Guardall

Rascal Super
## User Manual

Contents

1. Introduction

The Rascal Super electronic intruder alarm system uses microprocessor technology to give you a security system that is flexible to use and which is suitable for all domestic applications.

The system comprises a main control unit which houses the main printed circuit board and power supply. The main control unit has an on board keypad for everyday use or programming. Up to 3 additional remote keypads can be fitted to the system. The keypad(s) provide the operator with the means to set and unset the system and to programme the various operator functions described.

The control panel and the keypads are provided with 8 Led's for system status and alarm information.

Operator Controls and Displays
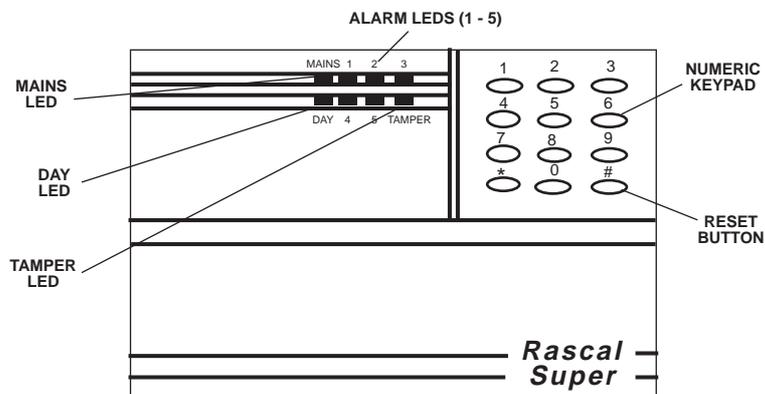
Operator Codes

Setting and unsetting of the system is normally inhibited unless a Personal Identification Number (PIN) comprising of four digits is entered via the keypad.

The system is designed to recognise one PIN which may be changed at any time by the user.

Up to three optional keyswitches may be fitted to the system. This facility permits the keyholder to full set, part set or unset the system. It does not allow access to other system functions.

2. Normal Setting (Full Set)

Ensure all windows and doors are secure, check that all movement detectors are not obstructed and proceed as follows.

Enter the four digit PIN code. The buzzer emits a steady tone. Leave the building by the designated exit route. The system will set when the final door is closed and the exit time expires.
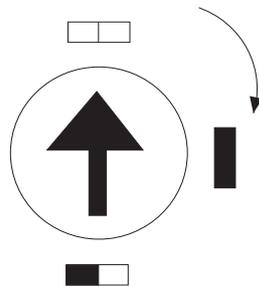
3. Setting with Circuits Open

Should the user try to set the system with the circuits open, the system will not set. The buzzer will emit a pulsed tone and the LED will flash for the open circuit. Enter the four digit PIN code or press the # to abort setting. Investigate the cause of the problem and clear the alarm. Once cleared start the setting procedure. If you do not abort the setting procedure before the exit time expires the internal buzzer will sound. Enter the four digit PIN, the relevant LED will flash, re-enter your PIN code and press the # key to reset.

4. Keyswitch Setting

Your system may be fitted with an optional three-position keyswitch which permits setting and unsetting of the system.

The following describes setting the system using the keyswitch.

Insert the key and turn the key clockwise to the ▮▮▮▮ marking. Remove the key and leave the premises by the designated exit route. The system will automatically set on expiry of the exit time.

Keyswitch Setting with Circuits Open

Should the user try to set the system with any circuits open, the system will not set. The buzzer will emit a pulsed tone and the LED will flash for the open circuit.
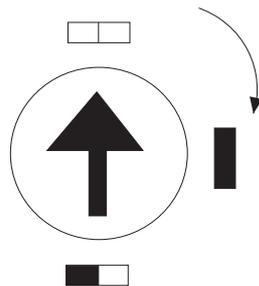
Turn keyswitch on to ▮▮▮▮ marking. Buzzer emits a pulsed tone.
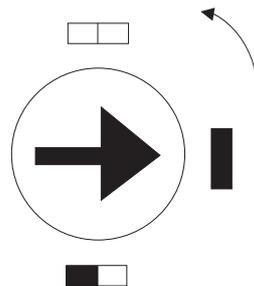
Turn keyswitch to the ▭▭ marking and Clear the open circuit indicated by the flashing LED.

