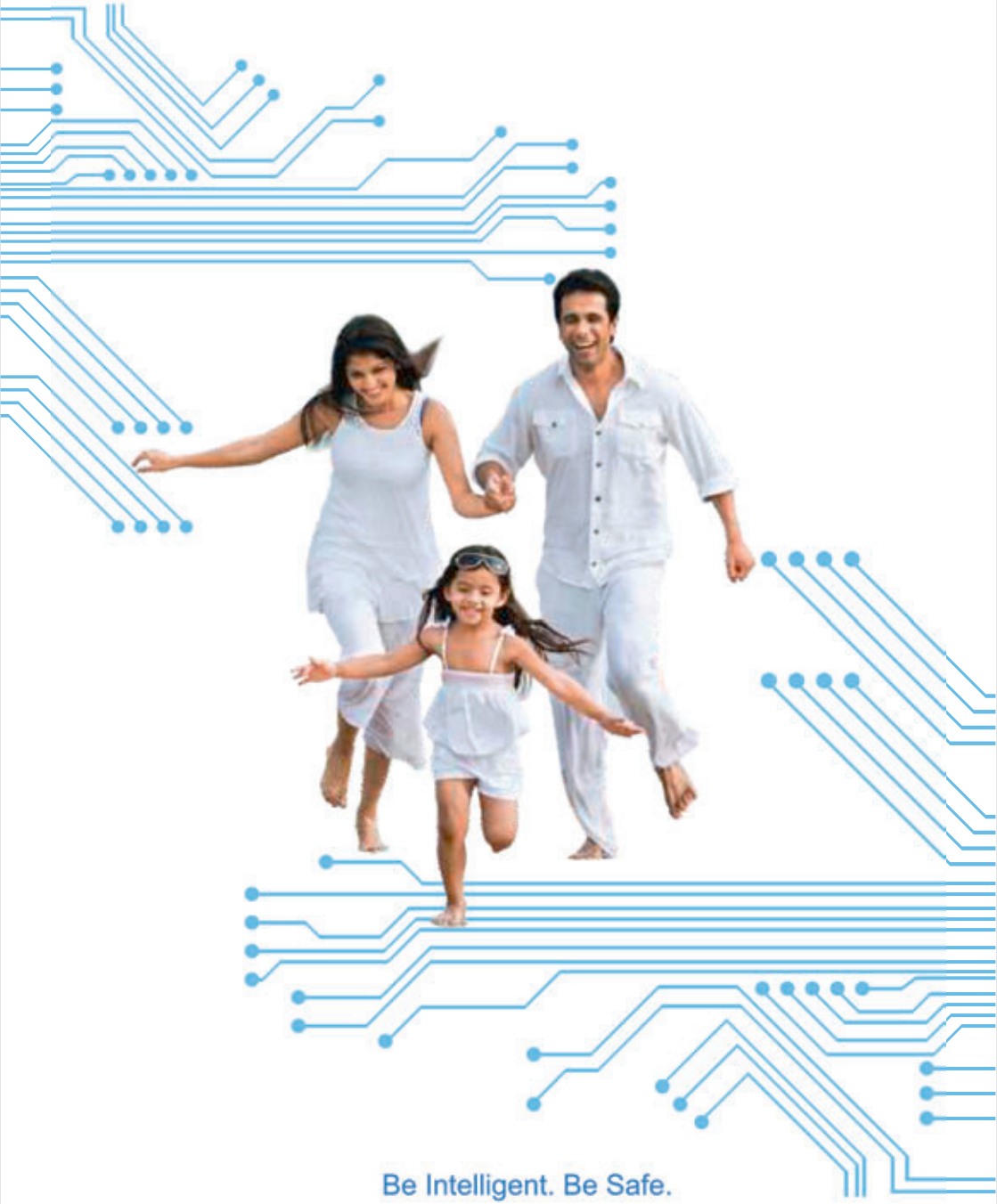
Godrej | SECURITY SOLUTIONS

User Instructions

MATRIX

Self Contained
Wireless Alarm System

Be Intelligent. Be Safe.



Be Intelligent. Be Safe.

Table of Contents

OPERATING INSTRUCTIONS FOR THE KEY LOCK IN:

- **Matrix Manual**
- **Matrix Manual with I-Warn**

Model Nos:

1814

2414

3016

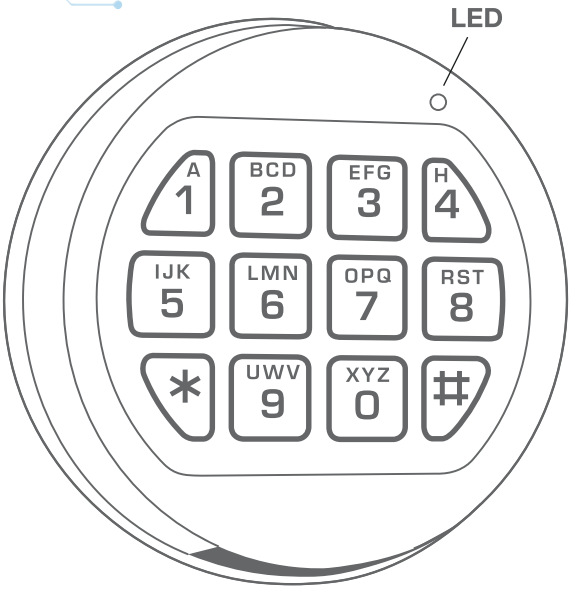
- The safe comes with a dual control key lock
- The keys are marked as 01 & 02

The operating instructions are as follows:-

LOCKING		UNLOCKING	
First Operation	Second Operation	First Operation	Second Operation
Key - 1 Turn	Key - 2 Turn	Key - 2 Turn	Key - 1 Turn

USER OPERATING INSTRUCTIONS

Godrej | SECURITY SOLUTIONS



The electronic lock has a pre-set manager combination only

THE DEFAULT MANAGER COMBINATION IS

(1-2-3-4-5-6)

The manager can:

- Add/Remove User
- Enable/Disable User

No default user combination is present. A user has to be added first.

