GALAXY 4016 GSM A6 / A7
USER MANUAL

GALAXY 4016 GSM

Document No. :

Please read this manual carefully before operating your security system and retain it for future reference. If you have any questions related to our products, kindly write to us at support@securicoelectronics.com.

WARRANTY

This product is sold subject our standard warranty conditions and is warranted against defects in workmanship for a period of one year. In the interest of continuing improvement of quality, customer care and design, the company reserves the right to amend specifications and features without giving prior notice. The company also reserves the right to replace existing devices with new upgraded versions under the warrantee policy.

INTRODUCTION

Congratulations on being the proud owner of Galaxy GSM, a step into ultramodern protection. Panel was created to meet today's technologically advanced demands of integrating security with automation. Galaxy GSM, our super control panel is 04 / 12 zone panel with a built-in 2 message 20 number GSM auto dialer, which will automatically call you, your friends, your family and the police in case of an emergency. Its automatic arming and disarming facility brings easy security to your door step. The ability to protect your lifestyle and automate it all at the same time. We wish you a peaceful life and an enjoyable Galaxy experience!

ABOUT SECURICO

Securico has completed 36 successful years of manufacturing excellence and offers a complete range of Electronic Security Solutions including Intruder Alarms, CCTV Systems, Fire Alarms, Video Door Phones, Energy Saving Devices and a State of the Art 24X7 Video & Alarm Monitoring Station. Securico is the chosen brand of more than 3000 security system integrators in over 250 cities across India. With a highly qualified in house R&D team and modern manufacturing plant, Securico is totally committed to providing the security industry with high tech, multi functional, top quality, low cost yet world class products. Securico is privileged to have a large number of Indian and multinational banks along with thousands of corporate, commercial, retail and residential users as satisfied clients which has been achieved through three decades of impeccable customer service and care.

GALAXY 4016 GSM

FEATURES

- Micro-controller based
- 04 / 12 wired zones control panel
- Can connect wireless sensors by adding wireless receiver module (only in A6 model)
- Inbuilt GSM based speech and SMS dialer module
- Separate remote key pad with 16x4 LCD display and 16 key back lit key pad
- Can attach up to 3 additional LCD display remote key pads
- Android app to operate and program panel
- Automatic arming and/or disarming, optional and programmable
- One day holiday programmable for automatic disarming feature
- GSM dialer module supports 2 speech / voice messages
- Separate intrusion message
- Separate fire message
- 10 telephone numbers for intrusion message
- 10 telephone numbers for fire message
- 20 second recording time for each message
- Multiple Alarm and Status SMS
- Alarm SMS with alarm type, zone number, time and date information
- Alarm SMS types - intrusion alarm, panic alarm, fire alarm, tamper and wrong code
- Status SMS sent to admin user on first number - system arm, admin disarm, user disarm, system on, AC power on, AC power off, low battery, admin or user code change, telephone number/s added, telephone number/s deleted, daily health status.

- Daily System On health status SMS sent once a day to admin user on first number
- Power status SMS for AC power on/off, low battery
- User editable name and address for alarm SMS
- Message playback
- Android App is SMS based, no internet required for daily use
- All key panel functions and features programmable from app
- All alarm alerts and status events received, displayed and logged in the app
- Panel can also be operated through mobile via simple SMS commands
- Automatic temporary bypass of open 24 hour zones in case of open zone
- Detectors connected to fire zones are automatically reset after one hour in case of an alarm
- Built in provision for 12V 7AH SMF battery
- Zone omitting facility
- Silent arming
- Night mode arming
- Intrusion log with time and date
- 500 Event log for alarms and menu access
- Open and close information for alarm zones
- Dedicated panic, fire and quick arm keys
- Silent dialing
- Power failure indication
- Battery strength display on LCD display
- Blown fuse indication on LCD display
- Last open zone status is indicated on LCD display
- GSM signal strength display
- 3 status LED – armed, power and dialing
- Automatic re-arming after an intrusion

GALAXY 4016 GSM

- System goes into alarm state after three incorrect code attempts
- Previous state (armed or disarmed) retained when panel is re-powered
- Independent entry delay time 2 to 255 seconds
- Independent exit delay time 2 to 255 seconds
- Sounder time 2 to 20 minutes
- Non-volatile memory
- Inbuilt SMPS with short circuit, over load and thermal shut down protection
- Inbuilt tamper switch for advanced tamper detection
- Control panel and remote keypad in premium white ABS housing

CONTENTS

GALAXY 4016 GSM

GALAXY 4016 GSM

1 - GETTING STARTED

1-1 GET TO KNOW YOUR GALAXY

FRONT VIEW
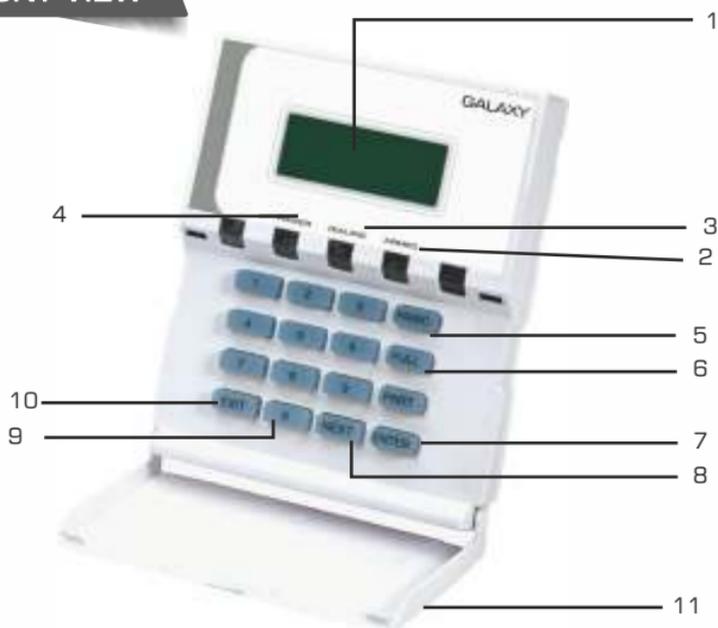
BACK VIEW
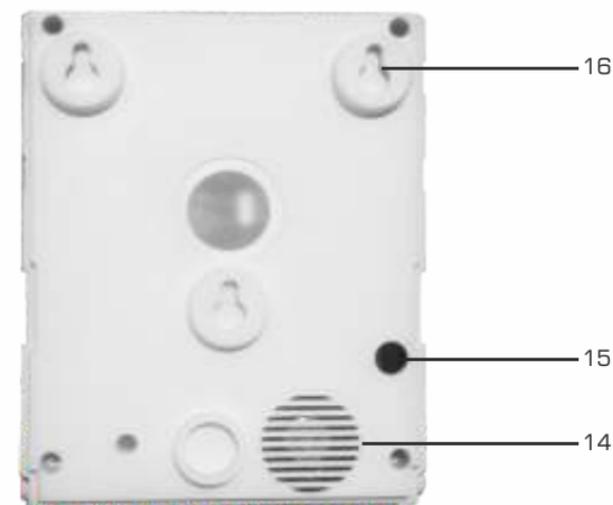
FRONT VIEW

