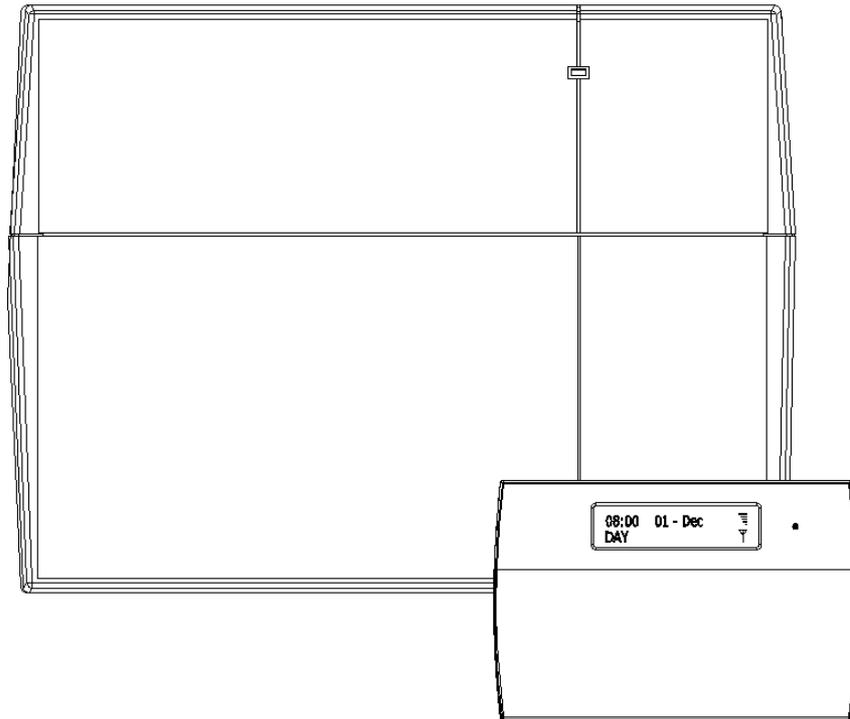


# LA5369 GSM DIALER OPERATING MANUAL



## Table of Contents

<b>Introduction.....</b>	<b>2</b>
<b>Feature.....</b>	<b>2</b>
<b>Usage.....</b>	<b>3</b>
<b>How to setup Control Panel 'Key switch' function.....</b>	<b>3</b>
<b>GSM Dialer Power on hint message .....</b>	<b>4</b>
<b>Defaulting Panel to Factory Settings .....</b>	<b>5</b>
<b>How to Change USER CODE using self-user code.....</b>	<b>5</b>
<b>How to Set up the system .....</b>	<b>6</b>
<b>How to go into Master Program Mode.....</b>	<b>6</b>
<b>1=Register Mobile .....</b>	<b>6</b>
<b>How to change Mobile number.....</b>	<b>6</b>
<b>2= Setup Codes .....</b>	<b>7</b>
<b>How to change User Code .....</b>	<b>7</b>
<b>How to delete User Code.....</b>	<b>8</b>
<b>3 = View Event Log.....</b>	<b>8</b>
<b>4 = How to Setup System .....</b>	<b>9</b>
<b>How to Setup Set Time .....</b>	<b>9</b>
<b>How to Setup Set Date.....</b>	<b>10</b>
<b>How to Restore to factor value using menu .....</b>	<b>10</b>
<b>How to Exit Master Program Menu .....</b>	<b>11</b>
<b>How to ARM or DISARM Mode.....</b>	<b>11</b>

## Introduction

GSM LCD dialer is a advanced component for security system, you may command it to control panel set ARM and DISARM via short message service. When control panel have triggered, SMS will be sent to your registered mobile to notifying you for your information.