TO ADD USER

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter the Manager combination and hold down last digit of combination until the lock signals with two sets of double beeps.
2. **Press 1.** Lock signals twice.
3. Enter user combination twice and the lock signals twice after each valid entry.
4. If a mistake is made wait thirty (30) seconds and repeat steps 1 - 3.
   - Valid Combination Entry - Double signal after valid six (6) digit combination is entered
   - Invalid Combination Entry - Triple signal indicates the old combination is still valid

AUDIO AND VISUAL SIGNALS

- Double signal - two (2) LED flashes and two (2) beeps - indicates entry is valid or accepted
- Triple signal - three (3) LED flashes and three (3) beeps - indicates invalid or not accepted

The lock can be opened with the manager or user combination (as created).

TO OPEN THE LOCK

1. Enter valid six (6) digit combination. The lock will signal a valid combination entry with a double signal.
2. Within four (4) seconds, turn the handle to the open position.
3. Pull door open.

WRONG TRY PENALTY

- Entry of four (4) consecutive invalid combinations starts a five (5) minute delay period.
  - LED flashes red at ten (10) second intervals
- At the end of the delay period, two more consecutive invalid combinations will restart the five (5) minute delay period

CHANGING MANAGER AND USER COMBINATIONS

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter “zero” six times.
2. Enter your existing six (6) digit combination one time.
3. Enter your new six (6) digit combination two times.
4. If a mistake is made wait thirty (30) seconds and repeat steps 1 - 3.
5. Test lock operation several times before closing the door.
   - Valid Combination - Double signal after valid six (6) digit combination is entered
   - Invalid Combination - Triple signal indicates the old combination is still valid

CAUTION	When selecting a combination, do not use birthday or other predictable data that could give correlation between the user and combination. Keep the combination secret.

TO DISABLE USER

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter the Manager combination and hold down last digit of combination until the lock signals with two sets of double beeps.
2. **Press 2.** Lock signals once.
3. User is temporarily disabled. (User combination is saved and will be valid if reinstated).
4. If a mistake is made wait thirty (30) seconds and repeat steps 1 - 3.

TO REINSTATE USER

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter the Manager combination and hold down last digit of combination until the lock signals with two sets of double beeps.
2. **Press 1.** Lock signals once.
3. User is reinstated.
4. If a mistake is made wait thirty (30) seconds and repeat steps 1-3.

TO DELETE USER

ALWAYS PERFORM THIS OPERATION WITH THE DOOR OPEN

1. Enter Manager combination and hold down last digit of combination until the lock signals with two sets of double beeps.
2. **Press 3.** Lock signals once.
3. User and combination are removed from lock. (Add User feature is still available).
4. If a mistake is made wait thirty (30) seconds and repeat steps 1-3.

LOW BATTERY WARNING

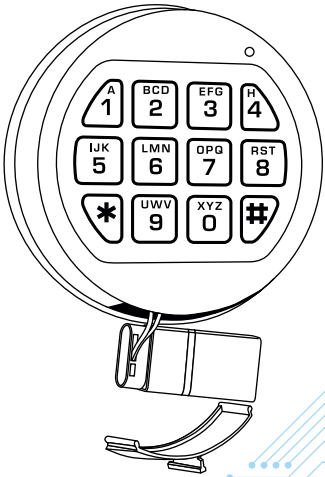
- Repeated LED flashing and beeping after opening indicates battery is low and needs immediate replacement
- When battery level becomes too low to safely operate the lock, any key press will give a low battery warning, and the battery must be changed before the lock will operate
- Uses one (1) 9-Volt alkaline battery only. It is recommended that batteries be replaced at least once annually. Use Godrej 9V GP batteries for best performance
- ***Lock contains a non-volatile memory; even with the batteries removed the lock will retain all programming***

CHANGING YOUR BATTERY

1. Remove black plastic battery compartment cover (located at the bottom of the keypad) by gently pulling downward on its handle.
2. Allow the battery and its attached leads to drop down and out of the battery compartment. If it does not drop, gently pull on the battery until it drops out.
3. Remove the connector by unsnapping it from the two terminals on the top of the battery.
4. Press and hold the zero (0) key for ten (10) seconds before installing a battery.

CAUTION	Hold onto battery terminal connector to avoid pulling the wires out of the housing.

5. Connect a new 9-Volt Alkaline battery to the battery clip.
6. Gently push the battery and the leads completely into the battery compartment.
7. Install the battery cover by placing one side of the cover in position first and then gently pressing the other side into place.



I-Warn

I- Warn

Alarm activates upon tampering

I- Warn

Mobile alerts upon tampering

N11427

WARNING | This manual contains information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer. The entire manual should be carefully read.

FCC COMPLIANCE STATEMENT

CAUTION | Changes or modifications not expressly approved by Godrej Security Solutions could void your authority to use this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be deter-mined 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:

- Re-orient the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for help

The user may find the following booklet prepared by the FCC useful:“How to Identify and Resolve Radio/Television Interference Problems”.