1. On Screen LCD Display with back light
2. Armed Indication LED
3. Dialing Indication LED
4. Power Indication LED
5. Panic Button - Onboard Panic Switch
6. Full Button - For full arming
7. Enter Button
8. Next Button
9. Dial Button
10. Exit Button
11. Key Pad Cover

BACK VIEW

14. Buzzer
15. Wire Opening Slots
16. Flexible Slots for Screw Mount Installation

GALAXY 4016 GSM

1-2 CONFIGURATION

The Remote Keypad(s) must be connected to the main control station prior to connecting it to a power supply. When the Remote Key Pad is connected to the main control station, the screen will display:

```
                            GALAXY

    1- PREVIOUS
                SETTING
    2- FACTORY
                SETTING


      POWER    DIALING    ARMED
```

1-2-1 PREVIOUS SETTING MODE

Press **1** for **PREVIOUS SETTING** (in the previous setting mode, system will retrieve its last status of **ARM/ DISARM** with previous **ADMIN CODE**

```
                            GALAXY

    RESTORING
            PREVIOUS
                SETTINGS


      POWER    DIALING    ARMED
```

```
                            GALAXY

    UPDATING DATA...



      POWER    DIALING    ARMED
```

The screen will display:


```
                              GALAXY

         00:00  SUN 01  JAN


              POWER    DIALING    ARMED
```

1-2-2 FACTORY SETTING MODE

Press **2** to **FACTORY SETTING**, The system will reset to Factory Setting Mode.


```
                              GALAXY

         RESTORING
                FACTORY
                   SETTINGS

              POWER    DIALING    ARMED
```



```
                              GALAXY

         UPDATING DATA...


              POWER    DIALING    ARMED
```

(In this MODE, system will reset to Factory Default Settings.)

Note: For factory setting, please see 1-3 FACTORY SETTING

GALAXY 4016 GSM

CODES
ENTER + USER ID + USER CODE
ENTER + UI + XXXX

UI = USER ID   XXXX = USER CODE

USER IDs
User IDs are fixed and cannot be changed.
ADMIN : 00
USER 1 : 11

FACTORY SETTINGS:
ADMIN CODE : **ENTER + 00 + 1234**
USER 1 CODE : **ENTER + 11 + 1234** (Only in A6 model)

GALAXY 4016 GSM A6 ZONE DETAILS

ZONE NO	DESCRIPTION	USER	SIREN / SILENT
Zone 1	Delay (D1)	ADMIN/USER-1	SIREN / SILEN
Zone 2	Delay (D2)	ADMIN/USER-1	SIREN / SILENT
Zone 3	Delay (D3)	ADMIN/USER-1	SIREN / SILENT
Zone 4	Immediate (I1)	ADMIN/USER-1	SIREN / SILENT
Zone 5	Immediate (I2)	ADMIN/USER-1	SIREN / SILENT
Zone 6	Immediate (I3)	ADMIN/USER-1	SIREN
Zone 7	Immediate (I4)	ADMIN/USER-1	SIREN
Zone 8	Immediate (I5)	ADMIN/USER-1	SIREN
Zone 15	Panic (P1)	ADMIN	SIREN
Zone 16	Panic (P2)	ADMIN	SIREN
Zone 17	Fire (F1)	ADMIN	SIREN
Zone 18	Fire (F2)	ADMIN	SIREN
Zone 24	Tamper (TMPR)	ADMIN	SIREN

GALAXY 4016 GSM A7 ZONE DETAILS

ZONE NO	DESCRIPTION	USER	SIREN / SILENT
Zone 1	Delay (D1)	ADMIN/USER-1	SIREN / SILEN
Zone 4	Immediate (I1)	ADMIN/USER-1	SIREN / SILENT
Zone 15	Panic (P1)	ADMIN	SIREN
Zone 17	Fire (F1)	ADMIN	SIREN
Zone 24	Tamper (TAMP)	ADMIN	SIREN

TIMER SETTINGS

ENTRY TIME   :   30 SECONDS
EXIT TIME   :   30 SECONDS
SOUNDER TIME   :   2 MINUTES

1-4 SYSTEM STATUS

DISARMED/DAY MODE

The system is in day mode when it is not armed. In this mode, only 24 hours active zones will be actively operational. The time, day and date will be displayed on the remote key pad LCD screen.

ARMED MODE

The system is in the armed mode when all active* zones are operational and can be triggered to raise an alarm.

1-5 OPERATING PROCEDURES

Galaxy panel can be operated through three procedures:

1. From the remote key pads
2. Through a SMS facility using a GSM SIM card inside the control panel. All functions can be executed through the remote key pads and some main functions can be operated through the SMS facility.
3. Through Android Mobile App

1-6 ZONES

There are six types of zones in the control panel:

ENTRY/EXIT (also called Delay): An entry/exit zone will actively raise an alarm only if the system is armed. However, an entry / exit zone allows for a programmed delay during which the user can enter the code and prevent the alarm from sounding. If the user does not enter the code in the programmed amount of time, the alarm will sound. The main entrance is usually the entry/exit zone so as to allow the user to enter the premises without raising the alarm. Entry/Exit zones are also referred to as delay zones.

IMMEDIATE: An immediate zone will actively raise an alarm only if the system is armed. If anyone enters the premises through an immediate zone while the system is armed, the alarm will sound immediately. Immediate zones usually include all the doors and windows other than the main entry, since the user is unlikely to enter the premises through these.

PANIC: A Panic zone is a 24 hour active zone and will raise an alarm when the panic switch is pressed irrespective of whether the system is armed or disarmed.

FIRE: A Fire zone is a 24 hour zone and will raise an alarm in case a fire is detected irrespective of whether the system is armed or disarmed.

TAMPER: A Tamper zone is a 24 hour active zone and will raise an alarm in case of tamper violation in the panel or sensors (if connected) and if the tamper wire is cut irrespective of whether the system is armed or disarmed.

2 - OPERATING PROCEDURE 1 - THROUGH REMOTE KEY PAD

2-1 TO ARM THE SYSTEM

Arming options:

FULL ARM: The system is fully armed when all existing zones have been armed.

2-1-1 FULL ARMING

Press **ENTER**

Press **FULL**

All zones will be armed and the screen will display:

GALAXY

22:30 SUN 01 JAN
ARMING...

AC

POWER   DIALING   ARMED

Delay arming beeps will sound from the remote keypad during the exit delay.