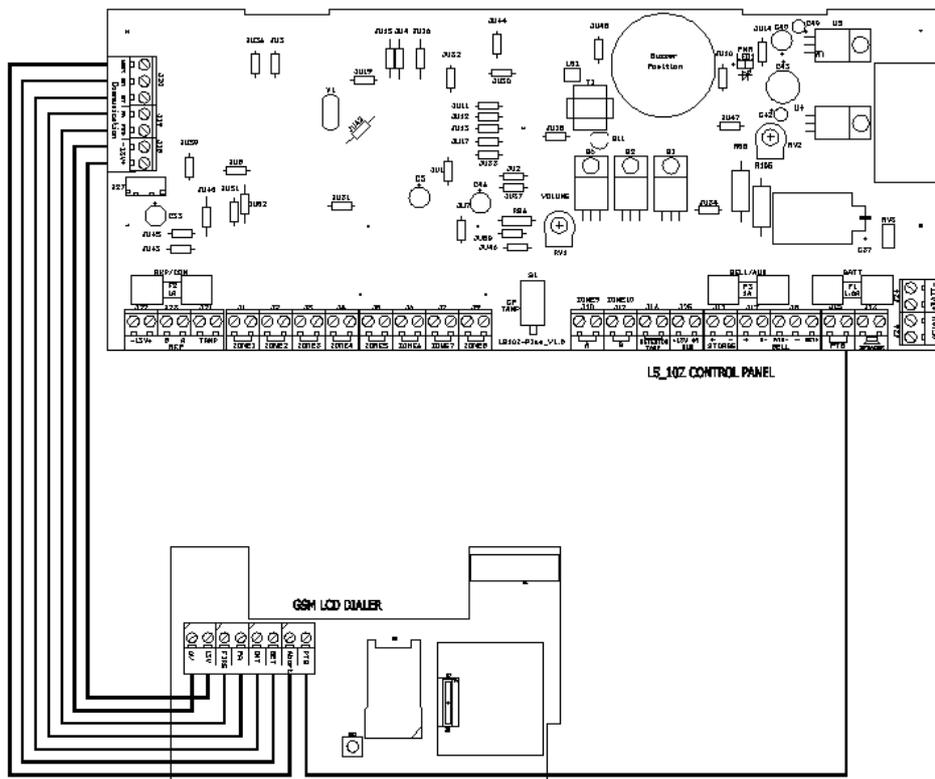
You can know what you want when you are anywhere.

## Feature

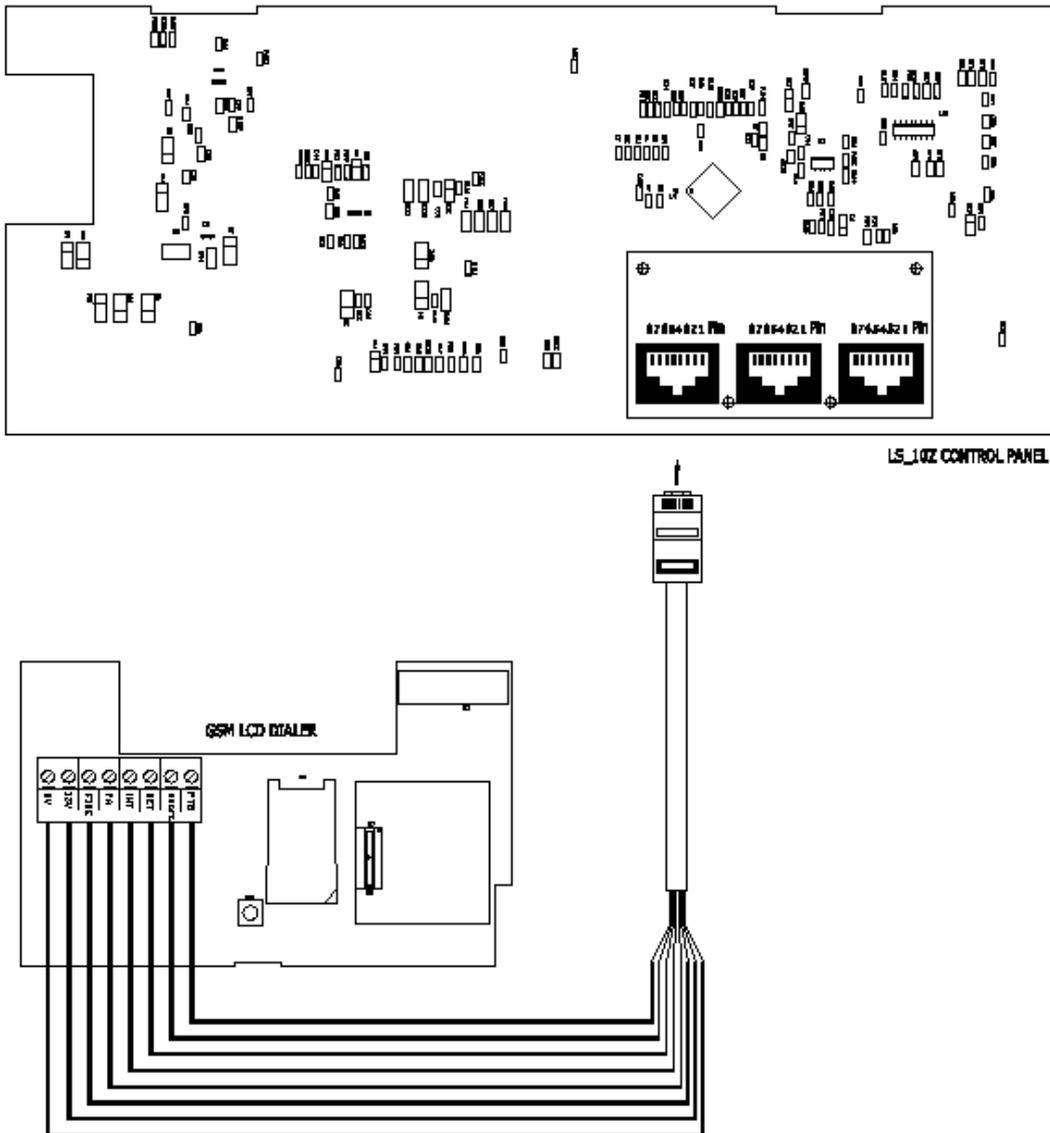
1. May register max three mobile numbers.
2. one master pin code (default pin: 0123) to setup system
3. Tamper protect function.
4. Modify pin
5. SMS COMMAND to set control panel going to Arm and disarm mode.
6. Eight terminals (five input for trigger as: Intruder, PA, ABORT, SET+ and Fire, two input for power supply DC 13V + and DC 13V -, one output terminal PTS for to control ARM or DISARM for control panel.
7. GSM receiving signal level may be indicated on LCD display.

