



Control Panels

D9412GV4/D7412GV4/D7212GV4





System Requirements



Minimum system requirements for Classification in accordance with ANSI/SIA CP-01-2007:

- UL Listed and Classified control unit Model D9412GV4, D7412GV4, or D7212GV4
- UL Listed and Classified keypad Model D1256, D1257, D1260, D1255, D1255R, or D1255 RW
- UL Listed Local Bell

The minimum firmware requirements for SIA CP-01 compliance are:

Control Panel	Firmware Version
D9412GV4	1.00 or later
D7412GV4	1.00 or later
D7212GV4	1.00 or later

1.0	Introduction	4
2.0	General Commands	4
2.1	<i>Two-Man Rule</i>	4
2.2	<i>Early Ambush</i>	5
2.3	<i>Easy Exit Control</i>	5
2.4	<i>Passcode Follows Scope</i>	6
2.5	<i>Passcode Controlled Menu</i>	7
2.6	<i>Walk Tests</i>	8
2.7	<i>Door Activated Custom Function</i>	11
2.8	<i>Passcode Functions</i>	11
2.9	<i>Access Level Control</i>	13
2.10	<i>Door Control</i>	14
2.11	<i>Delete User [COMMAND 53]</i>	18
2.12	<i>Add/Change User - [COMMAND 56]</i>	19
3.0	SIA CP-01 Compliance Information	27
3.1	<i>System Requirements</i>	27
3.2	<i>False Alarm Reduction Features</i>	27
3.3	<i>User-Caused False Alarms, Arming the System</i>	28
3.4	<i>User-Caused False Alarms, Disarming the System</i>	29
3.5	<i>Arming and Disarming with Keyswitches</i>	30
3.6	<i>Alarm Transmission Sequence – Alarm Abort</i>	30
3.7	<i>Cancel Report and Cancel Window</i>	31
3.8	<i>Duress Alarm</i>	31
3.9	<i>Swinger Shutdown</i>	31

1.0 Introduction

This document supplements the *Security System Owner's Manual* (P/N: 71-06633-000) with the features for the GV4 Series. The instructions for the commands listed in this document replace those commands in the *Security System Owner's Manual*. Refer to the *Owner's Manual* for the operation of your new security system and its other basic features.



Place this supplement inside the *Security System Owner's Manual*.

2.0 General Commands

2.1 Two-Man Rule

2.1.1 Description

The Two-Man Rule adds an extra step to the disarming process by requiring two unique passcodes to disarm an area from the same keypad.

- I have this feature.
- I do not have this feature.

2.1.2 Using the Two-Man Rule

1. Ensure that the keypad shows idle armed text or `DISARM NOW`.
2. Enter a valid passcode with the authority to Passcode Disarm by pressing the passcode digits followed by the `[ENTER]` or `[ENT]` key.
3. The keypad shows a request for the `SECOND CODE`:
4. Enter a second valid passcode with the authority to Passcode Disarm by pressing the passcode digits followed by the `[ENTER]` or `[ENT]` key. The second passcode must be different from the first passcode.

The area is disarmed and ready for entry.

2.2 Early Ambush

2.2.1 Description

Early Ambush adds an extra step to the disarming process by requiring the entry of an additional passcode to confirm that the area is secure. The second passcode can be same as the first or different, depending upon the configuration. The first entry disarms the area and the second entry stops an automatic timer from sending a duress event.

- I have this feature.
- I do not have this feature.

2.2.2 Using Early Ambush

1. Ensure that the keypad shows idle armed text or *Disarm Now*.
2. Enter a valid passcode with the authority to Passcode Disarm by pressing the passcode digits followed by the [ENTER] or [ENT] key.
3. Ensure that the keypad shows idle disarmed text.
4. You can now search the area; however, you must enter the second passcode before the preset Early Ambush Time expires.
5. Enter a second valid passcode with the authority to Passcode Disarm by pressing the passcode digits followed by the [ENTER] or [ENT] key.
6. The keypad shows *CODE 2 VALIDATED* to confirm that the second passcode is accepted and the Early Ambush Window is canceled. The area is disarmed and ready for entry.