IMPORTANT INFORMATION

This equipment complies with Part 68 of the FCC Rules and, if the product was approved on July 23, 2001 or later, the requirements adopted by the ACTA. On the side of this equipment is a label that contains, among other information, a product identifier.

TELEPHONE CONNECTION REQUIREMENTS

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA.

RINGER EQUIVALENCE NUMBER (REN)

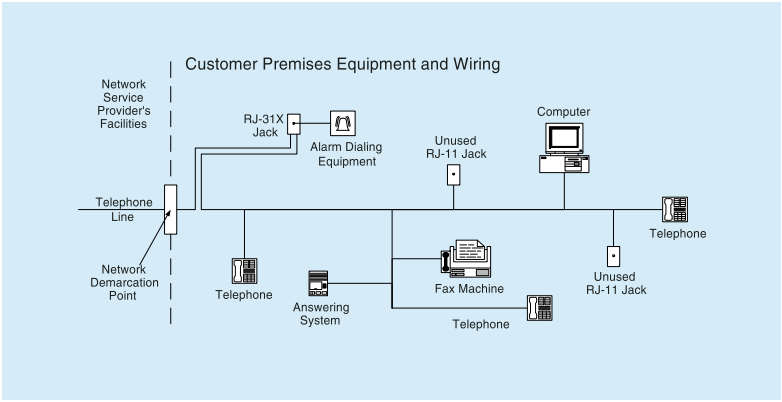
The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local Telephone Company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g. 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label. REN = 0.1B

EQUIPMENT MAINTENANCE FACILITY

If trouble is experienced with this equipment for repair or warranty information, contact the GSS Helpline.

ADDITIONAL INFORMATION

Connection to party line service is subject to state tariffs. Alarm dialing equipment must be able to seize the telephone line and place a call in an emergency situation. It must be able to do this even if other equipment (telephone, answering system, computer modem, etc.) already has the telephone line in use. To do so, alarm dialling equipment must be connected to a properly installed RJ-31X jack that is electrically in series with and ahead of all other equipment attached to the same telephone line. Proper installation is depicted in the figure below. If you have any questions concerning these instructions, you should consult your telephone company or a qualified installer about installing the RJ-31X jack and alarm dialling equipment for you.



Always ensure you obtain the latest version of the User Guide.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock and/or injury, observe the following safety precautions:

- DO NOT spill any type of Liquid on the equipment
- DO NOT attempt to service this product yourself. Opening or removing the cover may expose you to DANGEROUS VOLTAGES or other risk. Call GSS helpline for service. NEVER Open the device yourself
- DO NOT touch THE EQUIPMENT AND ITS CONNECTED CABLES DURING AN ELECTRICAL STORM; THERE MAY BE A REMOTE RISK OF ELECTRIC SHOCK FROM LIGHTNING

REGULAR MAINTENANCE AND TROUBLESHOOTING

Keep your Alarm Controller in optimum condition by following all the instructions that are included within this Manual and/or marked on the product.

CLEANING

- Clean the enclosure (case) by wiping with a damp cloth only
- DO NOT use abrasives, thinners, solvents or aerosol cleaners (spray polish) that may enter through holes in the enclosure (case) of the Alarm Controller and cause damage
- DO NOT use any water or any other liquid
- DO NOT wipe the front cover with alcohol

TROUBLESHOOTING

Occasionally, you may have a problem with your Alarm Controller or telephone line. If this happens, your Alarm Controller usually identifies the problem and displays an error message. Refer to the provided list when you see an error message on the display. If additional help is required, contact the GSS helpline for assistance.

WARNING

This equipment, I-Warn shall be installed and used within an environment that provides the pollution degree max 2 and over-voltages category II NON-HAZARDOUS LOCATIONS, indoor only. The equipment is DIRECT PLUG-IN connected and is designed to be installed, serviced and/or repaired by service persons only; [service person is defined as a person having the appropriate technical training and experience necessary to be aware of hazards to which that person may be exposed in performing a task and of measures to minimise the risks to that person or other persons].

There are no parts replaceable by the end-user within this equipment.

DISCLAIMER

1. **TELEPHONE LINE MONITORING**
   The system may generate an alarm even when the telephone line is dead, from the telephone exchange.

2. **BATTERY BACK UP**
   The system has got an in built battery to support the panel operation during Power cut/Mains Off. The panel has been tested to work for upto 12Hrs (standby mode) and 7Hrs (In Alarm Condition with internal buzzer). Kindly ensure power restoration or Mains restoration before the internal battery drains. Failing to do so would lead to system shutdown.

3. **EXTERNAL HOOTER**
   The external hooter is connected to the panel using a relay. A seperate power supply is required to drive the hooter. In case of a power failure, the external hooter will not operate. Kindly ensure separate power backup for the external hooter.

4. Do not change the location of the safe or the alarm panel once installed. In case it is required to change the location of either of these devices, kindly consult Godrej Representatives.

5. Kindly ensure that the batteries are replaced as soon as the panel indicates Low Battery Trouble.

6. Do not install Alarm Panel inside a metal box/compartment.

7. For I-Warn system to be compatible with an EPBX system, the minimum voltage required is 20 Volts.

8. The power supply to the unit should be isolated from the mains switch to ensure it does not get switched off by mistake.

9. If any other device is attached to the panel (other than the vibration sensor provided in the box and optional accessories being offered), the warranty for the device will be null and void.

ABOUT YOUR SECURITY SYSTEM

Your Security System has been designed to provide you with the greatest possible flexibility and convenience. Read this manual carefully and have your installer instruct you on your system's operation and on which features have been implemented in your system. All users of this system should be equally instructed in its use. Fill out the notes page with all of your zone information and access codes and store this manual in a safe place for future reference.