(Below wiring diagram for GSM LCD DIALER connects with CEF 10 Zones wire security system for your reference)

### Wiring diagram



**GSM LCD dialer connect to CP via 8-core cable**



GSM LCD dialer connect to CP via CAT.5 with RJ45

**Usage**

**How to setup Control Panel 'Key switch' function**

- Operate Control panel, setup **key switch** function
- Enter Manager program mode  
Press **PROG** **0** **1** **2** **3**
- Press **3** key to require the Manage to authorize Engineer access.

**MANAGER MENU**  
Setup Codes?

**MANAGER MENU**  
Authorise Engr?

- Press **PROG** to accept. It will give a 3hr window to operate the Engineer operation mode.
- Press **PROG** to accept, the accept tone will be generated.
- Press **RESET** to go back DAY mode.
- Input 4-digit Engineer code **9 9 9 9** and go to Engineer operation window within 5 seconds.
- Press **5** **PROG** keys go into **Setup System** function.
- Press **2** **PROG** keys go into Setup **Flags 2**
- Press **PROG** key accept be selected flag.
- Press **DOWN** or **UP** key to toggle ON/OFF,
- Press **PROG** to save.
- Press **RESET** to go back DAY mode.

**Engr Authorised  
for 3 hours**

**MANAGER MENU  
Set Chime Zones?**

**00:26:15 08-Aug  
DAY**

**LC ENGINEER MENU  
Setup Programs?**

**SETUP SYSTEM  
Flags 1?**

**SELECT FLAG 2  
Key switch?**

**Key switch  
OFF**

**SELECT FLAG 2  
PTS as Doorbell?**

**00:26:15 08-Aug  
DAY**

## GSM Dialer Power on hint message

- Display software version.
- Initial GSM module.
- It is about one minute for initial to setup GSM module.
- GSM module has finished setting of power on.

**LCD GSM DIALER  
Version: V1.8**

**Init GSM Module**  
.

**Init GSM Module**  
.....

**08:00 01-Dec**   
**DAY** 

## Defaulting Panel to Factory Settings

You will change the value of all parameters to factory default value when you set it.

**CAUTION:** All configurations of the panel are restored to factory default conditions.

To default to factory settings:

- Power down the GSM LCD Dialer.
- Press and hold   keys.
- Power up.
- Wait about 3 seconds, LCD display “Reset NVM OK”
- Release press keys and system initial GSM module.

LCD GSM DIALER  
Version: V1.8

Reset NVM OK

Init GSM Module  
.

## How to Change USER CODE using self-user code

- System work in Day mode
- or system work in SET mode.
- Go into User Menu  
Press     
- Input new code (4-digit)
- Press  to save and return to Day mode.

08:00 01-Dec  
DAY

08:00 01-Dec

Enter your code  
\*\*\*\*\*

USER CODE  
\*\*\*\*

08:00 01-Dec  
DAY

Duplicate Code!

