

# ***NESS*** **GUARDPOST**

WIRELESS SECURITY SYSTEM  
WITH GSM MONITORING



Owner's Manual



# Guardpost Main Unit

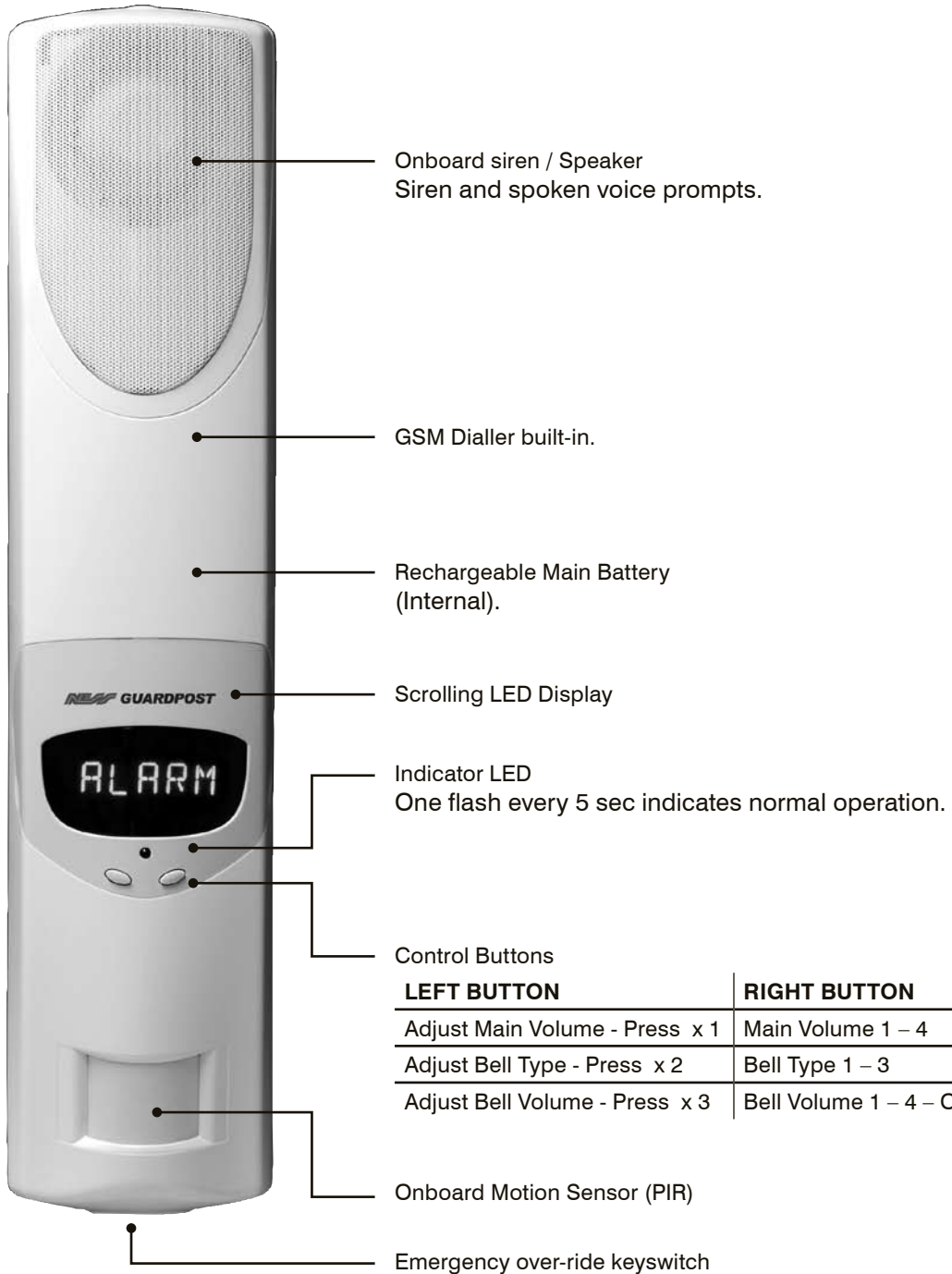
Congratulations on selecting GUARDPOST to protect your family and home.