Once the system is armed, the screen will display:

GALAXY

22:30 SUN 01 JAN
FULL ARM

AC

POWER   DIALING   ARMED

GALAXY 4016 GSM

2-1-2 NIGHT ARMING

This unique feature enables you to temporarily make all delay (entry/ exit) zones into immediate zones. In the case that all users are within the premises when the system is armed at night and no delay zones are required, the Night Arming feature can be used. This feature is particularly helpful when the system is installed in a residence.

Full Night Arming:

Press **ENTER**

Press **FULL**

Press **NIGHT/9**

All zones will be armed and all delay zones will temporarily become immediate zones and the screen will display:

2-1-3 SILENT ARMING

If the delay arming beeps are not required, They can be silenced. The system will arm itself silently ending with a long ending beep to indicate the system is armed.

Full Silent Arming:

Press **ENTER**

Press **FULL**

Press **6 / SILENT**

All the zones will be armed silently and the screen will display :


```
                                    GALAXY

          22:30  MON 01 JAN
          FULL ARM

          ▼ill                 AC ⚡


         POWER    DIALING    ARMED
```

2-2 TO DISARM THE SYSTEM

Press **ENTER+00ADMIN CODE** to disarm all zones

Important : If the system is in alarm state, **ENTER+00ADMIN CODE** has to be entered twice. The first time will switch off the sounders. The second time will stop the automatic speech dialer. Therefore, if you wish to stop the sounders but want the speech dialer to continue calling the programmed numbers, enter the code only once.

Note: The control panel will only accept the admin code once the first number has been dialed.

2-3 MENU OPTIONS

To access the Menu, Press **ENTER+ 00ADMIN CODE**

The admin code is used to program the entire system as well as fully disarm it.

The following options are the main menu options.

OMIT ZONES & ARM SYSTEM

INTRUSION LOG

CHANGE CODE

SET TIME & DATE

TIMER SETTING

AUTO OPERATION

PLAY & RECORD MESSAGES

To select a menu option, scroll down using the **NEXT** button and press **ENTER**

To skip and go to the next menu option press **NEXT**

To skip and go to the previous menu option press **0**

To exit the menu and return to Day Mode, press **EXIT**

2-4 OMIT ZONES & ARM SYSTEM

This option allows you to omit zones temporarily and arm the system.

GALAXY

OMIT ZONES
& ARM SYSTEM

POWER   DIALING   ARMED

Press **ENTER**

GALAXY

SELECT WINDOW
1 - ZN   01 - 15
2 - ZN   16 - 30
3 - ZN   31 - 40

POWER   DIALING   ARMED

Select the window number as per the zone number you wish to omit.

Example: If you want omit zones from zone number 01 to 15 **PRESS 1 to select window 1**

The display will change to:

GALAXY

WINDOW 1 ZN01 - 15

POWER   DIALING   ARMED

Enter the zone numbers you wish to omit (enter 01 for Zone 1, 02 for Zone 2 etc).

Note: 24 hour zones **(PANIC, FIRE & TAMPER** cannot be omitted)

Press **ENTER** to confirm

The display will change to:

GALAXY

WINDOW   ZN01 - 15
02

POWER   DIALING   ARMED

PRESS **EXIT**

The display will change to:

GALAXY

ZONES UPDATED
PRESS ENTER TO
ARM THE SYSTEM

POWER   DIALING   ARMED

PRESS **ENTER**

The display will change to:

```
                    GALAXY

    PRESS FULL


      POWER   DIALING   ARMED
```

Press **FULL** to omit zones and full arm panel.

The display will change to:

```
                    GALAXY

    22:30  SUN 01  JAN
    ARMING...
    ▼ill              AC ♥

      POWER   DIALING   ARMED
```

```
                    GALAXY

    22:30  SUN 01  JAN
    FULL ARM
    ▼ill              AC ♥

      POWER   DIALING   ARMED
```

2-5 INTRUSION LOG

The intrusion log displays the last 500 events of alarms with alarm zone open and close where applicable and menu access.

```
                    GALAXY

    INTRUSION LOG


      POWER   DIALING   ARMED
```

Press **ENTER**

```
                    GALAXY

    INTRUSION LOG
    1 - LOG DETAILS


      POWER   DIALING   ARMED
```

Press **1**

GALAXY

```
LOG              PAGE  001
023I  17:22         110117
023C 17:10          110117
002I   18:00        110117
```

POWER   DIALING   ARMED

Press **NEXT** to shift on the next page.
To skip and go to the previous menu option press **0**
Last 500 intrusions can be checked with time and date.
The screen will display the last triggered zone on the
second line.
Press **NEXT** to see zone triggered before that.

2-6 CHANGE CODE

This option allows the user to change the Admin Code.

2-6-1 CHANGE ADMIN CODE

The admin code disarms the entire system. The menu and
all programmable features can only be accessed with the
admin code.

GALAXY

CHANGE CODE

POWER   DIALING   ARMED

PRESS **ENTER**
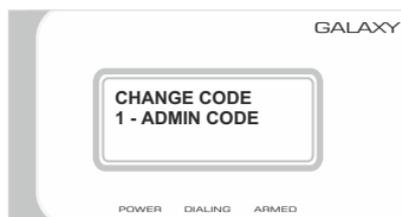
Press **1** to change **ADMIN CODE**

The screen will display:
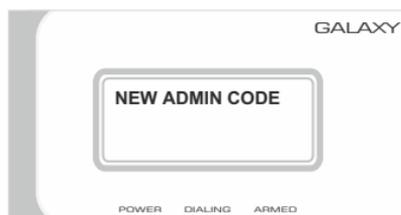
Note: The code must be 4 digits numerical.

The screen will display:
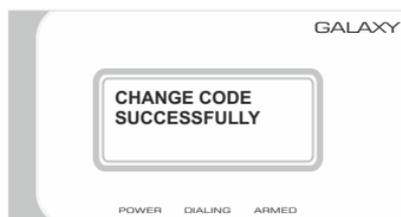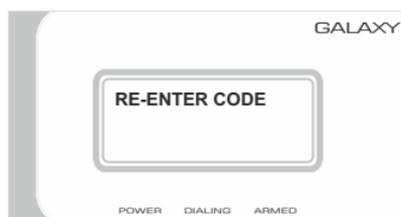
Note: If both new entered codes are not same an error message will be displayed and the code will not be changed.

2-6-2 CHANGE USER CODE (ONLY IN A16 MODEL)

This option allows user to change their user codes. There are 1 user in this panel and user can change only their code.

Enter previous code

GALAXY

CHANGE CODE

POWER   DIALING   ARMED

PRESS **ENTER**

GALAXY

CHANGE CODE
1 - USER CODE

POWER   DIALING   ARMED

Press **1** to change **USER CODE**
The screen will display:
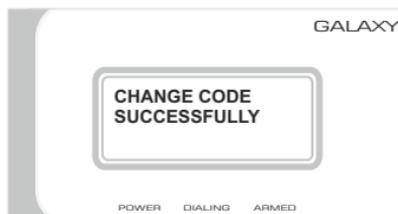
GALAXY

NEW USER CODE

POWER   DIALING   ARMED

The screen will display:

GALAXY

CHANGE CODE
SUCCESSFULLY

POWER   DIALING   ARMED

Note: If both new entered codes are not same, an error message will be displayed and the code will not be changed.