After clearing the open circuit the control panel can now be set. Turn keyswitch to ▮▮▮▮ and leave the building by the designated route. The system will set when the exit time has expired.
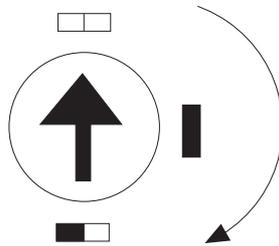
5. Part Setting

The part set function allows the user to set part of the system, while leaving certain circuits isolated.

Enter the four digit PIN code then press the * key followed by the '0' key. The buzzer will change tone and the LED's for the isolated circuits will flash. The part guard exit time will now commence and once expired the system will part set.

If your system has not been programmed for part set then an error tone will sound.

Part Setting with Keyswitch

Your system can be part set via the keyswitch, this is achieved as follows.

Insert the key and turn clockwise to the ▮▯ markings. The LED for the part set isolated circuits will flash. Remove the key and the part set exit time will commence. Once the exit time is complete the panel will part set.

6. Home Setting

The Home set function allows the user to isolate circuits and set part of the system.

Enter the four digit PIN code the press the * key followed by the '6' key. The buzzer will change tone and the LED's for the isolated circuits will flash. The part guard exit time will now commence and once expired the system will Home set. If your system has not been programmed for Home set an error tone will sound.

Note : Home set cannot be achieved via the keyswitch.

7. Setting with Isolated Circuits

The user can isolate circuits on setting the system providing the circuits have been programmed to isolate, proceed as follows.

Enter the four digit PIN code, then press the * key followed by the number for the circuit you wish to isolate. Once a circuit has been isolated the relevant LED for that circuit will flash. The exit time will now commence and once completed the system will set.

If circuits are not programmed to be isolated then an error tone will be generated and the exit time will continue.
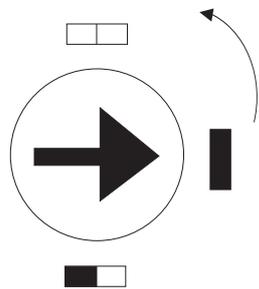
8. Unsetting the System

On entering the premises the buzzer will emit a continuous tone. Proceed immediately to the keypad via the designated entry route and unset the system as follows.

Enter the four digit PIN code within the preset entry time. The buzzer will stop and the system will revert to 'DAY' mode. If the entry time has less than 10 seconds remaining a 'Hurry Up' tone will be emitted.

Unsetting via the Keyswitch

On entering the premises the buzzer will emit a continuous tone. Proceed to the keyswitch via the designated entry route and proceed as follows.

Insert the key and turn the key back to the marking. The buzzer will stop and the system will revert to 'DAY' mode.

9. Unsetting After an Alarm

On entering the premises after an intrusion a full alarm condition will exist. To clear the alarm proceed immediately to the keypad via the designated entry route and proceed as follows.

Enter the four digit PIN code, the buzzer will emit an alternating two tone sound, the LED for the circuit which first caused the alarm will be 'ON' and any subsequent alarm will be shown by a flashing LED. Re-enter the four digit PIN code and press # key to reset the system.

If a reset is not allowed an error tone will be generated. Call your alarm installer for an engineer reset.
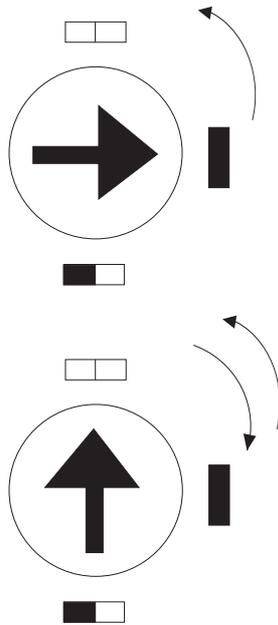
Unsetting After an Alarm via Keyswitch

On entering the premises after an intrusion a full alarm condition will exist. To clear the alarm proceed immediately to the keypad via the designated entry route and proceed as follows.

Insert the key and turn anticlockwise to the ▭▭ marking. The buzzer will emit an alternating two tone sound. The LED for the circuit which caused the first alarm will be 'ON'.

Turn the key clockwise to the ▬ marking and then back to the ▭▭ marking to reset the system.

10. Chime Setting

The chime function is only available if it has been programmed for the circuits at installation. To switch the chime function 'ON' or 'OFF' proceed as follows.