2.3 Easy Exit Control

2.3.1 Description

The GV4 Series Control Panels change from one armed state to another armed state without disarming. The Easy Exit Control feature decreases the number of keystrokes and simplifies system operation. This feature is available by default and is always on.

2.3.2 Using Easy Exit Control

Switching armed states from Master to Perimeter:

1. Ensure that the keypad shows idle master armed text.
2. Press the [COMMAND] key. The keypad shows `SYSTEM COMMAND`.
3. Press [3] to Perimeter Arm.
4. The keypad display shows the Exit Delay countdown.
5. Enter or exit from the premises.

Switching armed states from Perimeter to Master:

1. Ensure that the keypad shows idle perimeter armed text.
2. Press the [COMMAND] key. The keypad shows `SYSTEM COMMAND`.
3. Press [1] to Master Arm.
4. The keypad shows the Exit Delay countdown.
5. Enter or exit from the premises.

2.4 Passcode Follows Scope

2.4.1 Description

The Passcode Follows Scope feature is an optional arming and disarming restriction that can be enabled on keypads with access to multiple areas. When this feature is set to `NO`, the keypad restricts Passcode Arming and Passcode Disarming to the home area of the keypad. When set to `YES`, this feature allows users to arm or disarm all the areas to which they and the keypad have access. This feature causes no restrictions to the keypad scope as it pertains to any command or arming method other than Passcode Arming or Passcode Disarming.

- I have this feature.
- I do not have this feature.

2.4.2 Using Passcode Follows Scope

Arming from a keypad with Panel Wide scope and Passcode Follows Scope enabled:

1. Ensure that the keypad shows idle disarmed text.
2. Ensure that you have a valid passcode with the authority to Passcode Arm in all areas.
3. Enter your passcode by pressing the passcode digits followed by the [ENTER] or [ENT] key.
4. The keypad shows `ARMING: 12345678` to indicate which areas are ready to enter, exit, delay and arm.
5. The keypad shows the exit delay countdown.
6. Exit from the premises.

Arming from a keypad with Panel Wide scope and Passcode Follows Scope disabled (default):

1. Ensure that the keypad shows idle disarmed text.
2. Ensure that you have a valid passcode with the authority to Passcode Arm in all areas.
3. Enter your passcode by pressing the passcode digits followed by the [ENTER] or [ENT] key.
4. The keypad shows the exit delay countdown.
5. Exit from the premises.

2.5 Passcode Controlled Menu

2.5.1 Description

When enabled, the system prompts users to enter a passcode before viewing the keypad menu. The system shows the user the menu options allowed according to their authority level, thereby providing users only pertinent commands and functions.

- I have this feature.
- I do not have this feature.

2.5.2 Using Passcode Controlled Menus

On a **D1255 Keypad**

1. Press the [ESC] key. The keypad shows ENTER PASSCODE.
2. Enter your passcode by pressing the passcode digits followed by the [ENT] key. The first menu item for which you have authority appears.

On a **D1260 Keypad:**

1. Press the **Menu** softkey in the lower right corner. The keypad shows ENTER PASSCODE then press [ENTER].
2. Enter your passcode by pressing the passcode digits followed by the [ENTER] key.

The first and second menu items for which you have authority appear.

2.6 Walk Tests

2.6.1 Description

The D9412GV4, D7412GV4, and D7212GV4 have three Walk Test menus that allow the user to test various points that are within the scope of the keypad without sending a report to the central station.

When performing a Walk Test, the Walk Test menu indicates that the menu is ready to time out, and clearly indicates on all keypads in the area of operation that a test is in progress. Additionally, the Walk Test procedure issues point trouble conditions for any 24-hr or fire points that remain off-normal when the Walk Test menu exits. After the system annunciates the trouble condition, faulted points are automatically swinger shunt bypassed regardless of the point index settings. These features are always enabled and have no configuration parameters. The warning tones commence 5 min prior to timeout.



Test each smoke detector according to the manufacturer's instructions.

Table 1: Walk Test Menu Access

Test Type	Command Sequence	Menu Function Name	Point Types Tested
Walk	[COMMAND][4][4]	WALK TEST ?	Visible Perimeter and Interior
Fire	[COMMAND][5][8]	FIRE TEST ?	Fire and 24-hour
Invisible	Not applicable	INVISIBLE TEST ?	Invisible Perimeter and Interior

I have this feature.

