

Summit 3208GLD

CONTROL PANEL

USER MANUAL



Electronics Line

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 Hereby, Electronics Line declares that this control panel is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. All data is subject to change without prior notice.

1: Introduction

Congratulations on purchasing the Summit 3208GLD security system. You have taken a major step in protecting your home or business. In addition to the explanation you will receive from your installer, we urge you to read through this manual so that you can take full advantage of its features. Keep this manual in an accessible location for future reference.

Note: Remember that no security system can prevent emergencies. This system is only intended to alert you in case of an emergency and should not take the place of prudent security practices or life and property insurance.

IMPORTANT

The Summit 3208GLD has many features to suit a wide range of applications. This manual outlines all of these features but it is likely that there are options that are not relevant to your system. If you have any questions regarding the availability of the features described in the manual, please ask your installer.

2: Overview

Your security system is made up of a control panel, one or more keypads, and various detectors and sensors. The metal cabinet contains the control panel and the stand-by battery. There is normally no reason for anyone but the installer to have access to the control panel.

Keypads

System operation is performed using any of the keypads installed with your system. They are usually mounted in areas close to the entrance of your home or business for convenience. Keypads are available with either an LCD or LED display that provide a user-friendly interface with the Summit 3208GLD security system.

Zones

The Summit 3208GLD security system comprises 8 security zones expandable to 32. A zone can be defined as a protected area in your security system. Each zone can be protected by one or more detection devices such as motion detectors, magnetic contacts, glassbreak detectors and shock sensors. When one of these detection devices is activated it “opens” the zone to which it is connected.

System Monitoring

Your security system can be monitored either by a monitoring service or by using the Follow-me feature. When using a monitoring service, the Summit 3208GLD sends a message to a central station when an event occurs within your system. The Follow-me feature enables you to enter the telephone number where you can be reached, in order for the system to contact you when an event occurs.

Partitioned Systems

The Summit 3208GLD can be partitioned into individual sub-systems that operate as separate security systems. In this mode, each sub-system operates as normal though more than one keypad can not be used simultaneously. You must wait until the first keypad has completed its operation.

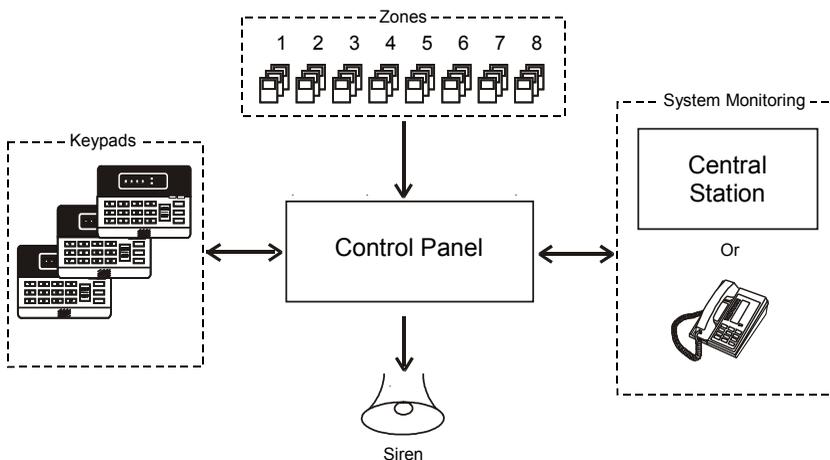


Figure 2.1: Typical Security System Setup

3: Keypad Functions

3.1: Keypads

The Summit 3208GLD security system supports the keypads pictured in Figure 3.1. The layout for each keypad differs but the operation instructions for all the keypads are identical.