The screen will display:


```
                                    GALAXY

    PASSWORD NOT
              MATCHED
    PLEASE TRY
              AGAIN

         POWER    DIALING    ARMED
```
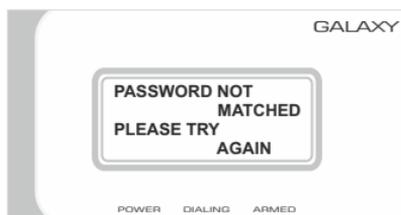
2-7 SET TIME & DATE

2-7-1 SET TIME

The RKP screen displays the time and date at all times. The time and date need to be set at the time of programming the panel. The same time setting is also used for the Auto Operation feature.


```
                                    GALAXY

    SET TIME & DATE
    1-SET TIME
    2-SET DATE

         POWER    DIALING    ARMED
```
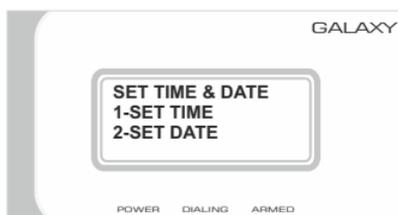
Press **1** to set time

The screen will display the current set time:


```
                                    GALAXY

    SET TIME & DATE
    SET TIME
    HH:MM
    09:45

         POWER    DIALING    ARMED
```
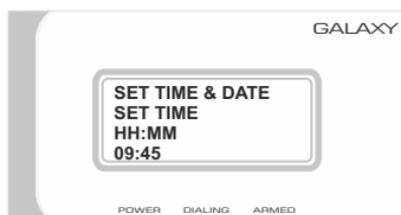
Use numeric keys to enter hours and minutes. Press **NEXT** to move to the next digit after entering each digit

To go to the previous digit option press **0**

Press **ENTER** to confirm.

2-7-2 SET DATE

GALAXY

```
SET TIME & DATE
1-SET TIME
2-SET DATE
```

POWER   DIALING   ARMED

Press **2** to set date

The screen will display the current set date:

GALAXY

```
SET TIME & DATE
SET DATE
DAY DT MNT YEAR
SUN 01 JAN  2017
```

POWER   DIALING   ARMED

Use **PANIC KEY** and **FULL KEY** to set days.

Press **NEXT** to shift the cursor to the next position.

Use numeric keys to set date.

Use **PANIC KEY** and **FULL KEY** to select the month

Use numeric keys to set year.

Press **NEXT** to shift the cursor to the next position.

Press **ENTER** to confirm.

2-8 TIMER SETTING

```
                                        GALAXY

        ┌─────────────────────────────┐
        │                             │
        │   TIMER SETTING             │
        │                             │
        └─────────────────────────────┘

              POWER     DIALING     ARMED
```

Press **ENTER**
The screen will display:

```
                                        GALAXY

        ┌─────────────────────────────┐
        │   TIMER SETTING             │
        │   1-ENTRY TIME              │
        │   2-EXIT TIME               │
        │   3-SOUNDER TIME            │
        └─────────────────────────────┘

              POWER     DIALING     ARMED
```

ENTRY TIME: The entry time is the time the user has to enter the code before the alarm sounds when entering from an entry / exit (delay) zone. This time is programmed by the user and can vary from 002 to 255 seconds.

EXIT TIME: The exit time is the time after arming the system in which any open entry / exit zones must be closed. This time is programmed by the user and can vary from 002 to 255 seconds.

SOUNDER TIME: The sounder time is the duration for which the alarm will sound in case of an alarm. This time is programmed by the user and can vary from 02 to 20 minutes.

GALAXY

TIMER SETTING
1-ENTRY TIME
2-EXIT TIME
3-SOUNDER TIME

POWER   DIALING   ARMED

Press **1** for **ENTRY TIME**

The screen will display:

GALAXY

ENTRY TIME
ENTER 2-255
SECONDS
030

POWER   DIALING   ARMED
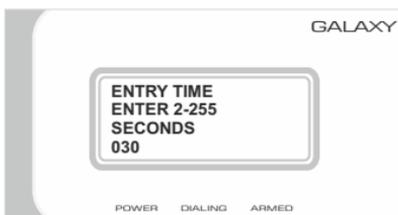
Enter a time between **002** to **255** seconds for **ENTRY TIME**

Press **ENTER** to confirm

GALAXY

TIMER SETTING
1-ENTRY TIME
2-EXIT TIME
3-SOUNDER TIME

POWER   DIALING   ARMED
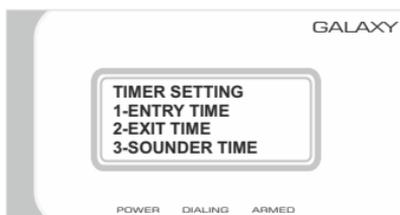
Press **2** for **EXIT TIME**

The screen will display:

GALAXY

EXIT TIME
ENTER 2-255
SECONDS
030

POWER   DIALING   ARMED
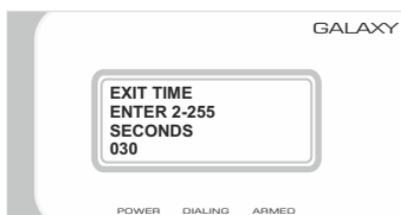
Enter time between **002** to **255** seconds for **EXIT TIME**
Press **ENTER** to confirm

2-8-3 SOUNDER TIME

GALAXY

> TIMER SETTING
> 1-ENTRY TIME
> 2-EXIT TIME
> 3-SOUNDER TIME

POWER   DIALING   ARMED
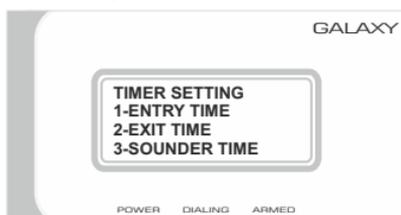
Press **3** for **SOUNDER TIME**

The screen will display:

GALAXY

> SOUNDER TIME
> ENTER 2-20
> MINUTES
> 02

POWER   DIALING   ARMED
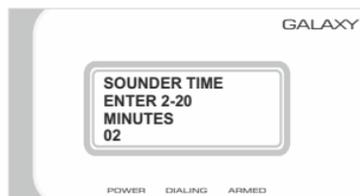
Enter time between **02 to 20** minutes for SOUNDER DURATION
Press **ENTER** to confirm

2-9 AUTO OPERATION

Auto Operation allows the panel to arm and disarm at a preset time Daily (automatic arming and disarming). There is also a provision for one holiday in a week when the panel will remain armed. Both automatic arming and disarming are independent features and can be used separately. This option can be manually overridden at any time by following standard arming and disarming procedure.