I do not have this feature.

2.6.2 Using Walk Test

On a D1255 Keypad

1. If you use the command sequence, press the keys shown in the Command Sequence column of *Table 1* for the necessary test. The keypad shows the number of testable points within the scope of the keypad: ### PTS TO TEST. Proceed to Step 5.
2. If you use menu function list, press the [ESC] key.
3. Press the [NEXT] key until the Menu Function Name (refer to *Table 1*) appears.
4. Press the [ENT] key to activate the selected walk test function. The keypad shows the number of testable points within the scope of the keypad: ### PTS TO TEST
5. Press the [NEXT] key to see VIEW UNTESTED?
6. Press the [ENT] key to view the untested points. The keypad shows the total number of untested points within the keypad scope: ### PTS UNTESTED.
7. Press the [NEXT] key to view the first point's name.
8. Press the [ENT] key to view the point's hardware state. Refer to *Table 2*.

Table 2: Hardware States of Points

Display Text	Hardware State
1PT### NORMAL HW	Normal
1PT### OPEN HW	Opened
1PT### SHORT HW	Shorted
1PT### MISSNG HW	Missing

9. Activate the point's sensor and observe the appropriate state change.
10. Press the [NEXT] key to advance to the next untested point within the scope of the keypad.
11. Repeat *Steps 8 through 10* until all points are tested.

On a D1260 Keypad

1. If you use the command sequence, press the keys indicated in the Command Sequence column of *Table 1* on page 9 for the necessary walk test. The keypad shows the number of testable points within the scope of the keypad: ### points remain to be tested. Proceed to *Step 5*.
2. If you use the menu function list, press the **Menu** softkey in the lower right corner.
3. Press the **Next** softkey until the Menu Function Name (refer to *Table 1* on page 9) appears.
4. Press the corresponding softkey to activate the necessary Walk Test functions.
The keypad shows the number of testable points within the scope of the keypad: ### points remain to be tested.
5. Press the **View untested Pts** softkey to see ### PTS UNTESTED.
6. Press the **Next Pt** softkey to view the first or next untested point:

	[Point Text]
Area #, Pt #	
[Point State] HW	Next PT>
<Exit	Prev PT>



The point state can be NORMAL, OPEN, SHORT, or MISSING.

7. Activate the point's sensor and observe the state change.
8. Repeat *Steps 5* through 7 until all points are tested.

2.7 Door Activated Custom Function

2.7.1 Description

The D9412GV4 and D7412GV4 allow a custom function to be activated when user credentials are presented to a D9210C Door Controller Reader. The custom function executes as if the user performed a function at the keypad that is associated with the door controller.

- I have this feature.
- I do not have this feature.

2.7.2 Using Door Activated Custom Functions:

Executing the door's custom function by a user that has authority to do so when disarming the area:

1. Ensure that the area you are about to enter is armed.
2. Present your user credentials to the D9210C Door Controller Reader. The area disarms and the custom function executes.

The area is now safe to enter.

2.8 Passcode Functions

The GV4 series control panels have several programmable function options that can be associated with a passcode entry at a specified keypad. Primary authentication requires a passcode only. Optionally, a keypad can be programmed for Dual Authentication where two forms of credentials are required. When enabled, the secondary authentication is performed with a Door Controller Reader using a token or a card provided by your dealer. Once a user's credentials are authenticated, the configured function will be performed. Even though an access control device is used for authentication, the configured Passcode Function may not be an access operation.

I have **One** of the following Passcode Functions configured:

- Arm / Disarm** (default) - All areas within the scope of the user and keypad have their arm state changed. If the current area is armed, it will disarm. If the current area is disarmed, it will arm.
- Cycle Door / Grant Access** - The door associated with the keypad will momentarily unlock. If enabled, the current area will disarm or switch to perimeter armed, then (if enabled) a custom function will execute (refer to section 2.7 for details).
- Cycle Relay** - A pre-configured function will momentarily activate.

- Auto Re-Arm** - All armed areas within the scope of the user and keypad will restart their exit delay. If the current area is disarmed, no action is taken.