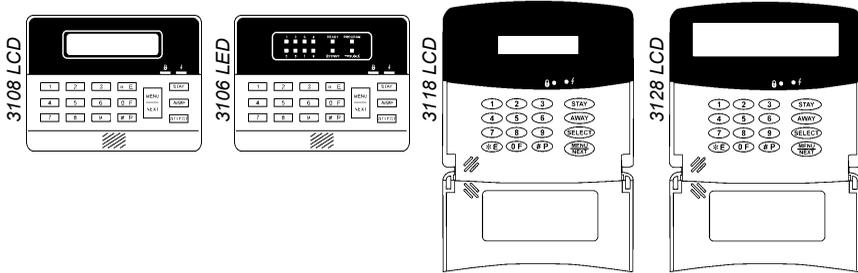


Figure 3.1: 3208GLD Keypads

For simplicity, this manual relates to the 3108 LCD in all the operating instructions. If your security system includes 3106 LED keypads, refer to 8: LED Keypad Operation.

3.2: 3108 LCD Keypad Layout

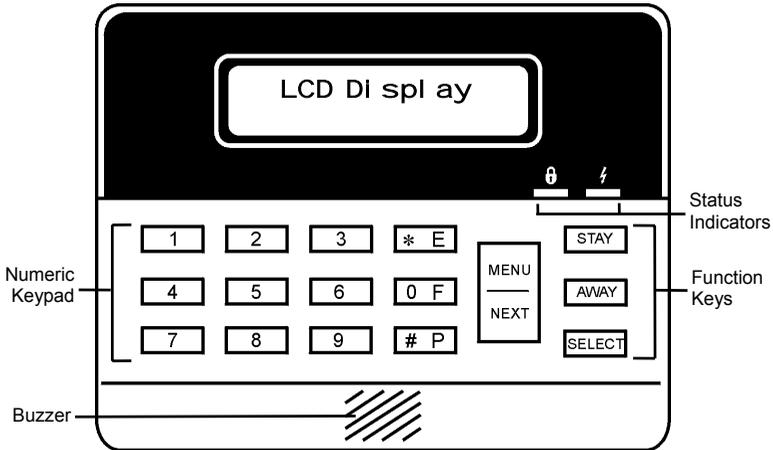


Figure 3.1: 3108 LCD Keypad Layout

The 3108 LCD keypad includes a 32-character liquid crystal display. All operations are performed using the numeric keypad and the function keys: STAY, AWAY, SELECT and MENU/NEXT.



ARMED: The Armed LED lights up to indicate the system is armed and goes out when the system is disarmed.



POWER: The Power LED lights up when both AC & battery power are OK, blinks when the battery is low & AC power is OK and goes out in the event of AC power failure.

4: Basic System Operation

4.1: Arming and Disarming

Arming can be defined as activating the system. When the system is armed, it monitors the zones that are protected using the various connected detection devices. If a detection is made, the zone is opened and an alarm is generated.

Likewise, if a zone is opened when the system is disarmed an alarm is not generated – *this does not apply to 24hr zones that are always active regardless of system status.*

Two main arming modes are available, “Away” and “Stay”, these modes enable you to arm the whole security system or only the zones that protect the perimeter of the protected premises.

Note: If one-key arming is enabled, it is not necessary to enter your user code when arming the system.

Away Arming

Away arming activates the entire system. You use this method of arming when leaving the premises.

To Away arm the system:

1. Check that no zones are open (i.e. all entrances are secured and the premises are empty) so that the system is “ready” for arming.
2. Press the AWAY key.
3. Enter your user code; the LCD displays “SYSTEM X ARMED, XX SEC TO EXIT!”
4. Exit the area within the exit delay count down. **Note: Failure to exit during the exit delay will result in an alarm.**

Stay Arming

Stay arming activates the system’s perimeter zones. When only the perimeter is armed, you are able to wander freely in the protected area without triggering an alarm. Stay arming is usually used to arm a home at night.

To Stay arm the system:

1. Check that no perimeter zones are open (i.e. all doors and windows are secured) so that the system is “ready” for arming.
2. Press the STAY key.
3. Enter your user code; the LCD displays “SYSTEM X ARMED, XX SEC TO EXIT!”, at the end of the delay, the system is armed.