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.

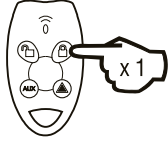
This Owner's Manual will help you identify the various parts of your GUARDPOST system and give you an overview of operation and functions.



# Operation

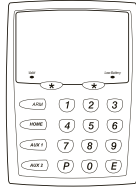
## ARM

By Radio Key

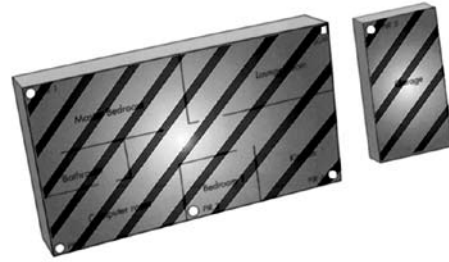


 **BUTTON**  
Press once.

By Radio Keypad



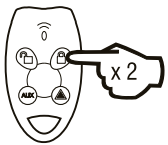
press **ARM** + [User Code] + **E**



System is fully armed

## HOME MODE (If enabled)

By Radio Key

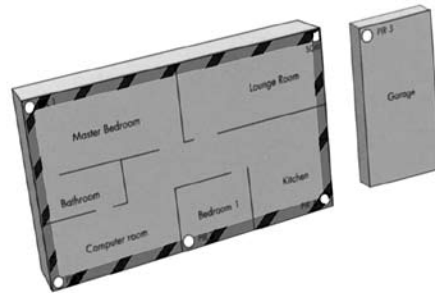


 **BUTTON**  
Press twice.

By Radio Keypad



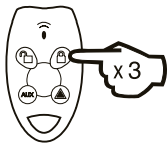
press **HOME** + [User Code] + **E**



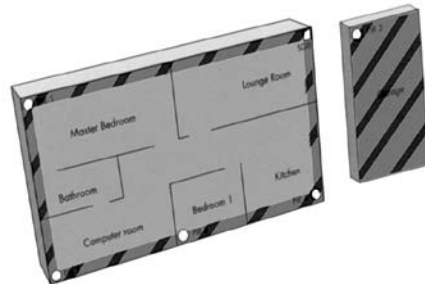
System is partially armed

## HOME2 (If enabled)

By Radio Key



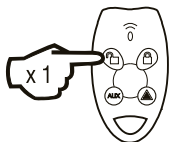
 **BUTTON**  
Press 3 times.



System is partially armed

## DISARM (or to reset alarms)

By Radio Key

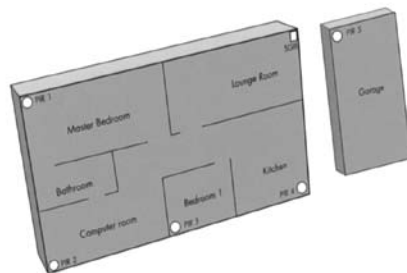


 **BUTTON**  
Press once.


By Radio Keypad



press [User Code] + **E**



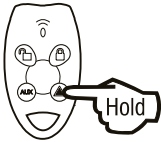
System is disarmed


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

# Operation

## PANIC ALARM



By Radio Key



 **BUTTON**  
Press & hold for  
4 seconds.

By Radio Keypad



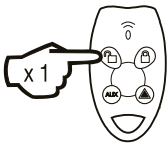
Press both    
star keys together

Alarm



 GSM Dialler  
to Monitoring  
Station

## CLEARING DISPLAYS



 **BUTTON**  
Press once.

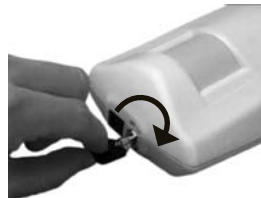
To clear any display,  
press the Disarm button  
on a Radio Key. To recall  
the display press Disarm  
again, (unless the display  
has been reset by arming  
and disarming.)