2.8.1 Dual Authentication

The GV4 Series control panels provide a dual authentication feature using a keypad and a door reader. When a keypad and door controller reader are paired together, they require two forms of identification from the same user before a pre-configured passcode function is performed. The authenticating user must have a passcode and a door credential assigned for the Dual Authentication process to allow the configured operation to be performed.

- I have this feature.
- I do not have this feature.



The Dual Authentication feature is only available on the D9412GV4 and D7412GV4

2.8.2 Dual Authentication Process

The Dual Authentication process can be performed by entering a passcode followed by the [ENT] or [ENTER] key, then presenting valid access credentials to the associated Door Controller reader.

The Dual Authentication process is also valid if the access credential is presented first. Access credentials are usually a token or a card and are provided by your dealer.

The control panel requires the passcode and the credential of the same user to be presented within a configurable amount of time. The allowed duration of time can be between 10 to 45 seconds. Consult your dealer if the travel time between the keypad and the Door Controller reader is longer than the configured time. The default time is 10 seconds.

2.9 Access Level Control

2.9.1 Description

Use this function to manually enable or disable access authority levels assigned to users. This function can be used to disable a user's access level temporarily instead of deleting and adding the user.

- I have this feature.
- I do not have this feature.

2.9.2 Using ACCESS LEVEL CTL?

On a D1255 Keypad

1. Activate the door's custom functions. Refer to *Section 2.7.2 Using Door Activated Custom Functions*.
2. Ensure that the display shows idle disarmed text.
3. Press the [MENU] key to enter the function list, then press [NEXT] repeatedly until you reach the CHANGE LEVEL CTL? prompt. Press [ENT].
4. ACCESS LEVEL CTL appears, indicating that you are affecting the authority levels of cards or tokens and not passcodes. Press [ENT].
5. ENTER LEVEL appears. Enter the access authority level number and press [ENT].
6. If the access level is currently disabled, LEVEL # ENABLE? appears. If the access level is currently enabled, LEVEL # DISABLE? appears. Press [ENT] to accept the choice.
7. ENTER LEVEL appears again. Press [ESC].

On a D1260 Keypad

1. Activate the door's custom functions. Refer to *Section 2.7.2 Using Door Activated Custom Functions*.
2. Ensure that the display shows idle disarmed text.
3. Press the **Menu** softkey to enter the function list. Then press the **Next** softkey repeatedly until you reach the Change Level? prompt.
4. Press the **Change Level ?** softkey. Access Control Level appears, indicating that you are affecting the authority levels of cards or tokens and not passcodes.
5. Enter Level #: appears. Enter the access authority level number and press [ENTER].
6. If the access level is currently disabled, Enable Level? appears. If the access level is currently enabled, Disable Level? appears. Press [ENTER] to accept the choice.
7. Repeat Steps 5 and 6 as necessary.

2.10 Door Control**2.10.1 Description**

The door control function has three sub-functions:

- CYCLE DOOR?
- UNLOCK DOOR?
- SECURE DOOR?

CYCLE DOOR? unlocks a door briefly to allow a person into an area.

UNLOCK DOOR? unlocks a door to allow free access.

SECURE DOOR? locks a door and prohibits access regardless of a user's authority level.

I have this feature.

I do not have this feature.

2.10.2 Using Door Control?**On a D1255 Keypad**

1. Ensure that the display shows idle disarmed text.
2. Press the [COMMAND] key. The display shows SYSTEM COMMAND.
3. Press [4] and [6].



You can use the function list in place of steps 2 and 3 to start this function.

1. Press the [MENU] key to enter the function list.
2. Press [NEXT] repeatedly until you reach the DOOR CTRL? prompt.
3. Press [ENT].

4. The first sub-function that appears is CYCLE DOOR?. You can cycle through the three sub-functions by pressing [PREV] and [NEXT].

On a D1260 Keypad

1. Ensure that the display shows idle disarmed text.
2. Press the [COMMAND] key. The display shows *System Command*.
3. Press [4] and [6].



You can use the function list in place of steps 2 and 3 to start this function.

1. Press the **Menu** softkey to enter the function list.
2. Press the **Next** softkey repeatedly until you reach the Door Control? softkey.
3. Press the **Door Control ?** softkey.

4. All authorized door control function sub-functions are listed. Press the corresponding softkey to enter the sub-function.