08:00 01-Dec  
DAY

If the 4-digits is the same as old, then display ‘Duplicate Code’

press any key return to Day mode and no change code.

## How to Set up the system

The full menu structure for the panel can only be accessed while in Master Program Mode. The structure is shown in the following table:

MENU OPTIONS
1 Register mobile
2 Set up codes
3 View Event log
4 Set up system

## How to go into Master Program Mode

- System work in Day mode

or system work in SET mode.

- Go into Master Menu

Press **PROG** **0** **1** **2** **3**

- Master Menu hint.

08:00 01-Dec  
DAY

08:00 01-Dec

Enter your code  
\*\*\*\*\*

MASTER MENU  
Register Mobile?

## 1=Register Mobile

There are 3 Mobile Number can be created in the system,, all are 16-digit and can be set.

1 = Mobile Number 1, 2 = Mobile Number 2, 3 = Mobile Number 3

## How to change Mobile number

Under Master Menu.

- Press **1** **PROG** keys go into **Setup Codes** function.

• Press **1** ... **3** or **ON** or **↓** key to select a Mobile Number that you want to set.

Note: **1** = mobile number 1, ... **3** = mobile number 3

MASTER MENU  
Register Mobile?

REGISTER MOBILE  
Mobile Number 1?

- Press **PROG** key to accept and go into set the mobile number.

**SETUP MOBILE NUM**  
\_

Set new mobile number: 13407691111

Input new mobile number: **1 3 4 0 7 6 9 1 1 1 1**

**SETUP MOBILE NUM**  
**13407691111\_**

- Press **PROG** to save. or Press **RESET** key will without change the obile number and to go to modify next mobile number, if the number is“**Mobile Number 3**”, it will leave “**Register Mobile**” and go to next menu “**Setup Codes**”

**REGISTER MOBILE**  
**Mobile Number 3**

- Press **RESET** to return to master menu.

**MASTER MENU**  
**Setup Codes?**

## 2= Setup Codes

There are 4 user codes can be created in the system,, all are 4-digit and can be set to any number from 0000 to 9999. The access codes ensure that only authorized users can operate the system.

1 = user 1, 2 = user 2, 3 = user 3, 4 = master

### User 1 – User3codes:

The user 1 to user 3 codes have the same operation for testing and Setting and Unsetting, changing their own code.

### Master code

To operate the alarm system you will need to use a code. A code is 4 digits long, and can be any number from 0000 to 9999. By default master code is **0 1 2 3** you should change this as soon as possible.

## How to change User Code

This option allows each of the users to be given a code.

Under Master Menu.

- Press **2** **PROG** keys go into **Setup Codes** function.
- Press **1** ... **4** or **ENT** or **↓** key to select a code that you want to set.

Note: **1** =user 1, ... **3** = user 3, ... **4** = master

- Press **PROG** to accept and go into set the user.

**MASTER MENU**  
**Setup Codes?**

**SELECT CODE**  
**User 1?**

- Press **1** key to select **Change Code** function.

**SETUP CODE**  
**Change Code?**

- Press **PROG** key go into **Change Code** function.

**USER CODE**  
\*\*\*\*

- If no code programmed, then display
- Input new code (4-digit)

**USER CODE**  
- . . .

- Press **PROG** to save. If the 4-digits is the same as old, then display 'Duplicate Code'
- press any key to leave, it goes to "Delete Code"

**Duplicate Code!**

- Press **RESET** key will without change the code and exit.
- Press **RESET** **RESET** key to return to master menu.

**SETUP CODE**  
**Delete Code?**

## How to delete User Code

Under Master Menu.

- Press **2** **PROG** keys go into **Setup Codes** function.

**MASTER MENU**  
**Setup Codes?**

- Press **1** ... **4** or **ENT** or **↓** key to select a code that you want to set.

**SELECT CODE**  
**User 1?**

Note: **1** =user 1, ... **3** = user 3, ... **4** = master

- Press **PROG** to accept and go into set the user.
- Press **2** key to select **Delete Code** function.
- Press **PROG** key will go into delete the user code function.

**SETUP CODE**  
**Delete Code?**

**Delete the Code?**  
**Press PG for yes**

- Press **PROG** key will delete the user code or press **RESET** key to cancel and go to modify next code.
- If the code is "**Master codes**", it will leave "**Setup Codes**" and go to next menu "**View Event Log**". Press **RESET** to return to master menu.