NOTE	Please contact the GSS helpline for further assistance regarding the false alarm reduction features built into your system as all are not covered in this manual.

Testing:

To ensure that your system continues to function as intended, you must test your system weekly. Please refer to the “Testing your System” section in this manual. If your system does not function properly, please call the GSS helpline for assistance.

Maintenance:

With normal use, the system requires minimum maintenance. Note the following points:

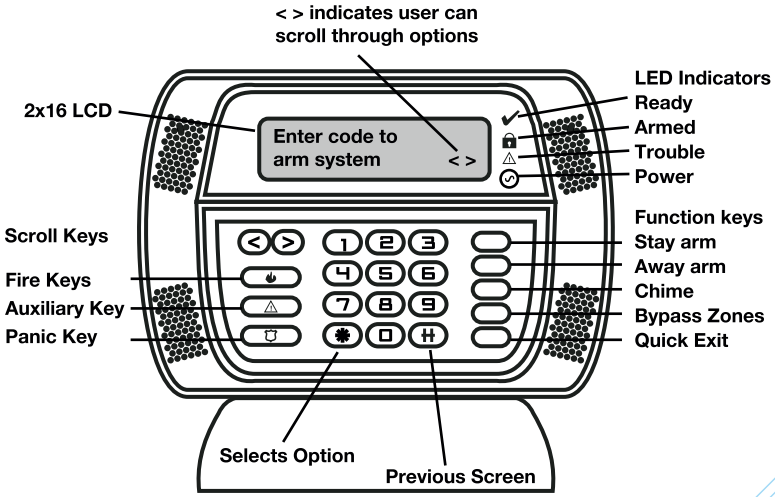
- Do not wash the security equipment with a wet cloth. Light dusting with a slightly moistened cloth should remove normal accumulations of dust
- **Godrej recommends replacing the standby batteries every 2 years**

General system operation:

Your security system comprises an integrated alarm control/keypad and a vibration sensor. The system is self-contained; electronics and standby battery are housed within the keypad unit.

NOTE	Only the installer or service professional should have access to the system.

CONTROLS & INDICATORS



IMPORTANT NOTICE

A security system cannot prevent emergencies. It is only intended to alert you and – if included – your central station of an emergency situation. Security systems are generally very reliable but they may not work under all conditions and they are not a substitute for prudent security practices or life and property insurance. Your security system should be installed and serviced by qualified security professionals who should instruct you on the level of protection that has been provided and on system operations.

LANGUAGE SELECTION

Your system can display messages in different languages.

1. Press and hold both < > keys simultaneously.
2. Using the < > keys, scroll through the available languages.
3. Press * to select your desired language.

ARMING & DISARMING THE SYSTEM

Stay Arming:

(Not to be used with Godrej Safes)

Night Arming:

(Not to be used with Godrej Safes)

Silent Exit Delay:

(Not to be used with Godrej Safes)

Away Arming:

Secure the vibration sensor by closing the safe door. The Ready ( ) indicator should be on. To arm, press and hold the Away Key for 2 seconds and/or enter your Access Code, or press * 0 to Quick Arm. During the setting state (exit delay active) the Armed ( ) and Ready ( ) indicators will turn on, and the keypad will sound one beep per second. You now have 10 seconds to leave the premises (please check with your installer to have this time programmed). An audible annunciation, whose pulsating rate is distinctly different, will sound during the last ten seconds of the exit delay to warn person(s) that the exit delay is running out. To cancel the arming sequence, enter your access code.

When the exit delay is completed, the alarm system is armed/set and this is indicated on the keypad as follows: the Ready ( ) indicator will turn off, the Armed ( ) indicator will remain on and the keypad will stop sounding.

NOTE	Ensure the safe is armed whenever the safe is not being monitored.

Arming Error:

An error tone will sound if the system is unable to arm. This will happen if the system is not ready to arm (i.e. vibration sensor is open), or if an incorrect user code has been entered. If this happens, ensure all sensors are secure, press * and try again.

Disarming:

Enter your access code to disarm anytime the system is armed (Armed ( ) indicator is on). Enter your code to avoid an alarm condition (check with your installer to have this time programmed).

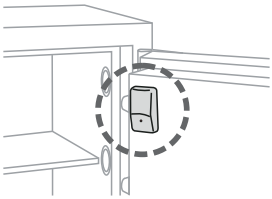
NOTE | Ensure the system is disarmed before using the safe.

Disarming Error:

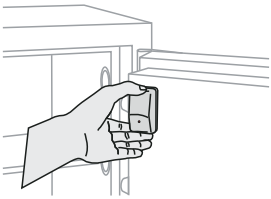
If your code is invalid, the system will not disarm and a 2-second error tone will sound. If this happens, press # and try again.

Changing the battery of the vibration sensor:

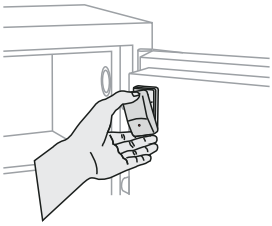
CAUTION | Disarm the panel before opening the vibration sensor.



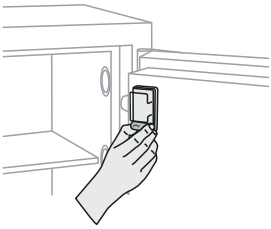
1. Vibration sensor is placed inside the safe, behind the door. The vibration sensor placed inside the safe has a CR2 battery that should be replaced every year.