## EMERGENCY OVER-RIDE KEY



**GUARDPOST  
POWER OFF**  
Turn the key anti-  
clockwise.



**GUARDPOST  
POWER ON**  
Turn the key clockwise.

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

## 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 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 Ness or your Guardpost dealer for advice.

## Radio Keypad (RKP)



### OPERATION

RKP Radio Keypads have a full PIN pad for operating your Guardpost using 3 to 6 digit user codes. Your installer will set up and program the RKP to suit.

#### Buttons

- Used with your user code to arm the system.
- Used with your user code to arm Home mode.
- Enter button, used when arming and disarming.
- (Press together) Sounds the Panic alarm.
- Not used.
- Used by your installer only.

#### Lights

- Valid: Flashes once when a valid radio signal is sent to the Guardpost.
- Low Battery: If flashing indicates that the RKP's internal battery is low. Replace the battery.



\* Example device number



Insert the new high energy Lithium 9V battery.

### BATTERY REPLACEMENT

Carefully open the RKP Radio Keypad by pushing both tabs at the top of the unit using a flat-bladed screwdriver or blunt knife.

Insert a new high energy Lithium 9V battery and then test the sensor.

## Main Unit Battery



### LOW MAIN BATTERY (Battery Powered Systems)

Your Guardpost 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 mains power 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.

## Motion Sensors (PIR)

### OPERATION

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

Maximum detection range is 15m.



### BATTERY SAVING TIMER

The PIR motion sensors have a unique battery saving feature which greatly extends battery life.

The Battery Saving Timer conserves the PIR battery by preventing activation when it detects continuous motion, such as in a busy room during the day.

The timer 'wakes' the PIR only when there has been no motion for 5 minutes. **The PIR will ignore any motion if the timer has not expired. This is normal operation!**

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.



Leave the room.



Wait 5 minutes.



Red light indicates motion sensed.



\* Example device number

### PIR BATTERY REPLACEMENT

The PIR motion sensors use a high energy Lithium 9V battery.



Unclip cover at the bottom.



Remove the cover.



Insert the new high energy Lithium 9V battery.

## Radio Door Bell (RDB)



### OPERATION

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



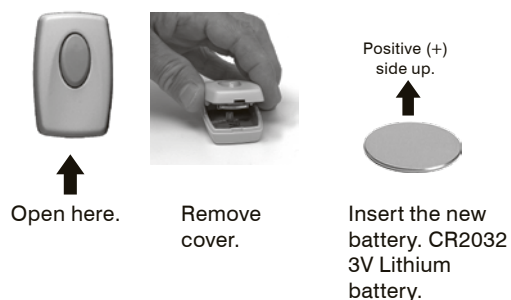
\* Example device number

### BATTERY REPLACEMENT

Carefully lift off the RDB Door Bell unit's cover by unclipping at the bottom using a flat-bladed screwdriver 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.



## Radio Panic Button (RPB) Optional



### OPERATION

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



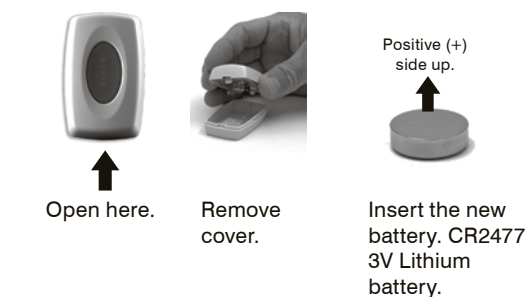
\* Example device number

### BATTERY REPLACEMENT

Carefully lift off the Panic Button's cover by unclipping 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.



