be used if your remote radio Keys are lost. Insert key and turn counter-clockwise to disable the Guardpost. (Store these keys in safe, hidden place).

Main Unit Battery

LOW MAIN BATTERY

(Mains Powered Systems)

If your Guardpost has a permanent connection to mains power, the low battery condition may indicate that your Guardpost needs servicing. Contact your Guardpost installer.

LOW MAIN BATTERY

(Battery Powered Systems)

If your Guardpost does not run off mains power, the main battery will provide 3-4 month's Operation before it must be recharged.

When the "Low Main Battry" message is displayed you must charge the main battery.

Plug the charger into a 110V mains outlet and plug the charging connector into the Guardpost for 24 hours.

Connect the charger for 24 hours.
The red Indicator LED will be on while charging.

GSM Cellular Communicator

GSM Communicator
(Internal).

The Guardpost has an onboard GSM communicator which communicates with your central monitoring station using the GSM Cellular Telephone Network.

The communicator is setup and programmed by your installer at the time of installation. It does not need any maintenance but should be tested when you perform your regular system test.

The communicator needs an active GSM SIM card to operate.

Radio Key (RK4)

OPERATION

RK4 Radio Keys have four buttons for operating your Guardpost.

Press the button to Disarm the system or to silence alarms.

Press the button to Arm the system or press twice for HOME mode (if enabled on your system.)

Press the button to sound the Panic alarm.

Press the AUX button for auxiliary functions as programmed by your installer.

* Example device number

BATTERY REPLACEMENT

Your RK4 Radio Keys are sealed units with an expected battery life of 10 years. Low battery warning might indicate a battery fault or the battery has been depleted by continuous presses. Contact your Guardpost dealer for advice.

Motion Sensors (PIR)

OPERATION

The R12 and R15 PIR motion sensors can be added to the system to provide protection in additional rooms.

Maximum detection range is 40ft for the R12 and 50ft for the R15.

Leave the room.

Wait 5 minutes.

Red light indicates motion sensed.

BATTERY SAVING TIMER

The R12 and R15 PIRs have a unique battery saving feature which means you must wait 5 minutes between activations.

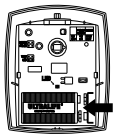
To test a PIR, leave the room for at least 5 minutes and then re-enter. The red light in the PIR will flash to indicate that it has sensed your motion into the room. If you don't see the red light you may not have waited long enough - try again.

* Example device number

BATTERY REPLACEMENT

The R12 and R15 use an Ultralife U9VL 9V battery.

Slide battery compartment cover down.



Remove the battery by pushing in the direction of the arrow.

Insert the new battery. Ultralife U9VL 9V battery

R12

The R12 has a sliding battery compartment on the front of the sensor. Slide the battery compartment cover downwards to expose the battery.

Insert a new Ultralife U9VL 9V battery and then test the sensor.

Unclip cover at the bottom.

Remove the cover.

Insert the new battery. Ultralife U9VL 9V battery

R15

The R15 battery is inside the sensor. Carefully lift off the sensor's cover by unclipping at the bottom using a flat-bladed screwdriver or blunt knife.

Insert a new Ultralife U9VL 9V battery and then test the sensor.

Radio Reed Switch (RR1)

OPERATION

Radio Reed Switches can be installed on windows and doors to detect opening.

* Example device number

Open here.

Slide battery out.

Insert the new battery. CR2477 3V Lithium battery.

BATTERY REPLACEMENT

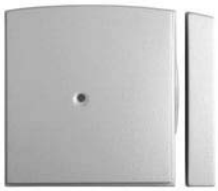
Carefully lift off the reed switch cover by unclipping at the bottom using a flat-bladed screwdriver or blunt knife.

A warning sound will be heard when opening the case - this is normal.

Insert a new CR2477 3V Lithium battery and then test the reed switch.

The new battery must be inserted in the battery clip with the positive (+) side up.

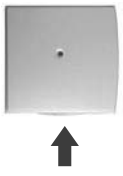
Universal Transmitter (RR2)



OPERATION

Universal Transmitters can be used as window and door switches (same as the Radio Reed Switch) or as a transmitter for other devices as arranged by your installer.

* Example device number



Open here.

Remove the cover.

Insert the new battery. Ultralife U9VL 9V battery

BATTERY REPLACEMENT

Carefully lift off the Universal Transmitter cover by unclipping at the bottom using a flat-bladed screwdriver or blunt knife.

A warning sound will be heard when opening the case - this is normal.

Insert a new Ultralife U9VL 9V battery and then test the transmitter.

Radio Door Bell (RDB)

OPERATION

Press the Door Bell button to sound the sound the door chime at the Guradpost main unit.

* Example device number

BATTERY REPLACEMENT

Carefully lift off the RDB Door Bell unit's cover by unclipping at the bottom using a flat-bladed screw-driver or blunt knife.

Insert a new CR2032 3V Lithium battery and then test the sensor.

The new battery must be inserted in the battery clip with the positive (+) side up.

Open here.

Remove cover.

Insert the new battery. CR2032 3V Lithium battery.

Radio Panic Button (RPB)

OPERATION

Press the red Panic button to sound the Panic alarm. (As programmed by your installer.)

* Example device number

BATTERY REPLACEMENT

Carefully lift off the Panic Button's cover by unclip-ping at the bottom using a flat-bladed screwdriver or blunt knife.

Insert a new CR2477 3V Lithium battery and then test the sensor.

The new battery must be inserted in the battery clip with the positive (+) side up.

Open here.

Remove cover.

Insert the new battery. CR2477 3V Lithium battery.

Battery Specifications

GUARDPOST BATTERY SPECIFICATIONS

PART NO.	MODEL	BATTERY
GUA	GUARDPOST MAIN UNIT	12V 3Ah Sealed Lead Acid (Gel) Battery
RK4	Radio Key - 4 button	Sealed housing, not user serviceable
R12	R12 PIR Motion Sensor	Ultralife U9VL 9V battery
R15	R15 PIR Motion Sensor	Ultralife U9VL 9V battery
RPB	Radio Panic Button	CR2477 3V Lithium battery
RR1	RR1 Radio Reed Switch	CR2477 3V Lithium battery
RR2	RR2 Universal Transmitter	Ultralife U9VL 9V battery
RDB	RDB Radio Door Bell	CR2032 3V Lithium battery

Transmitter Specifications

TRANSMITTER SPECIFICATIONS (ALL MODELS)

MODULATION	100% AM (On Off Keyed)
FREQUENCY	303.85 Mhz
POWER	< 10uW

NESS GUARDPOST MANUAL This revision May 2007

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