GALAXY

AUTO OPERATION

POWER   DIALING   ARMED

Press **ENTER**
The screen will display:

GALAXY

AUTO OPERATION
1-ARMING TIME
2-DISARMING TIME
3-SET HOLIDAY

POWER   DIALING   ARMED
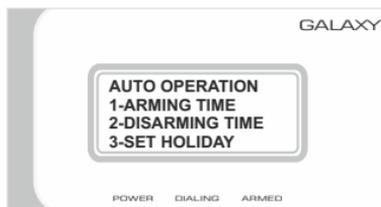
Press **1** for **AUTOMATIC ARMING TIME**
Press **2** for **AUTOMATIC DISARMING TIME**
Press **3** for **SET HOLIDAY**

2-9-1 ARMING TIME

Press **1** to set **AUTOMATIC ARMING TIME**

The screen will display

GALAXY

EDIT ARMING TIME
HH : MM   STATUS
00 : 00   DISABLE

POWER   DIALING   ARMED
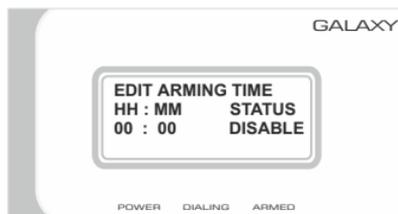
Press numeric keys from the key pad to set the desired
time in **24** hour **HH:MM** format.
(Press **NEXT** to move to the next digit after entering each
digit)

Use **FULL** and **PART** keys to toggle between **ENABLE** and **DISABLE.** This will either enable or disable automatic arming.

Press **ENTER** to confirm

2-9-2 DISARMING TIME

GALAXY

```
AUTO OPERATION
1-ARMING TIME
2-DISARMING TIME
3-SET HOLIDAY
```

POWER   DIALING   ARMED

Press **2** to set **AUTOMATIC DISARMING**

Follow the same procedure as automatic arming to set the disarming time and enable / disable function.

2-9-3 SET HOLIDAY

GALAXY

```
AUTO OPERATION
1-ARMING TIME
2-DISARMING TIME
3-SET HOLIDAY
```

POWER   DIALING   ARMED
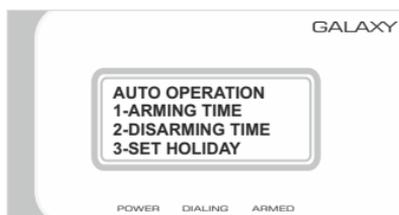
Press **3** to set holiday

The screen will display:

GALAXY

```
SET HOLIDAY
DAY            STATUS
SUN            DISABLE
```

POWER   DIALING   ARMED

Use **FULL** and **PART** keys to change the day

Use the **NEXT** button to move the cursor to **ENABLE / DISABLE.**

Use **FULL** and **PART** keys to toggle between **ENABLE** and **DISABLE.**

Press **ENTER** to confirm

2-10 TEXT SMS

The **GALAXY GSM** sends out two types of **TEXT SMS: ALARM** and **STATUS.** Alarm **SMS** are sent to all numbers where as Status **SMS** are sent to the first number of intrusion only.

ALARM SMS:
1. INTRUSION ALARM SMS
2. FIRE ALARM SMS
3. PANIC ALARM SMS
4. WRONG CODE ALARM SMS
5. TAMPER ALARM SMS

STATUS SMS:
1. AC POWER ON SMS
2. AC POWER OFF SMS
3. FULL ARM SMS
4. NIGHT ARM SMS
5. DISARM SMS
6. ADMIN CODE CHANGED SMS
7. USER 1 CODE CHANGED SMS
8. BATTERY LOW SMS
9. TELEPHONE NUMBER ADD SMS
10. TELEPHONE NUMBER REMOVE SMS
11. DISARM USER 1
12. HEALTH MESSAGE

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2-11 BUTTONS ON THE KEY PAD

2-11-1 PANIC BUTTON

The remote key pad has an onboard panic alarm activation.
To trigger the panic alarm:
Press **ENTER**
Press **PANIC**

2-11-2 FIRE ALARM

The remote key pad has an onboard fire alarm activation.
To trigger the fire alarm:
Press **NEXT**
Press **3/FIRE**

3 - OPERATING PROCEDURE 2 - THROUGH SMS

Control panel can operate remotely through mobile phone.
User can do following operations by sending SMSs:

1. Full Arm the System
2. Disarm the System
3. Change the Admin Code
4. Change Delay Time
5. Change Sounder Time
6. Set Auto Operation
7. Edit Schedule
8. Edit Numbers
9. Edit Name and Address
10. Alarm Reset
11. Sounder Stop
12. Record Voice Message
13. Play Voice Message

3-1 FULL ARM THE SYSTEM

<ADMINCODE><SPACE><FULL>
<SPACE><ARM><SPACE><END>

Example:

Refer to the illustration of the mobile phone screen for sample text message to program full arm the system.

New message
CONTROL PANEL NUMBER
1234 FULL ARM END
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123 ☺ ENTER
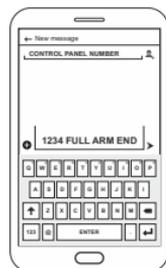
3-2 DISARM THE SYSTEM

<ADMIN CODE><SPACE>
<DISARM><SPACE><END>

Example:

Refer to the illustration of the mobile phone screen for sample text message to program disarm the system.

New message
CONTROL PANEL NUMBER
1234 DISARM END
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123 ☺ ENTER
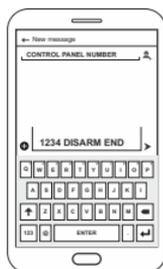
3-3 CHANGE THE ADMIN CODE

<ADMIN CODE><SPACE><CHANGE>
<SPACE><CODE><ENTER>
<#XXXX-YYYY*><SPACE><END>

XXXX = NEW CODE
YYYY = AGAIN NEW CODE

New message
CONTROL PANEL NUMBER
1234 CHANGE CODE
#5678-5678* END
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123 ☺ ENTER

Example:

Refer to the illustration of the mobile phone screen for sample text message to program the admin code is 5678.
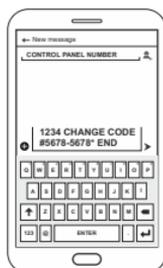
GALAXY 4016 GSM

3-4 CHANGE DELAY TIME

3-4-1 CHANGE ENTRY TIME

<**ADMIN CODE**><SPACE><**ENTRY**>
<SPACE><**TIME**><SPACE><**#XXX***>
<SPACE><**END**>

XXX = Time in seconds from 002 to 255

Example:
Refer to the illustration of the mobile phone screen for sample text message to program the entry time to 120 seconds.
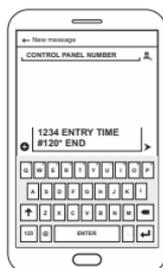
3-4-2 CHANGE EXIT TIME

<**ADMIN CODE**><SPACE><**EXIT**>
<SPACE><**TIME**><SPACE><**#XXX***>
<SPACE><**END**>

XXX = Time in seconds from 002 to 255

Example:
Refer to the illustration of the mobile phone screen for sample text message to program the exit time to 35 seconds.