## Radio Reed Switch (RR3)

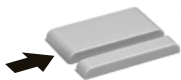


### OPERATION

RR3 Radio Reed Switches can be installed on windows and doors to detect opening.



\* Example device number



**RR3**  
Open here.



Lift battery out.

Positive (+) side up.



Insert the new battery. CR2032 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.

Insert a new CR2032 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) Optional



### OPERATION

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

The RR2 also has an onboard vibration analyser with sensitivity adjustment. This allows optional Nessen-sor™ vibration sensors to provide wireless protection of door and window frames, works of art, jewellery cases, safes and other valuables.



\* Example device number



Open here.



Remove the cover.



Insert the new high energy Lithium 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 high capacity Lithium 9V battery and then test the transmitter.

## Radio Smoke Detector



### OPERATION

The Guardpost Radio Smoke Detector (RSM) is a photoelectric smoke detector and on-board radio transmitter are powered by a single 9V Lithium battery (supplied).

Alarm signals are delayed by 10 seconds before being sent to allow the on-board sounder to be tested without triggering the alarm system.



### TESTING

To test the sounder press and hold the Test button for at least 2 seconds.

If you hold the Test button for longer than 10 seconds it will also send an alarm signal to the Guardpost.



\* Example device number

### BATTERY REPLACEMENT

Remove the detector from its base by twisting anti-clockwise. Replace the battery with a high energy Lithium 9V battery.

Make sure the red safety bar in the battery compartment folds down under the new battery. The safety bar ensures that the smoke detector cannot be connected to the base without the battery fitted.

To replace the detector on the base, line up the slot on the detector with the alignment arrow on the base and twist the detector clockwise to lock it in. Test the smoke detector.



Twist off.

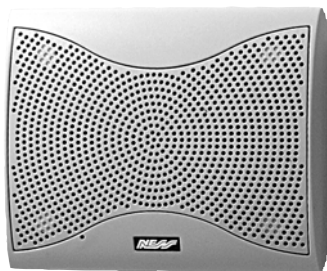
Insert the new high energy Lithium 9V battery.

### NOTICE

The RSM radio smoke detector is intended for use as an optional and supplementary smoke detection system in addition to existing smoke alarms as required by relevant building codes.

If there is any doubt as to the suitability of this device for a particular application it is recommended that you seek advice from the appropriate authorities or professional fire protection services.

## Radio Siren



### OPERATION

The Radio Siren may be installed inside the premises to provide an extra loud noise deterrent in the event of an alarm.

The Radio Siren is powered by a plug pack which must always remain on at the power point.

## Back-To-Base Monitoring

### GSM DIALLER

Your Guardpost has a GSM Dialler which communicates with your Monitoring Station using the GSM Mobile Telephone Network. This means you don't need a telephone landline for monitoring.

The dialler 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.

GSM monitoring needs an active mobile phone SIM card to operate - as well as a monitoring account with a monitoring company.

### MONITORING STATION



Wireless communication to central monitoring station via GSM.



# Battery Specifications

## GUARDPOST BATTERY SPECIFICATIONS

MODEL	BATTERY
GUARDPOST MAIN UNIT	12V 3Ah Sealed Lead Acid (Gel) Battery
Radio Key - 4 button	Sealed housing, not user serviceable
Radio Keypad	High energy Lithium 9V battery*
R15 PIR Motion Sensor	High energy Lithium 9V battery*
Radio Smoke Detector	High energy Lithium 9V battery*
Radio Panic Button	CR2477 3V Lithium battery
RR3 Radio Reed Switch	CR2032 3V Lithium battery
RR2 Universal Transmitter	High energy Lithium 9V battery*
RDB Radio Door Bell	CR2032 3V Lithium battery

\* Use only high energy Lithium 9V batteries. Carbon or alkaline batteries are not recommended.

Made In Australia by:



GUARDPOST USER'S MANUAL  
GSM models

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