2.10.3 Cycle Door?

1. To unlock an access door briefly and allow a person into an area, press [ENT] at the Cycle Door? prompt.
The display shows CYCLE 1 2 3 4 5 6 7 8 if all doors are in a normal state and available. If a door is not in a normal state, the number of the door is replaced with one of the symbols indicated in *Table 3*.



Depending on your keypad, the operations in this section are the same, but the keypad display and keys are slightly different.

Table 3: Key to Symbols

Symbol	Description
---	Door is not active, not in scope, or user does not have access level authority
C	Door is timed door sequence
U	Strike and shunt are latched active (held open)
X	Strike and shunt are deactivated (secured)
P	There is a problem with the door; call your security company

- Enter the number of the door to cycle then press [ENT]. This door cycles and the display changes to reflect the new status of the doors. For example, to cycle Door 3, at the CYCLE DOOR 1 2 3 4 5 6 7 8 prompt, press [3], then press [ENT]. The display shows CYCLE DOOR 1 2 C 4 5 6 7 8. This indicates that all doors are in a normal state, except for Door 3, which is cycled.
- Press [ESC] to leave this sub-function, or enter another door number to cycle.

2.10.4 Unlock Door?



Depending on your keypad, the operations in this section are the same, but the keypad display and keys are slightly different.

- To unlock a door to allow free access, at the CYCLE DOOR? prompt, press [NEXT] to enter the UNLOCK DOOR? sub-function.
- The display shows UNLOCK 1 2 3 4 5 6 7 8 if all doors are in a normal state and available. If a door is not in a normal state, the number of the door is replaced with a symbol indicated in *Table 3* on page 16.
- Enter the number of the door to unlock then press [ENT]. This door unlocks and the display changes to reflect the new status of the doors.
For example, to unlock Door 4, at the following prompt, press [4], then press [ENT].
UNLOCK DOOR 1 2 3 4 5 6 7 8

The display shows UNLOCK DOOR 1 2 3 U 5 6 7 8

This indicates that all doors are in a normal state, except for Door 4, which is unlocked.

4. Press [ESC] to leave this sub-function, or enter another door number to unlock.

2.10.5 Secure Door?



Depending on your keypad, the operations in this section are the same, but the keypad display and keys are slightly different.

1. To secure a door to prohibit access to users regardless of their access authority level, at the CYCLE DOOR? prompt, press [PREV] to enter the SECURE DOOR? sub-function.
2. The display shows SECURE 1 2 3 4 5 6 7 8 if all doors are in a normal state and available. If a door is not in a normal state, the number of the door is replaced with a symbol indicated in *Table 3* on page 16.
3. Enter the number of the door to secure then press [ENT]. This door secures, and the display changes to reflect the new status of the doors.
For example, to secure Door 5, press [5], then press [ENT] at the following prompt: SECURE DOOR 1 2 3 4 5 6 7 8
The display shows SECURE DOOR 1 2 3 4 X 6 7 8. This indicates that all doors are in a normal state, except for Door 5, which is secured.
4. Press [ESC] to leave this sub-function, or enter another door number to unlock.



Each of these sub-functions acts as a toggle switch. To return a door to its normal state, follow the same procedure used to change its state. For example, if Door 3 is secured, to return it to its normal state, at the `SECURE DOOR?` prompt, enter [3] and press [ENT]. The door is no longer secured and the X is replaced with the number 3.

2.11 Delete User [COMMAND 53]

2.11.1 Description

Use this function to delete a personal passcode from your system without assistance from your security company. You must know the user number for the passcode you want to delete.

- I have this feature.
- I do not have this feature.

2.11.2 Using `DEL USER ?`

1. Ensure that the display shows idle disarmed text.
2. Press the [COMMAND] key. The display shows `SYSTEM COMMAND`.
3. Press [5] and [3].



You can use the function list in place of steps 2 and 3 to start this function.

1. Press the [MENU] key to enter the function list.
 2. Press [NEXT] repeatedly until you reach the `DEL USER?` prompt.
 3. Press [ENT].
4. The display shows `DEL USER #`. Enter the user number and press [ENT].
 5. `USER ##` (or user text, such as the name of the user, if this feature was programmed into your system by your security company) appears, allowing for confirmation. Press [ENT]. If this is not the user you wish to delete, press the [NEXT] or [PREV] key until the correct user name appears, then press [ENT].