**SELECT CODE**  
**Master Code?**

**MASTER MENU**  
**View Event Log?**

## 3 = View Event Log

The event log gives a display of all the events that have taken place. The events are arranged by date and

time. Up to 43 events can be stored in the memory. When the log reaches 43 events and another event takes place, the first event drops out. The system is known as FILO (First In Last Out).

To view the event log:

Under Master Menu

- Press **3** key to select **View Event Log** function.
- Press **PROG** to accept and most recent event shown first.
- View older event log using **OMT** or **2** key.
- View newer event log using **↓** or **3** key.
- View oldest event log using **1** key.
- View newest event log using **4** key.
- Press **9** to select clear all alarm events.
- Press **PROG** to accept.
- or Press **RESET** to cancel and go to next menu “**Setup System**”.

**MASTER MENU**  
**View Event Log?**

**FIRE Trigger**  
**08:12 05-Dec 43**

**PANIC Trigger**  
**08:12 04-Dec 42**

**FIRE Trigger**  
**08:12 05-Dec 43**

**INTRUDER Trigger**  
**08:08 01-Dec 01**

**FIRE Trigger**  
**08:12 05-Dec 43**

**Clear Event Log**  
**Press PG for yes**

**MASTER MENU**  
**Setup System?**

## 4 = How to Setup System

### How to Setup Set Time

The time can be modified in hours, minutes in the format HH:MM. you must set it correctly, or else System will generate an error tone and not save the changes.

Under Master Menu.

- Press **4** **PROG** keys go into **Setup System** function.

**MASTER MENU**  
**Setup System?**

**1**

- Press **2** to select **Set Time** function.

**SETUP SYSTEM**  
**Set Time?**

- Press **PROG** to accept. Display current time.

**Set Time HH:MM**  
**00:00**

set new time to 12:02

- Press **1 2 0 2** number keys.

**Set Time HH:MM**  
**12:02**

- Press **PROG** to save it and clear second time, or press **RESET** cancel, it will exit and go to “**Set Date**”.

**MASTER MENU**  
**Set Date?**

## How to Setup Set Date

The date can be changed in day, month, year format DD/MM/YY. The method of set date is the same as how to set time.

e.g. Set current system date: 28-12-2010

Under Master Menu.

- Press **4** **PROG** keys go into **Setup System** function.

**MASTER MENU**  
**Setup System?**

- Press **2** to select **Set Date** function.

**SETUP SYSTEM**  
**Set Date?**

- Press **PROG** to accept, display current date.

**Date: DD/MM/YY**  
**01/12/10**

- Enter system date: Day/Mon/Year(6-digits)

- Press **2 8 1 2 1 0** number keys.

**Date: DD/MM/YY**  
**28/12/10**

- Press **PROG** to save it, or press **RESET** to cancel, it will exit and go to “**Reset NVM?**”.

**SETUP SYSTEM**  
**Reset NVM?**

## How to Restore to factor value using menu

You will change the value of all parameters to factory default value when you set it.

**CAUTION:** All configurations of the panel are restored to factory default conditions.  
To default to factory settings:

Under Master Menu.

- Press **4** **PROG** keys go into **Setup System** function.
- Press **3** to select **Reset NVM** function
- Press **PROG** go into Reset NVM function.
- Press **PROG** to accept and restore to factor value.
- Finished and return to next option.

**MASTER MENU**  
**Setup System?**

**SETUP SYSTEM**  
**Reset NVM?**

**Reset NVM**  
**Press PG for yes**

**MASTER MENU**  
**Register Mobile?**

## How to Exit Master Program Menu

Under Master Menu.

- Press **RESET** key return to top of Master menu.
- Press **RESET** key to exit Master program mode, return to Day mode, and two accept beep sound are heard .

**MASTER MENU**  
**Setup Codes?**

**08:00** **01-Dec**   
**DAY** 

## How to ARM or DISARM Mode

**Note: Make sure control Key switch function is ON.**

ARM mode SMS command format as following (case insensitive):

User pin code (4-digital) + ARM (arm)

e.g. 0123 ARM

DISARM mode SMS command format as following (case insensitive):

User pin code (4-digital) + DISARM (disarm)

e.g. 0123 disarm

GSM send SMS format to mobile as following:

Action event	SMS content	Note
ARM action	Mobile number + 'release on'	Mobile number Sent SMS 'ARM' command.
DISARM action	Mobile number + 'release off'	Mobile number Sent SMS 'ARM' command.
FIRE input	FIRE trigger	
PA input	PANIC trigger	
INT input	INTRUDER trigger	
SET high level input	SET on	
SET low level input	SET off	
ABORT input	ABORT trigger	