3-5 CHANGE SOUNDER TIME

<**ADMIN CODE**><SPACE><**SOUNDER**>
<SPACE><**TIME**><SPACE><**#XX***>
<SPACE><**END**>
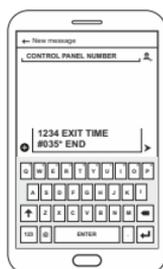
XX = Time in minutes (02-20 minutes)

Example:
Refer to the illustration of the mobile phone screen for sample text message to program the sounder time to 04 minutes.
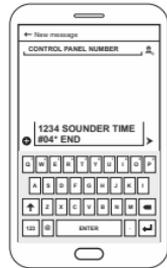
3-6 SET AUTO OPERATION

3-6-1 SET AUTOMATIC ARMING

<ADMIN CODE><SPACE><AUTO>
<SPACE><ARM><SPACE><#HH:MM*>
<SPACE><XXX><SPACE><END>

HH:MM = Time in HH:MM (24 hour format)

XXX   = ENA FOR ENABLE
              DIS FOR DISABLE

Example:
Refer to the illustration of the mobile phone screen for sample text message to program the automatic arming enable time 22:30 (10:30 pm).

3-6-2 SET AUTOMATIC DISARMING

<ADMIN CODE><SPACE><AUTO>
<SPACE><DISARM><SPACE>
<#HH:MM*><SPACE><XXX>
<SPACE><END>

HH:MM = Time in HH:MM (24 hour format)

XXX = **ENA** FOR ENABLE

DIS FOR DISABLE

Example:

Refer to the illustration of the mobile phone screen for sample text message to program the automatic disarming enable time 06:30.

3-6-3 SET HOLIDAY

<ADMIN CODE><SPACE><SET> <SPACE><HOLIDAY><SPACE><#XXX*> <SPACE><YYY><SPACE><END>

XXX = SUN, MON, TUE, WED, THU, FRI AND SAT

YYY = **ENA** FOR ENABLE

DIS FOR DISABLE

Example:

Refer to the illustration of the mobile phone screen for sample text message to enable on Monday as a holiday.
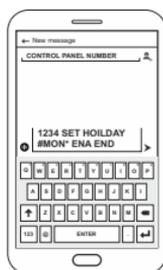
3-7 EDIT SCHEDULE

<ADMIN CODE><SPACE><SCHEDULE> <SPACE><CHANGE><ENTER><#XX-SS:TT,HH:MM,A,B*><SPACE><END>

XX = ZONE NO

SS:TT = Start time in HH:MM (24 hour format)

HH:MM = End time in HH:MM (24 hour format)

A = Sounder Enable / Disable

N = Sounder Disable

Y = Sounder Enable

B = Schedule Enable / Disable

N = Schedule Disable

Y = Schedule Enable

Example:

Refer to the illustration of the mobile phone screen for sample text message to enable user 1 schedule zone no 5 start from16:30 (04:30 pm) to 18:00 (06:00 pm) with enable sounder.

3-8 EDIT NUMBERS

3-8-1 EDIT INTRUSION NUMBERS

<**ADMIN CODE**><SPACE><**TEL**>

<SPACE><**NO**><SPACE>

<**INTRUSION**><SPACE><**#YY-**

XXXXXXXXXX*><SPACE><**END**>

YY = Phone no. location (01, 02, 03....10)

XXXXXXXXXX = 10 digits mobile number.

Example:

Refer to the illustration of the mobile phone screen for sample text message to add 1 telephone number in location number 4 for intrusion.
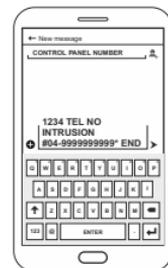
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REMOVE ONE SAVED TELEPHONE NUMBER IN INTRUSION

This option is used to remove one saved telephone number in intrusion.

<ADMIN CODE><SPACE><TEL>
<SPACE><NO><SPACE><INTRUSION>
<SPACE><#XX-REMOVE*><SPACE>
<END>

XX = Phone no. location (01, 02, 03....10)

Example:
Refer to the illustration of the mobile phone screen for sample text message to remove 1 telephone number in location number 6 for intrusion.
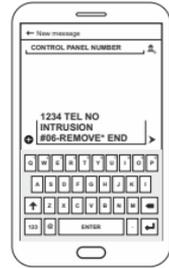
CONTROL PANEL NUMBER

1234 TEL NO
INTRUSION
#06-REMOVE* END

REMOVE ALL SAVED TELEPHONE NUMBER IN INTRUSION

This option is used to remove all saved telephone number in intrusion.

<ADMIN CODE><SPACE><INTRU>
<SPACE><CLEAR><SPACE><END>

Example:
Refer to the illustration of the mobile phone screen for sample text message to remove all saved number in intrusion.

CONTROL PANEL NUMBER

1234 INTRU CLEAR
END
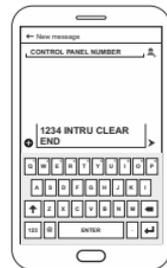
3-8-2 EDIT FIRE NUMBERS

<ADMIN CODE><SPACE><TEL>
<SPACE><NO><SPACE><FIRE>
<SPACE><#YY-XXXXXXXXXX*>
<SPACE><END>

YY = Phone no. location (01, 02, 03....10)

XXXXXXXXXX = 10 digits mobile number.

Example:

Refer to the illustration of the mobile phone screen for sample text message to add 1 telephone number in location number 3 for fire.
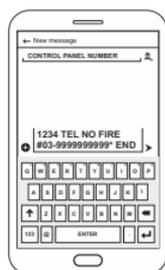
REMOVE ONE SAVED TELEPHONE NUMBER OF FIRE

<ADMIN CODE><SPACE><TEL>
<SPACE><NO><SPACE><FIRE>
<SPACE><#XX-REMOVE*><SPACE>
<END>

XX = Phone no. location (01, 02, 03....10)

Example:

Refer to the illustration of the mobile phone screen for sample text message to remove 1 telephone number in location number 5 for fire.
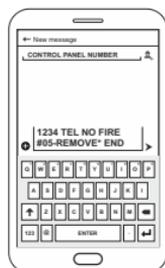
REMOVE ALL SAVED TELEPHONE NUMBER IN FIRE

This option is used to remove all saved telephone number in fire.