- The display shows `DELETE USER ##?`. Press [ENT] to delete user, and `USER DELETED` appears. If the user number is not in the system, `NOT IN USE` appears. If you made an error and do not wish to delete this user, press [ESC].

2.12 Add/Change User - [COMMAND 56]

2.12.1 Description

Use this function to add or change a passcode or card without assistance from your security company. Before adding or changing a passcode or card, you must know which user numbers are available, the authority level you want to assign to the new user, and the areas in which the passcode or card are valid.

- I have this feature.
- I do not have this feature.

2.12.2 Using Add User ?

On a D1255 Keypad

- Ensure that the display shows idle disarmed text.
- Press the [COMMAND] key. The display shows `SYSTEM COMMAND`.
- Press [5] and [6]. Enter passcode if necessary.



You can also use the function list in place of *Steps 2* and *3* to start this function.

- Press the [MENU] key to enter the function list.
- Press [NEXT] until you reach the `ADD/CHNG USER?` prompt.
- Press [ENT].

- The display shows `ENTER USER #`. Enter the user number and press [ENT].
- The display shows `USER #` (or user text, such as the name of the user, if this feature was programmed into your system by your security company) to allow for confirmation. Press [ENT] if the correct user number (or user name) appears. Press [ESC] if not.
- `ADD PASSCODE?` appears. (If the user number already exists, `CHANGE PASSCODE?` Appears.) Press [ENT].

7. ENTER NEW CODE appears. Enter the new passcode followed by [ENT]. ENTER AGAIN appears.
8. Enter the new passcode a second time for confirmation. Press [ENT]. The display shows PASSCODE ADDED (or PASSCODE CHANGED if the user number was already in the system).



For systems with access control, the following prompts are available: ADD CARD? and CHANGE CARD?. Refer to *Systems With Access Control* on page 22 for details.



The system does not accept a passcode that is within two digits of an existing passcode. This is to avoid conflicts with duress passcodes. For example, if passcode 123 is already programmed in the system, the system does not accept 121, 122, 124, or 125 as passcodes.

9. ADD LEVEL? appears. If the user number already exists, CHANGE LEVEL? appears. Press [ENT].
10. VALID AREA 1? appears. If you wish this user number to be valid in Area 1, press [ENT]. If not, press [NEXT].
11. AUTH LEVEL appears. Assign the authority level you wish the user number to have for this area and press [ENT]. Record this information.
12. VALID AREA 2? appears. Enter the information necessary for the areas in the scope of the keypad by following *Steps 10 and 11* for each area (up to 8 areas).
13. LEVEL ADDED or LEVEL CHANGED appears when all area assignments are made. Press [ENT].



At the end of each function, press [ESC] to return to the ENTER USER # prompt. Press [ESC] again to return to idle text.

On a D1260 Keypad

14. Ensure that the display shows idle disarmed text.
15. Press the [COMMAND] key. The display shows *System Command*.
16. Press [5] and [6]. Enter passcode if necessary.



You can also use the function list in place of steps 2 and 3 to start this function.

1. Press the **Menu** softkey to enter the function list.
2. Press the **Next** softkey until you reach the Add/Change User? prompt.
3. Press the corresponding softkey. Proceed to step 4.

17. The display shows Add / Change User Enter user #: Enter the user number and press [ENTER].
18. The display shows User ### followed by the configured user name text. Press the **Continue** softkey if the correct user number (and user name) appears. Press the **Exit** softkey and return to step 4.
19. The Add/Change Menu appears. Press the **Passcode** softkey.
20. Add a passcode for this user? appears with the configured user name text at the top. Press the **Yes** softkey.
21. Enter new passcode appears. Enter the new passcode followed by [ENTER]. Enter new passcode again. appears.
22. Enter the new passcode a second time for confirmation. Press [ENTER]. The display shows Passcode Added or Passcode Changed.
23. Add Auth. Level for this User? appears. Press the **Yes** softkey.
24. Is this user authorized in Area 1? appears. Press the **Yes** softkey if authorized, **No** if not.
25. User's Current authority level: # appears. Enter the new level followed by [ENTER] to accept.
26. Is this user authorized in Area 2? appears. Press the **Yes** softkey if authorized, **No** if not.
27. User's Current authority level: # appears. Enter the new level followed by [ENTER] to accept. Repeat Steps 26 and 27 until all authorized areas are set.
28. Level Added or Level Changed appears when all area assignments are made. Press [ENTER].