2. To remove, press and slide the battery downward



3. Take off the old battery



4. Insert the new battery

5. Put the cover back

Emergency Keys:

Press the **(P)** key for 2 seconds to generate a Fire, Auxiliary or Panic alarm. The keypad sounder will beep indicating that the alarm input has been accepted and transmission to the pre-programmed numbers is underway. The **(P)** key may or may not sound the bell depending on Installer setup.

NOTE | The Panic keys can be disabled by the installer.

Time & Date Programming:

Press * 6 plus your Master Access Code to enter User Functions. Use the < > scroll keys to find the menu option then press * to select it. Enter the time in 24-hr. format (HH:MM), followed by the date (MM:DD:YY). Press # to exit programming. If you are viewing a 'Loss of Clock', trouble from within the trouble menu (* 2), press *to directly enter Date and Time programming. See Trouble Conditions on page 6).

NOTE	Your installer may have programmed your system to display the time and date while the keypad is idle. Press the # key to clear the date and time display if desired.

BYPASSING ZONES

Use the zone bypassing feature when you need access to a protected area while the system is armed, or when a zone is temporarily out of service, but you need to arm the system. Bypassed zones will not be ble to sound an alarm. Bypassing zones reduce the level of security. If you are bypassing a zone because it is not working, call a service technician immediately so that the problem can be resolved and your system returned to proper working order. Ensure that no zones are unintentionally bypassed when arming your system. Zones cannot be bypassed once the system is armed. Bypassed zones are automatically cancelled each time the system is disarmed and must be bypassed again, if required, before the next arming.

NOTE	The vibration censor installed in the Godrej safe is enrolled in zone 01 by default

Bypassing Zones

With the system disarmed,

1. Press * to enter the function menu. The keypad will display "Press * for < > Zone Bypass".
2. Press 1 or * , then your [access code] (if required). The keypad will display "Scroll to < > Bypass Zones".
3. Enter the two-digit number of the zone(s) to be bypassed (01-34).

You can also use the < > keys to find the zone to be bypassed, and then press * to select the zone. The keypad will display "Zone Name". "B" will appear on the display to show that the zone is bypassed. If a zone is open (e.g., door with door contact is open), the keypad will display "Zone Name"O". If you bypass the open zone, a "B" will replace the "O".

4. To unbypass a zone, enter the two-digit number of the zone(s) to be bypassed (01-34). You can also use the < > keys to find the zone, and then press * to select the zone. The "B" will disappear from the display to show that the zone is no longer bypassed.
5. To exit bypassing mode and return to the Ready state, press # .

Activating All Bypassed Zones

To remove bypass (all zones):

1. Press * 1 , then your [access code] (if necessary).
2. Press 00 .
3. To exit bypassing mode and return to the Ready state, press # .

Recalling Bypassed Zones

To recall the last set of bypassed zones:

1. Press * 1 , then your [access code] (if necessary).
2. Press 9 9 .
3. To exit bypassing mode and return to the Ready state, press # .

BYPASS GROUP

A Bypass Group is a selection of zones programmed into the system. If you bypass a group of zones on a regular basis, you can programme them into the Bypass Group, so that you do not have to bypass each zone individually every time. Only one Bypass Group can be programmed.

NOTE	If a group has already been bypassed before programming a Bypass Group, you will be unable to recall that group after programming the new group.

To programme a Bypass Group:

1. Press * 1 , then your [access code] (if necessary).
2. Enter the two-digit numbers (01-34) of the zones to be included in the Bypass Group or use the < > keys to find the zone to be included in the bypass group, then press * to select the zone.
3. To save the selected zone into the group, press # 5 .
4. To exit bypassing mode and return to the Ready state, press # .

NOTE	If an access code is required to enter bypassing, only the Master Code and codes with Supervisory enabled can set the Bypass Group.

To select a Bypass Group when arming the system:

1. Press * 1 , then your [access code] (if necessary).
2. Press 9 1 . The next time the system is armed, the zones in this group will be bypassed.
3. To exit bypassing mode and return to the Ready state, press # .

NOTE	Bypass Group is only recalled if the system is armed/disarmed after programming the bypass group. This feature is not to be used in UL Listed installations.

TROUBLE CONDITIONS

When a trouble condition is detected, the Trouble ( ) indicator will turn on, and the keypad will beep every 10 seconds. Press the * key to silence the beeps. Press * 2 to view the trouble condition. The Trouble ( ) indicator will flash. Use the < > keys to view troubles.

Trouble Conditions	Comments	Actions
Service Required (Press [1] for more information)	Indicates Low Battery, System Trouble, System Tamper or RF Jam detected.	Call for service
Loss of AC Power	If the building and/or neighbourhood has lost electrical power, the system will continue to operate on battery for several hours.	Check AC connection Call for service
Telephone Line Fault	The system has detected that the telephone line is disconnected.	Call for service
Telephone Line Fault	The system has detected that the telephone line is disconnected.	Call for service
Failure to Communicate	The system attempted to communicate with the monitoring station, but failed. This may be due to Telephone Line Fault.	Call for service
Sensor (or Zone) Low Battery	The system is experiencing difficulties with one or more sensors on the system. Press [5] to display zone(s).	Call for service
Sensor (or Zone) Low Battery	The system has detected a tamper condition with one or more sensors on the system. Press [6] to display zone(s).	Call for service
Sensor (or Zone) Low Battery	If the system has been equipped with wireless sensors, one or more has reported a low battery condition. Press [7] to display the zone(s). Press [7] again to display WLS keys.	Call for service
Loss of Time & Date	If complete power was lost (AC and Battery), the time and date will need to be re-programmed. Press [*]	Re-program Time & Date (page 4)

ALARM MEMORY

When an alarm occurs, the Alarm Memory Message will be displayed. To view which sensor(s) generated the alarm, press * 3 . For the system keypad use the < > scroll keys to view the sensors in alarm memory. Press # to exit. To clear the memory, arm and disarm the system. If an alarm sounded while armed, the system will automatically go to alarm memory when you disarm the system. In this instance, you should approach with caution, as the intruder may still be within the building/premises.