Disarming

When you enter the premises, the keypad chimes for the duration of the entry delay. You must disarm the system within the entry delay time to prevent the system from triggering an alarm.

- To disarm the system, enter your user code.

Alarm Indication

In the event that an alarm has occurred, the LCD displays information regarding the zone that generated the alarm. This information is displayed until the next time the system is armed. The example, shown in Figure 4.1, indicates that an alarm has occurred in Zone 4 - Bedroom. **Note: If upon returning to the premises your panel indicates an alarm has taken place, leave immediately and telephone the monitoring service or the relevant authorities.**



Figure 4.1: Alarm Indication

4.2: Distress Keys

In the event of an emergency, you can trigger three kinds of alarm from the keypad.

To generate a distress key alarm:

1. Press and hold down the MENU/NEXT key.
2. Keeping the MENU/NEXT key held down, press E, F or P for more than 1 second.

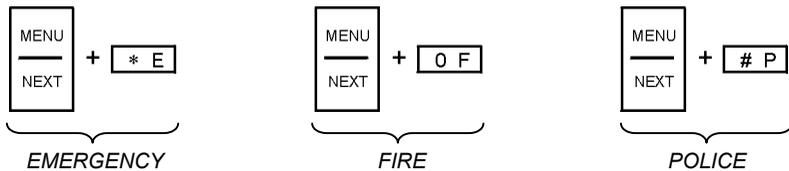


Figure 4.2: Distress Keys

5: Advanced System Operation

The procedures included in this section are all performed using the command code for each function. For quick reference, all command codes are listed on the pull up card located at the rear of the keypad or on the inside of the keypad's door.

Alternatively, you can select functions by browsing through the menu as explained in the following section.

5.1: Menu Navigation

To select an item from the menu:

1. Press MENU/NEXT; the first item in the main menu is displayed.
2. Press MENU/NEXT to scroll through the menu. Press "*" to scroll backwards.
3. Press SELECT to select the displayed menu item (indicated by the arrow, ">").

Certain menu items require you to enter your user code in order to gain access.

To exit the menu at any time, press AWAY.

The following is a list of menu items and their shortcut command codes.

1 - DISARM	421 - WALK TEST	64 - SHOW VERSIONS*
2 - ARM	422 - BELL TEST	7 - PROGRAMMING*
21 - PERIMETER ARM	423 - TELEPHONE TEST	71 - MANUAL PROG.*
22 - NORMAL ARM	425 - SYSTEM TEST*	72 - LOAD DEFAULT*
23 - LATE TO CLOSE	426 - BATTERY TEST*	74 - REMOTE PROG.*
3 - BYPASS	43 - FIRE SENSOR RESET	741 - OFF HOOK*
31 - BYPASS ZONE	44 - BELL CANCEL	742 - CALLBACK*
32 - UNBYPASS ZONE	45 - STOP COMM.	75 - PERIPHERALS*
33 - CHIME ON	46 - FOLLOW ME	8 - AUX RELAY*
34 - CHIME OFF	5 - USER CODES	83 - RESET RELAY*
39 - UNBYPASS ALL	6 - VIEW/LOG	84 - SET RELAY*
4 - SERVICE	61 - VIEW LOG	9 - ACCESS CONTROL
41 - SET TIME & DATE	62 - CLEAR LOG	
42 - TEST	63 - PRINT LOG	

*Installer Functions

5.2: Bypassing Zones

When a zone is bypassed, it is ignored by the system and does not generate an alarm when opened.

To bypass a zone:

1. Select Bypass Zone from the Bypass menu or press SELECT, 3,1.
2. Enter your user code.
3. Enter the number of the zone you want to bypass; a scrolling list of bypassed zones is displayed on the LCD.
4. Press AWAY to exit.