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\<**ADMIN CODE**\>\<SPACE\>\<**FIRE**\>
\<SPACE\>\<**CLEAR**\>\<SPACE\>\<**END**\>

Example:

Refer to the illustration of the mobile phone screen for sample text message to remove all saved number in fire.
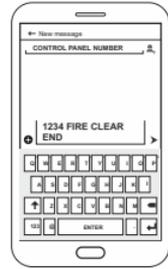
3-9 EDIT NAME AND ADDRESS

The user can set a signature be incorporated in all SMS sent by the panel.

\<**ADMIN CODE**\>\<SPACE\>\<**NAME**\>
\<SPACE\>\<**ADDRESS**\>\<SPACE\>
\<**#TEXT***\>\<SPACE\>\<**END**\>

TEXT: MAXIMUM 40 CHARACTER

Example:

Refer to the illustration of the mobile phone screen for sample text message to set a address (securico electronics) be incorporated in all SMS sent by the panel.
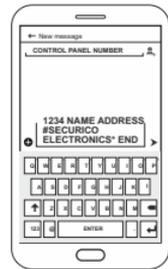
3-10 ALARM RESET

This message is to used to stop the sounder, sms and dialing

\<**ADMIN CODE**\>\<SPACE\>\<**ALARM**\>
\<SPACE\>\<**RESET**\>\<SPACE\>\<**END**\>

Example:

Refer to the illustration of the mobile phone screen for sample text message for alarm reset command.
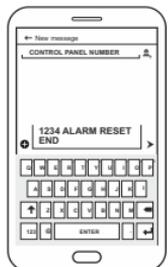
3-11 SOUNDER STOP

This message is to used only to stop the sounders only in case of an alarm.

<ADMIN CODE><SPACE><SOUNDER> <SPACE><OFF><SPACE><END>

Example:

Refer to the illustration of the mobile phone screen for sample text message for sounder off command.

3-12 RECORD VOICE MESSAGE

This function allows the user to record or re-record the intrusion or fire voice messages. In case of an intrusion or fire, the control panel starts dialing programmed telephone numbers to transmit prerecorded voice messages after sending SMS text messages.

3-12-1 RECORD INTRUSION VOICE MESSAGE

This function allows the user to record or re-record the intrusion voice message.

<ADMIN CODE><SPACE><RECO> <SPACE><INT><SPACE><MSG> <SPACE><END>

Example:

Refer to the illustration of the mobile phone screen for sample text message for record intrusion voice message command.
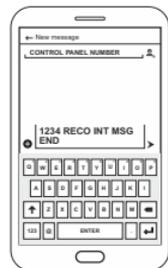
GALAXY 4016 GSM

3-12-2 RECORD FIRE VOICE MESSAGE

This function allows the user to record or re-record the fire voice message.

<ADMIN CODE><SPACE><RECO>
<SPACE><FIRE><SPACE><MSG>
<SPACE><END>

Example:
Refer to the illustration of the mobile phone screen for sample text message for record fire voice message command.

← New message

CONTROL PANEL NUMBER

1234 RECO FIRE MSG END
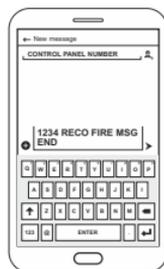
3-13 PLAY VOICE MESSAGE

This function allows the user to listen to recorded intrusion and fire voice messages.

3-13-1 PLAY INTRUSION VOICE MESSAGE

This function allows the user to listen to the recorded intrusion voice messages.

<ADMIN CODE><SPACE><PLAY>
<SPACE><INT><SPACE><MSG>
<SPACE><END>

Example:
Refer to the illustration of the mobile phone screen for sample text message for play intrusion voice message command.

← New message

CONTROL PANEL NUMBER

1234 PLAY INT MSG END
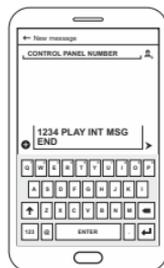
3-13-2 PLAY FIRE VOICE MESSAGE

This function allows the user to listen to the recorded fire voice message.

<ADMIN CODE><SPACE><PLAY>
<SPACE><FIRE><SPACE><MSG>
<SPACE><END>

Example:

Refer to the illustration of the mobile phone screen for sample text message for play fire voice message command.

4 - OPERATING PROCEDURE 3 - THROUGH MOBILE APP

Please refer to the app user guide in the android application.

5 - OTHER USEFUL INFORMATION

5-1 FORGOTTEN CODE

If the user has **FORGOTTEN** the **ADMIN CODE,** the panel has to be
reset to **FACTORY SETTINGS.**

To reset to factory settings:
Disconnect mains power supply and the battery from the main control panel.
Re-connect the power supply.
The remote key pad screen will display:

Press **2**

The panel will reset to factory settings and the **ADMIN CODE** will be reset to 1234.

Note: The programmed messages and telephone numbers stored in the panel will not be erased when the panel is reset to factory settings.

5-2 KEY PAD AND LCD LIGHTING

In order to make it easier to operate the control panel, both the key pad buttons and the LCD screen are fully backlit. The keypad and LCD screen will illuminate if a button is pressed or any delay zone is opened. The lights switch off automatically after one minute.

5-3 SAFETY FUSES

As an additional safety feature, the control panel has one mains AC fuse on the power supply card and two safety fuses on the battery charging board. In the event of an overload in the power supply, sounder or auxiliary supply circuits, a fuse will blow. This fuse must be replaced.

5-5 RETRIEVAL OF PREVIOUS SETTINGS

The control panel has a unique optional feature of retrieving the previous settings in case of complete

power failure. In case of complete power failure (AC and battery), when the system restarts, an option to retrieve previous settings or to reset to factory settings is given. Following information is retrieved in this case:

1. Arm or Disarm status
2. Admin Code
3. Entry, Exit and Sounder time
4. Automatic Arming & Disarming time
5. Holiday setting
6. Intrusion Log

5-6 UNIQUE BYPASS FEATURE OF 24 HOUR ACTIVE ZONE

In case any 24 hour is triggered (FIRE, PANIC, TAMPER) as soon as the sounder stops (either manually or after pre set sounder time) the panel will scan all open zones. If the panel found any 24 hour or any other zone open at that time, it will temporary bypass that zone. If the zone is a 24 hour active zone, the display on the LCD screen will show BYPASS PANIC or BYPASS FIRE or BYPASS TAMPER zone. User can use the system for arming and disarming till the service engineer comes to rectify the problem (in case if any 24 hour active zone or immediate zone wire has cut).

After rectifying the problem, the system will exit from the

GALAXY 4016 GSM

BYPASS PANIC, FIRE and TAMPER on following the below
steps :
Press **ENTER**
Press **EXIT**

6 - TECHNICAL SPECIFICATIONS

ELECTRICAL
REMOTE KEY PAD ONLY
Quiescent current : 30 mA Max.
Quiescent current with backlit LCD : 90 mA Max.