SAFE DOOR CHIME

To turn the door chime function on or off, press and hold the Chime key for 2 seconds or press [*] [4].

ACCESS CODE PROGRAMMING

In addition to the Master Access Code, you can programme up to 16 additional User Access codes. Press [*] [5], plus your Master Access Code, the armed ( ) indicator will turn on.
Enter the 2-digit number to be programmed (i.e. 06 for user access code 6; enter 40 for the Master Access Code) or use the [<] [>] keys to find the specific code and press [*] to select. Enter the new 4-digit access code. When programming is complete, enter another 2-digit code to programme or press [#] to exit.
The access codes have programmable attributes which allow zone bypassing, duress, supervisor or one-time use activation.

Access codes

[*] [5] [Master Code] (when disarmed)

The [*] [5] user programming command is used to programme additional access codes.

User Codes - User Codes 1-16 are available for the System.

Master Code (Access Code 40) - The Master Code has all of the attributes listed in the Programmable Attributes list below except for Duress (2) and One Time Use (8) and is required to programme all Supervisor Code attributes.

Supervisor Codes - These codes are always valid when entering the [*] [5] User Code Programming section. However, these codes can only programme additional codes, which have equal or lesser attributes. Once programmed, the Supervisor Codes receive the Master Code's attributes. These attributes are changeable. Any User Code can be made a supervisor code by enabling User Code Attribute 1 (please see below for details).

Duress Codes - Duress codes are standard User Codes that will transmit the Duress Reporting Code whenever the code is entered to perform any function on the system. Any User Code can be made a Duress Code by enabling User Code Attribute 2 (please see below for details).

One Time Use Code - This code permits temporary access to the system for a 24 Hr. time period. During the 24 Hr. period, the temporary user may disarm the system once. There is no restriction on the number of times the temporary user may arm the system during the time period.

NOTE	Duress codes are not valid when entering [*] [5],[*] [6] or [*] [8] sections. Access codes cannot be programmed as a duplicate or as a "Code +/- 1".

User code attributes

1. The default attributes of a new code will be the attributes of the code used to enter [*] [5] whether it is a new code or an existing code being programmed.
2. System Master (Code 40) has Attribute 3 ON by default.

NOTE | These attributes are not changeable.

Inherent Attributes (all codes except installer):

Arm / Disarm - Any Access Code will be valid for arming and disarming the system.

Command Outputs ([*] [7] [1] and [*] [7] [2]) - If these outputs require Access Code entry, any Access Code is valid for performing the [*] [7] [1-2] functions on the system.

Programmable Attributes ([*] [5] [Master/Supervisor Code[9] [Code]):

1 Supervisor Code
2 Duress Code
3 Zone Bypassing Enabled
4-6 For Future Use
7 Bell Squawk upon Away Arming/Disarming (Not to be used with Godrej Safe)
8 One Time Use Code

Zone Bypassing Attribute:

This attribute allows the User to manually bypass zones if Bypassing requires an access code.

Erasing an Access Code:

To erase a code, select the code and enter [*] as the first digit. If [#] is entered, the system will delete the code immediately and the user will be returned to select another code.

USER FUNCTION COMMANDS

First disarm the system, then enter [Master Code]

The command is used to gain access to the following list of Master functions of the system.

[1] Time and Date

Enter 4 digits for 24 Hour System Time (HH-MM). Valid entries are 00-23 for the hour and 00-59 for minutes. Enter 6 digits for the Month, Day and Year (MM-DD-YY)

[2]-[3] Future Use

[4] System Test

The system's Bell Output - 4 seconds (2 seconds medium volume, 2 seconds high volume), Keypad Lights and Communicator are tested.

[5] Enable DLS/Allow Remote System Service

(Not to be used with Godrej Safe)

[6] User Call-up

(Not to be used with Godrej Safe)

[7] For Future Use

[8] User Walk Test

Allows the user to enter the Walk Test mode. See Walk Test on page 19.

Changing brightness/contrast:

When this option is selected, the keypad will allow you to scroll through 4 brightness levels and 10 contrast levels.

1. Press ✱ 6 [Master code].
2. Use the < > keys to scroll to either Brightness Control or Contrast Control.
3. Press ⊛ to select the setting you want to adjust.
4. a) 'Brightness Control': There are 4 backlighting levels. Use the < > keys to scroll to the desired level.

   b) 'Contrast Control': There are 10 different display contrast levels. Use the < > keys to scroll to the desired contrast level.
5. To exit, press # .

Changing the buzzer level:

When this option is selected, the keypad will allow you to scroll through 21 different buzzer levels. The level of 00 disables the buzzer.

1. Press ✱ 6 [Master Code].
2. Use the < > keys to scroll to Buzzer Control.
3. There are 21 different levels, use the < > keys to scroll to the desired level.

Viewing the event buffer:

The event buffer will show you a list of the last 128 events that have occurred on your system.

1. Press ✱ 6 [Master Code].
2. To select Event Buffer viewing, press ✱ .
3. The keypad will display the event number and the time and date. Press ✱ to switch between this information and the event details.
4. Use the < > keys to scroll through the events in the buffer.
5. To exit event buffer viewing, press # .