Note: the Summit 3208GLD can be expanded to 32 zones. In such systems, the control panel waits for an extra digit when you try to bypass zones 1, 2, or 3. This allows you to bypass the additional zones (for example, zones 11, 24 or 32). In this case, press MENU/NEXT to indicate that no additional digit is necessary.

To unbyypass a zone:

1. From the Bypass menu, select Unbyypass or press SELECT, 3, 2.
2. Enter your user code and the bypassed zone number.
3. Press AWAY to exit.

To unbyypass all zones:

1. From the Bypass menu, select Unbyypass All or press SELECT, 3, 9.
2. Enter your user code.

5.3: Chime ON/Chime OFF

Using this feature, you can set a zone to cause the keypad to chime when opened.

To set a zone to chime:

1. Press SELECT, 3,3.
2. Enter your user code.
3. Enter a zone number; the zone is programmed to chime when opened.

To deactivate the zone chime:

1. Press SELECT, 3, 4.
2. Enter your user code.
3. Enter the zone number; the zone will not chime when opened.

5.4: Set Time and Date

To set the time and date:

1. Press SELECT, 4, 1.
2. Enter your user code.
3. Enter the date (DDMMYY).
4. Enter the time in 24 hour format (HHMM).
5. Press SELECT; the modifications to the time and date take effect.

On the LCD keypad, pressing # when the panel is in standby mode toggles the time display to either 24hr or 12hr format.

5.5: Fire Sensor Reset

If programmed by the installer, smoke detectors must be manually reset after detection.

To manually reset smoke detectors:

1. Press SELECT, 4, 3.
2. Enter your user code.

5.6: Bell Cancel

To cancel bell operation:

- Enter your user code.

If the system is armed, this cancels the bell and disarms the system. If the system is disarmed, only the bell is cancelled.

When the keypad is mounted outside the protected area or when the system is armed using the Stay method, you may want to cancel the bell without disarming.

To cancel bell operation without disarming the system:

1. Press SELECT, 4, 4.
2. Enter your user code.

5.7: Stop Communications

To stop the control panel communicating with the monitoring service:

1. Press SELECT, 4, 5.
2. Enter your user code; all communication buffers are cleared and all communications stop immediately.

5.8: Follow Me

In addition to the services provided by professional monitoring companies, the Summit 3208GLD is able to contact you to inform that an event has occurred within the system.

To program the Follow Me telephone number:

1. Press SELECT, 4, 6.
2. Enter your user code.
3. Enter the required telephone number (up to 16 digits, # = 3-second pause, * = switch to tone dialing). **Note: The * key will appear on the display as “T” and the # will appear as “,”.**

5.9: User Codes

User codes permit or restrict access to various operations such as arming and disarming the system. The Summit 3208GLD enables you to program 15 individual user codes with 15 different authorization levels. Each user code can be programmed with 3 to 6 digits.

To program user codes:

1. Press SELECT, 5.
2. Enter your user code; user 1 is displayed.

Figure 5.1 shows a typical user code as it appears on the LCD display. In the example User Code 1 (authorization level 10) is programmed as **1234** – a 4-digit code assigned to System 1.

The current field is indicated by “>”.

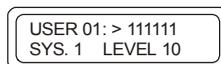


Figure 5.1: User Codes

3. Press MENU/NEXT to scroll to the user codes you want to program.
4. To move from field to field, press SELECT.
5. To change the value of the current field, enter the required value.
6. Press AWAY to exit user code programming or MENU/NEXT to program the next user code.

Authorization Levels

The following table shows the operations available to each authorization level. Note that Level 10 is the highest authorization level offering access to all operations.