Enter the four digit PIN code then press the * key followed by the '9' then the '5' key. Any circuits that have chime 'ON' will have the relevant LED 'ON'. To turn chime 'ON' or 'OFF' press the key for the circuit you require to change. Press the * key to exit chime. If chime is not available then an error tone will be generated.

11. Changing the PIN Code

Enter the four digit PIN code then press the * key followed by the '9' then the '1' key. The right hand four LED's will be 'ON'. Enter your new four digit PIN code. As each number is accepted an LED will go out. If your new code has been accepted then an accept tone will be generated. If the new code is not accepted an error tone will be generated and you must pick a new code. Until the accept tone is generated your old PIN code is still valid.

12. Reviewing the Event Log

With the system in the 'DAY' mode the user can review the event log. The event log is organised into 'SET' and 'UNSET' events. The log will show the first to alarm and subsequent alarms as well as isolated circuits. First to alarm is shown by the relevant LED being 'ON'. Subsequent alarms are shown by the relevant LED flashing and isolated circuits are shown by the relevant LED pulsing slowly.

The buzzer will sound whilst reviewing the 'SET' logs and the 'DAY' LED will be 'ON' whilst reviewing the 'UNSET' logs. To view logs proceed as follows.

Enter the four digit PIN code then press the * key followed by the '9' then the '3' key. The log routine will start with 'DAY 1 SET'. The remaining logs are viewed by pressing the relevant key '2' for 2nd event '3' for 3rd etc. on to log 9. Pressing the '0' key gives the last to alarm condition. To exit the logs press the * key.

The # key will alternate between 'SET' and 'UNSET' logs and can be used at anytime.

The log will automatically be exited if no keys are pressed for 30 seconds.

13. Sounder, Buzzer, Strobe & LED Test

Enter the four digit PIN code then press the * key followed by the '9' key. The buzzer will stop, all the LED's will be 'ON' after 10 seconds the LED's will go 'OFF'. After the LED test the buzzer will sound for 5 seconds followed by the sounder and then the strobe. After the test the buzzer will emit an accept tone and revert to 'DAY' mode. The test can be terminated at any time by pressing the * key.

14. System Walk Test

The user can "Walk Test" the system and test the operation of each detector circuit (with the exception of personal attack and fire circuits) as follows.

Enter the four digit PIN code then press the * key followed by the '9' then the '4' key. The buzzer will emit a low level steady tone. As each device is walk tested the internal buzzer will give a loud pulsing tone to indicate correct operation of the device.

To exit walk test press the * key.

15. Daytime Tamper Alarm

 The system automatically monitors the control panel, remote keypads, the external sounder and all systems wiring and will automatically generate an alarm if an attempt is made to interfere with any of these. However, if an attempt occurs during the 'DAY' mode then a local alarm only is generated and the tamper LED will be 'ON'. To reset the system proceed as follows.

Enter the four digit code. This will silence the buzzer and a two tone alternating sound will now be emitted signifying a reset is required. Press the # key to reset the system.

Daytime tamper can also be reset via a keyswitch. Proceed as follows.
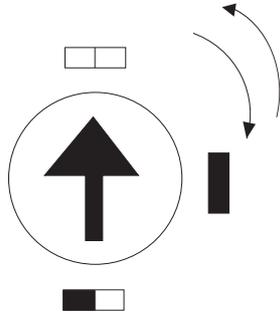
Insert the key and turn clockwise to the ▮▮ marking, then back to the ☐☐ marking. This will silence the buzzer.
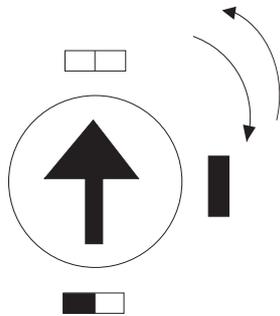
To reset the system and silence the two tone alternating sound and clear the tamper LED turn the key clockwise to the ▮▮ marking and then back to the ☐☐ marking. This will reset the system.

16. Your Circuit Description

Circuit	Alarm	Part Set	Home Set	Fire	PA	24 Hr	Isolate Allowed	Chime
1								
2								
3								
4								
5								

Installed By (Engineer Signature)...

Date Completed..

Exit Time...

Entry Time..

Bell Duration.....................................