TESTING YOUR SYSTEM

NOTE	Inform your Monitoring Station when you begin and end System Testing. Should the system fail to function properly, contact the GSS helpline for assistance.

Sounder and Display Test:

This Test activates all display pixels and indicator lights and does a four second check of the sounder.

1. Press ✱ 6 [Master Code] 4 .
2. The following will occur:

   a) The system activates the Bell output on medium volume for 2 seconds followed by full volume alarm for 2 seconds. All display lights and LCD pixels will turn ON.

   b) The Ready, Armed, Trouble and Power LED's will flash for the duration of the test.
3. To exit the function menu, press # .

Walk Test:

Walk Test mode allows you test the operation of each detector in the system. While in Walk Test mode, the Ready, Armed, and Trouble LED's will flash to indicate that the Walk Test is active. The Walk Test can be terminated at anytime by re-entering * 6 [Master code] 8 on the keypad. The system will also automatically terminate the Walk Test on completion, it will annunciate with an audible warning (5 beeps every 10 seconds), beginning five minutes before the termination of the test.

1. Before testing, ensure that the system is disarmed and the Ready light is on.
2. Press # and close all zones to return the system to the Ready state.
3. Perform a System Test by following the steps in the previous section.
4. Press * 6 [Master code] 8 to initiate the Walk Test.
5. To test the zones, activate the vibration sensor in the safe.
   The System will display the following message when each zone (detector) is activated: “Secure System Before Arming < >”, “Secure System or Enter Code” or “Secure or Arm System”. Use the <> keys to view which zones are open. The message will disappear when the zones are closed.

To change phone number:

1. Press * 8 _5 5 5 5 (Installer Code)
2. Then press 3 0 1 (To enter the First Number)
   Then press 3 0 2 (To enter the Second Number)
   Then press 3 0 3 (To enter the Third Number)

GSS Toll-free: 1800 209 9955

REFERENCE SHEETS

Fill out the following information for future reference and store this guide in a safe place.

Access Codes

Master Code [40]:_____

Code	Access Code	Code	Access Code
01		09	
02		10	
03		11	
04		12	
05		13	
06		14	
07		15	
08		16	

WARNING
Please Read Carefully

NOTE TO INSTALLERS

This warning contains vital information. As the only individual in contact with system users, it is your responsibility to bring each item in this warning to the attention of the users of this system.

SYSTEM FAILURES

This system has been carefully designed to be as effective as possible. There are circumstances, however, involving fire, burglary, or other types of emergencies where it may not provide protection. Any alarm system of any type may be compromised deliberately or may fail to operate as expected for a variety of reasons. Some but not all of these reasons may be:

Inadequate Installation
A security system must be installed properly in order to provide adequate protection. Every installation should be evaluated by a security professional to ensure that all access points and areas are covered. Locks and latches on windows and doors must be secure and operate as intended. Windows, doors, walls, ceilings and other building materials must be of sufficient strength and construction to provide the level of protection expected. A reevaluation must be done during and after any construction activity. An evaluation by the police department is highly recommended if this service is available.

Criminal Knowledge
This system contains security features which were known to be effective at the time of manufacture. It is possible for persons with criminal intent to develop techniques which reduce the effectiveness of these features. It is important that a security system be reviewed periodically to ensure that its features remain effective and that it be updated or replaced if it is found that it does not provide the protection expected.

Access by Intruders
Intruders may enter through an unprotected access point, circumvent a sensing device, evade detection by moving through an area of insufficient coverage, disconnect a warning device, or interfere with or prevent the proper operation of the system.

Power Failure
Control units, intrusion detectors, smoke detectors and many other security devices require an adequate power supply for proper operation. If a device operates from batteries, it is possible for the batteries to fail. Even if the batteries have not failed, they must be charged, in good condition and installed correctly. If a device operates only by AC power, any interruption, however brief, will render that device inoperative while it does not have power. Power interruptions of any length are often accompanied by voltage fluctuations which may damage electronic equipment such as a security system. After a power interruption has occurred, immediately conduct a complete system test to ensure that the system operates as intended.

Failure of Replaceable Batteries
This system's wireless transmitters have been designed to provide several years of battery life under normal conditions. The expected battery life is a function of the device environment, usage and type. Ambient conditions such as high humidity, high or low temperatures, or large temperature

fluctuations may reduce the expected battery life. While each transmitting device has a low battery monitor which identifies when the batteries need to be replaced, this monitor may fail to operate as expected. Regular testing and maintenance will keep the system in good operating condition.

Compromise of Radio Frequency (Wireless) Devices

Signals may not reach the receiver under all circumstances which could include metal objects placed on or near the radio path or deliberate jamming or other inadvertent radio signal interference.

System Users

A user may not be able to operate a panic or emergency switch possibly due to permanent or temporary physical disability, inability to reach the device in time, or unfamiliarity with the correct operation. It is important that all system users be trained in the correct operation of the alarm system and that they know how to respond when the system indicates an alarm.

Warning Devices

Warning devices such as sirens, bells, horns, or strobes may not warn people or waken someone sleeping if there is an intervening wall or door. If warning devices are located on a different level of the residence or premise, then it is less likely that the occupants will be alerted or awakened. Audible warning devices may be interfered with by other noise sources such as stereos, radios, televisions, air conditioners or other appliances, or passing traffic. Audible warning devices, however loud, may not be heard by a hearing-impaired person.