	Away Arm	Stay Arm	Disarm	Bell Cancel	Chime ON/OFF	Fire Sensor Reset	Set/Reset Relay	Follow-me	Access Control	Bypass/Unbypass	Set Clock	Late to Close	View Log	Clear Log	Remote Programming	Stop Communications	Program User Codes	Tests	Programming
Level 0	<i>Access denied to all functions</i>																		
Level 1	✓																		
Level 2	✓	✓																	
Level 3	✓	✓																	
Level 4	✓	✓	✓	✓	✓	✓	✓												
Level 5	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓						
Level 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Level 7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Level 8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Level 9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Level 10*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Level 11	<i>Not available</i>																		
Level 12																		✓	✓
Level 13													✓	✓					
Level 14																		✓	
Level 15**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Master Code

**Duress Code

System Allocation

Each user code is assigned to a system. This is only relevant if your security system is partitioned into sub-systems. When programming user codes, define the system to which the user code belongs. Assigning a user code to System 5 gives the user access to all available sub-systems. **Note: If your security system is unpartitioned, assign all codes to System 1.**

5.10: Event Log

The event log records the last 100 events that the system has undergone. The event log uses the FIFO (first in, first out) method. Once the log is full, the oldest event will automatically be erased.

In the example (Figure 5.2), the log shows that an alarm occurred in Zone 2 - Bedroom at 12:50 on the 23rd of the month.

To view the event log:

1. Press SELECT, 6, 1.
2. Enter your user code; the most recent event is displayed.
3. Press MENU/NEXT to scroll through the previous events.

23 12:50 ALARM BEDROOM 02

Figure 5.2: Event Log

4. Press AWAY to exit the log.

To clear the event log:

1. Press SELECT, 6, 2.
2. Enter your user code; the event log is erased and the “End of Log “ message is displayed. After the log is cleared, the Armed LED stops flashing and all zone in alarm messages are cleared.



Figure 5.3: End of Log

An add-on module is available that enables you to print the log using a standard printer.

To print the log:

1. Press SELECT, 6, 3.
2. Enter your user code.

5.11: Access Control

This feature enables you to open an electric door latch from the keypad.

To use the Access Control feature:

1. Press SELECT, 9.
2. Enter your user code.

5.12: Opening and Closing Windows

This feature is designed for systems installed in properties that are armed and disarmed at regular times during the week. For example, a shop that is opened at 8:00am and closed at 5:00pm Monday to Friday.

As an extra security measure, the Summit 3208GLD can be programmed to send a message to the central station if the system is not armed or disarmed at the regular times. In the above example, a time “window” of 30 minutes could be programmed around the shops opening and closing times (i.e. 7:45 to 8:15am and 4:45 to 5:15pm).

A message can also be sent if the system is armed and disarmed at irregular times.

To prevent situations where the premises are vacated without having armed the system, the Summit 3208GLD can be programmed to automatically arm at the end of a closing window.

Late to Close

If you want to stay on the premises and arm the system at a later time, you can delay the closing window time using the “Late to Close” command.

To set a later closing time:

1. Press SELECT 2, 3.
2. Enter the system number.
3. Enter your user code.
4. Enter the new closing hour in 24Hr format (HH).

Latch-key

The Latch-key feature is designed to inform parents whether their children have arrived home safely. If MENU/NEXT is not pressed during the appropriate window, the panel sends a message to the monitoring service or Follow-me number.

6: Testing the System

To determine whether the system is functioning normally, there are a number of tests that can be performed. Electronics Line recommends that you perform these tests weekly.

6.1: Walk Test

A walk test enables you to check detection devices such as motion detectors and magnetic contacts.

To perform a walk test:

1. Press SELECT 4, 2, 1.
2. Enter your passcode.
3. Test your system's detection devices. When activated, the keypad chimes indicating that the zone is open.
4. To exit Walk Test mode, press AWAY.

Walk Test mode is automatically terminated after 4 minutes and 15 seconds.

Note: During a walk test, an open zone will not generate an alarm. However, this does not apply to zones programmed as tamper zones and 24hr zones and opening these zones will generate an alarm.

6.2: Bell Test

The bell test sounds the bell for one second to check that it is functioning.