MAIN CONTROL STATION WITH ONE REMOTE KEY PAD
Quiescent current : 100 mA
Quiescent current with backlit LCD : 360 mA
Current with dialing : 530 mA Max.
Maximum sounder 1 current output : 1 A
Maximum sounder 2 current output : 1 A
Remote key pads : Up to three
Non-volatile Memory : Programming and Log
Zone response time : <500ms
Zone Loop Resistance : <5k ohm for NORMALLY CLOSED

POWER SUPPLY
Mains supply Voltage : 220+10%-15% 50Hz
Total current Output : 4A at 220V AC
Battery Voltage : 12V DC
Battery type : SMF Rechargeable
Battery Recharge Voltage : 13.8V +/-0.2V DC

ENVIRONMENTAL

Operating Temperature : 0C to 45C

Storage Temperature   : -20C to 60C

PHYSICAL

REMOTE KEY PAD

Dimensions : 310mm x 315mm x 100mm

MAIN CONTROL ENVIRONMENTAL

Operating Temperature : 0C to 45C

Storage Temperature   : -20C to 60C

PHYSICAL

REMOTE KEY PAD

Dimensions : 150mm x 121mm x 33mm

MAIN CONTROL STATION

Dimensions: 258mm x 230mm x 76mm

Max Battery Dimensions: 150mm x 110mm x 64mm

GSM

GSM Frequency : Dual Band 900MHz / 1800 MHZ

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GALAXY 4016 GSM A6 CONTROL PANEL

1)	+D1-	To	ZONE No. 1 Devices
			(Short with jumper if not applicable)
2)	+D2-	To	ZONE No. 2 Devices
			(Short with jumper if not applicable)
3)	+D3-	To	ZONE No. 3 Devices
			(Short with jumper if not applicable)
4)	+I1-	To	ZONE No. 4 Devices
			(Short with jumper if not applicable)
5)	+I2 -	To	ZONE No. 5
			Devices (Short with jumper if not applicable)
6)	+I3 -	To	ZONE No. 6 Devices
			(Short with jumper if not applicable)
7)	+I4 -	To	ZONE No. 7 Devices
			(Short with jumper if not applicable)
8)	+ I5-	To	ZONE No. 8 Devices
			(Short with jumper if not applicable)
9)	+P1 -	To	ZONE No. 15 Devices
			(Short with jumper if not applicable)
			By default PANIC zone.
10)	+P2-	To	ZONE No. 16 Devices
			(Short with jumper if not applicable)
			By default PANIC zone.
11)	+F1 -	To	ZONE No. 17 Fire Zone
			(NOT Short with jumper if not applicable)
12)	+F2-	To	ZONE No. 18 Fire Zone
			(NOT Short with jumper if not applicable)
13)	TAMP	To	Tamper Circuit
14)	+ HT -	To	Sounders

15) +AUX-   To   12V DC supply for Sensors & Remote Key Pads
16)   RA   To   A of Remote Key Pads
17)   RB   To   B of Remote Key Pads

REMOTE KEY PAD

1) A   To   RA of Control Panel
2) B   To   RB of Control Panel
3) '+'/'-'   To   + AUX- in the Control Panel.
4) TAMP   To   Tamper circuit in the Control Panel

GALAXY 4016 GSM A7 CONTROL PANEL

1)   +D1 -   To   ZONE No. 1 Devices
                      (Short with jumper if not applicable)
2)   +I1-   To   ZONE No. 4 Devices
                      (Short with jumper if not applicable)
3)   +P1 -   To   ZONE No. 15 Devices
                      (Short with jumper if not applicable)
                      By default PANIC zone.
4)   +F1 -   To   ZONE No. 17 Fire Zone
                      (NOT Short with jumper if not applicable)
5)   TAMP   To   Tamper Circuit
6)   +HT -   To   Sounders
7)   +AUX-   12V DC supply for Sensors & Remote Key Pads
8)   RA   To   A of Remote Key Pads
9)   RB   To   B of Remote Key Pads

REMOTE KEY PAD

1) A To   to   RA of Control Panel
2) B To   RB of Control Panel
3) '+' / '-'   To   + AUX- in the Control Panel.
4) TAMP   To   Tamper circuit in the Control Panel

GALAXY 4016 GSM

GALAXY 4016 GSM A6 CONTROL PANEL

+D1-	+D2-	+D3-	+I1-	+I21-	+I3-	+I4-	+I5-

+P1-	+P2-	+F1-	+F2-

+TMPR-	+HT-

RA RB	+AUX-	+AUX-

REMOTE KEYPAD

B	A	-	+

TAMP

GALAXY 4016 GSM A7 CONTROL PANEL

+D1-	+I1-	+P1-	+F1-	+TAMP-

+HT-

RA RB	+AUX-	+AUX-

REMOTE KEYPAD

B	A	-	+

TAMP

C E
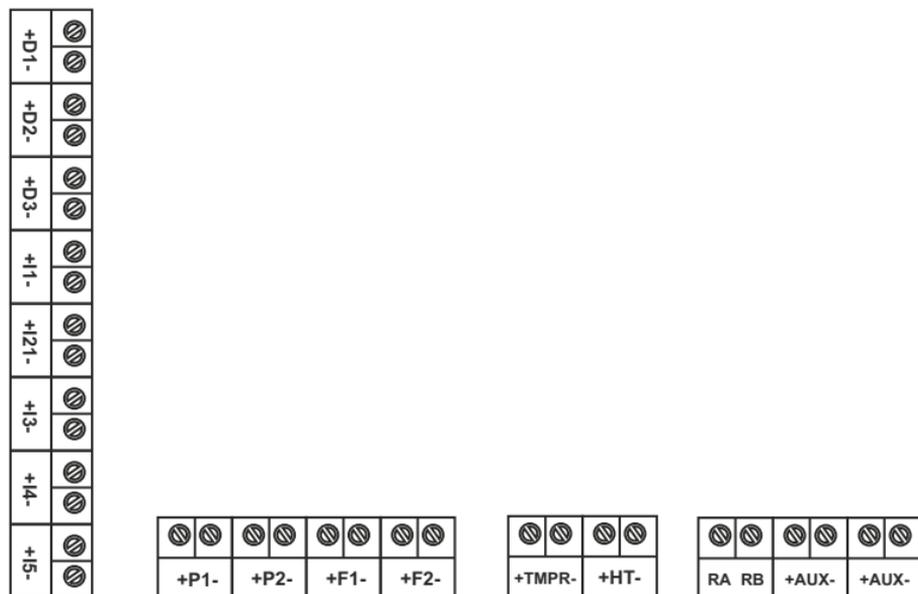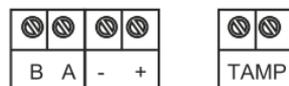
Integrated Security Systems

Intruder Alarm Systems

Fire Alarm Systems

GSM & PSTN Dialers

CCTV Surveillance Systems

Central Monitoring Station

SECURICO

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w w w . s e c u r i c o e l e c t r o n i c s . c o m