Telephone Lines

If telephone lines are used to transmit alarms, they may be out of service or busy for certain periods of time. Also an intruder may cut the telephone line or defeat its operation by more sophisticated means which may be difficult to detect.

Insufficient Time

There may be circumstances when the system will operate as intended, yet the occupants will not be protected from the emergency due to their inability to respond to the warnings in a timely manner. If the system is monitored, the response may not occur in time to protect the occupants or their belongings.

Component Failure

Although every effort has been made to make this system as reliable as possible, the system may fail to function as intended due to the failure of a component.

Inadequate Testing

Most problems that would prevent an alarm system from operating as intended can be found by regular testing and maintenance. The complete system should be tested weekly and immediately after a break-in, an attempted break-in, a fire, a storm, an earthquake, an accident, or any kind of construction activity inside or outside the premises. The testing should include all sensing devices, keypads, consoles, alarm indicating devices and any other operational devices that are part of the system.

Security and Insurance

Regardless of its capabilities, an alarm system is not a substitute for property or life insurance. An alarm system also is not a substitute for property owners, renters, or other occupants to act prudently to prevent or minimise the harmful effects of an emergency situation.

FAQs

Q. How does the Panel communicate with the Vibration Sensor?

A. The Panel Communicates with the panel over a wireless channel. The wireless frequency is 433 Mhz and is a license free frequency in INDIA.

Q. Where do I Place the panel?

A. It is recommended that the panel is placed in the same room where the safe is placed, the distance between the safe and the panel should not be greater than 5 meters.
The panel has a feature that can detect whether the placement of the sensor is “GOOD” or “BAD”. This will be checked by the Godrej representative during installation.

Q. How do I change the Battery?

A. The panel has a rechargeable battery, which should be replaced every 2 years (based on usage). The Panel displays a “Trouble” message if the battery is low, it is recommended the battery be changed by an authorised Godrej representative only.
The Vibration sensor present inside the safe uses a CR2 battery and should be replaced every year.

Q. How do I arm the panel?

A. Press the “Arm Away” button on the panel for 3 seconds, please ensure the panel is armed whenever the safe is not being monitored.

Q. How do I disarm the panel?

A. The panel can be disarmed by using the User Code or the Master Code.

Q. When will the alarm go off?

A. The alarm sounds in the following cases (in armed mode)
1. When the safe is tampered with
2. When the phone line is cut
3. When the GSM unit or external hooter wire is cut (optional accessories)
4.When the panel is tampered with
5 When the sensor is tampered with

Q. What kind of phone line is compatible with the system?

A. The panel supports regular PSTN (MTNL/BSNL or similar) landline to communicate. Upto 3 numbers may be configured for alerts.

Q. If I don’t have a landline, can I use a mobile connection?

A. A mobile connection can be used only if the optional GSM module is purchased, it uses a SIM card and enables communication of an event over the mobile network. Upto 8 numbers may be configured for Voice and SMS alerts in case of an event.

Q. What happens when telephone line is cut?

A. In case the telephone line is cut the panel will generate a Trouble condition and shall be displayed on the LCD screen. Optionally a telephone line cut detection can be activated, in that case the local alarm (buzzer and Hooter) will get activated as soon as the telephone line is cut.

Q. What happens when Electric Supply is cut?

A. In case the electric supply is cut, the panel automatically switches to its battery backup. The internal battery can support the panel for upto 12 hours (without Alarm) and upto 7 hours (with Alarm).

Q. What happens if panel is tampered with?

A. In case the Alarm Panel is attacked, a Wall Tamper Switch present within the panel gets activated which in turn sounds the local alarm and send out alerts/calls.

Q. What happens if there is magnetic interference?

A. The alarm panel complies with the CE directive 89/336/EEC for Electromagnetic Interference.

Q. What happens if there is a voltage surge?

A. The panel transformer has an inbuilt fuse to protect against voltage surges and conforms to the CE directive 72/23/EEC for low voltage.

Q. What are the Certification that the Products carries?

A. The product is listed with Underwriters Laboratory, USA for Household Burglary and Fire Devices.

Q. If the panel is attacked, how long will it take to send out an alert/call?

A. The panel sends out an alert as soon as the Wall Tamper Switch is activated, since it uses Tone dialing mode, it takes less than 5 seconds to dial a number.

Q. Is an audit trail of events available?

A. A log of 126 events is available, it can be viewed on the screen of the panel.

Q. Is the GSM module wired? What if the wire is cut?

A. Yes, Wire-Cut detection is an inbuilt feature, the local alarm will go off and the panel will dial through the landline in such a case.

Q. Is it possible to attach the panel to an EPBX system instead of a PSTN line?

A. Yes.

Q. If the battery strength decreases, will it affect the performance of the sensor (communication between the panel and sensor)?

A. No, reduction in battery strength will not affect communication between the sensor and the panel.

Q. How does the GSM module optional accessory communicate with the alarm?

A. The GSM module is connected to the panel with a 4 core cable. In case of an alarm, the GSM module dials pre-configured phone numbers in a sequence and sends SMSs.

Q. How do I configure GSM module? Are we giving the customer the software?

A. The GSM module can be configured by connecting the module to a PC /Laptop using a serial cable. A special software has to be installed that enables the user to configure phone numbers, SMS numbers, voice messages etc.

Q. What kind of voice message is communicated by the GSM module?

A. Standard caution messages are available. The user can record and configure messages if required. The voice message can be up to 16 seconds long.

Q. How many numbers can be configured for Voice and SMS in the GSM module?

A. 8 (Eight) numbers can be configured for Voice and SMS.

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| SECURITY SOLUTIONS

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