To perform a bell test.

1. Press SELECT 4, 2, 2.
2. Enter your passcode.

6.3: Telephone Test

This test sends a message to each of the monitoring services to check that the system's dialer is functioning and correctly programmed.

To perform a telephone test:

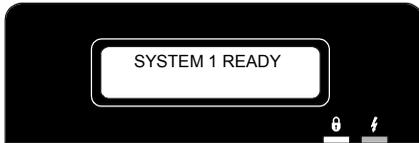
1. Press SELECT 4, 2, 3.
2. Enter your passcode.

Note: The control panel seizes the telephone line in order to run this test.

7: Quick Reference Guide

Arming

Ensure that there is no movement in the protected areas and that all windows and doors are secure.



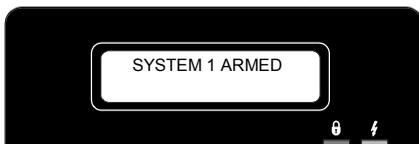
Press AWAY or STAY



Enter your passcode

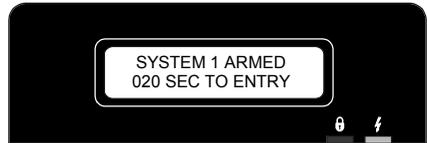


Leave the premises before the end of the exit delay



Disarming

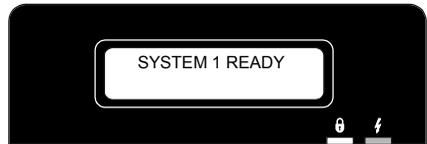
Enter the premises via the designated entry route; the keypad chimes during the entry delay.



Enter your passcode



The system is disarmed



Distress Keys

Press and hold down MENU/NEXT + E, F or P for over a second



8: LED Keypad Operation

The 3106 LED keypad includes a simple LED display intended for basic system operation. This section provides you with a guide to this display.

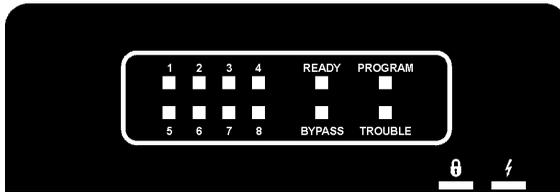


Figure 8.1: 3106 LED Display

1 - 8: Used to display zone status and system status.

READY: Indicates that the system is ready to arm.

PROGRAM: Indicates that the system is in programming mode. The Program LED is lit when SELECT is pressed and flashes when the system waits for an authorized user code to be entered.

BYPASS: The Bypass LED and the relevant zone LEDs flash to indicate that zones have been bypassed.

TROUBLE: Flashes in the event of system trouble. If this occurs, contact your installer.



ARMED: The Armed LED lights up to indicate the system is armed and goes out when the system is disarmed.



POWER: The Power LED lights up when both AC & battery power are OK, blinks when the battery is low & AC power is OK and goes out in the event of AC power failure.

Reference Information

To be filled out by the installer.

Installer: _____ Date Installed: _____ Phone #: _____

Monitoring Service

- 1. Address: _____ Telephone: _____ Account #: _____
- 2. Address: _____ Telephone: _____ Account #: _____
- 3. Address: _____ Telephone: _____ Account #: _____
- 4. Address: _____ Telephone: _____ Account #: _____

Delays

Entry 1: ____ Entry 2: ____ Entry 3: ____ Exit 1: ____ Exit 2: ____ Exit 3: ____ Exit 4: ____

Zones

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____
- 21. _____
- 22. _____
- 23. _____
- 24. _____
- 25. _____
- 26. _____
- 27. _____
- 28. _____
- 29. _____
- 30. _____
- 31. _____
- 32. _____

Bell/Siren

Burglar Alarm Bell Pattern: Steady Pulsed 1 Pulsed 2 Bell Cut-off Time: _____

Notes