Systems With Access Control

If your system includes access control features, such as card readers at doors, the following prompts can appear during the ADD USER? procedure.

On a D1255 Keypad

ADD CARD? (CHANGE CARD?)

1. If the user has card or token access to the building or area, press [ENT] at the ADD CARD? prompt, or at the CHANGE CARD? prompt if the user already has a card or token.
2. PRESENT CARD appears. Present the card at the card reader and wait for the tone.
3. If the reader identifies the card or token correctly, a tone sounds and the keypad shows CARD ADDED, or CARD CHANGED if the user already has a card or token. Press [ENT].

On a D1260 Keypad

1. From the Add/Change Menu, press the **Card** softkey.
2. Add Access Card for this user? appears. Press the **Yes** softkey.
3. Present card to card reader # now. appears. Present access credentials to the associated door reader and wait for a tone.
4. If the reader identifies the credential correctly, a tone sounds and the keypad shows Card Added or Card Changed if the user already has a card or token. Press [ENTER].

2.12.3 Systems with Wireless Keyfobs

If your system has wireless services available, the following options are available to enroll, remove or replace a User Keyfob provided by your security company.

I have this feature.

I do not have this feature.

Enrolling a User Keyfob with RFID

On a D1255 Keypad

1. Ensure that the display shows idle disarmed text.

2. Press the [COMMAND] key. The display shows *System Command* .
3. Press [5] and [6]. Enter passcode if necessary.
4. At the USER KEYFOBS? prompt, press [ENT].
5. ENTER RFID appears. Press [ENT].
6. USER ###: KEYFOB appears scrolling with NOT ASSIGNED. Press [ENT].
7. RFID: prompt appears. Enter the RFID number provided by your security company. Press [ENT] when done.
8. PARAMETER SAVED appears, then USER ###: KEYFOB scrolling with the RFID number.

On a D1260 Keypad

1. From the Add/Change Menu press the **Keyfob** softkey.
2. Configure RF Keyfob for this user? appears. Press the **Yes** softkey.
3. Select the **Enter Keyfob RFID** softkey. Keyfob User (###) RFID: Not Assigned appears.
4. Press the **Edit** softkey. The RFID: prompt appears.
5. Enter the RFID number provided by your security company. Press the **Save** softkey when finished.
6. PARAMETER SAVED appears, then Keyfob User (###) RFID: ##### appears. Press the **Exit** softkey.

Enrolling a User Keyfob with Auto-learn

On a D1255 Keypad

1. At the USER KEYFOBS? prompt, press [ENT].
2. ENTER RFID appears. Press [NEXT] until ADD KEYFOB appears. Press [ENT].
3. KEYFOB USER: ### appears scrolling with NOT ASSIGNED. Press [ENT] to activate Auto-Learn mode.
4. ADDING (###) appears scrolling with RESET XMITTER. Press the [RESET] button on the Keyfob.
5. If successful, KEYFOB ADDED appears. KEYFOB USER: ### appears scrolling with AUTO-LEARNED. Press [ESC] to exit.
6. If not successful, an error message is displayed. KEYFOB USER: ### appears scrolling with NOT ASSIGNED. Press [ESC] to exit.

On a D1260 Keypad

1. From the Add/Change Menu press the **Keyfob** softkey.
2. Configure RF Keyfob for this user? appears. Press the **Yes** softkey.
3. Press the **Add Keyfob** softkey. Keyfob User (###) RFID: Not Assigned appears.
4. Press the **Add** softkey. Adding Keyfob: (###) Press Xmitter Reset appears. Press the [RESET] button on the keyfob.
5. If successful, Keyfob Added appears followed by Keyfob User (###) RFID: Auto-Learned. Press the **Exit** softkey.
6. If not successful, an error message is displayed followed by Keyfob User (###) RFID: Not Assigned. Press the **Exit** softkey.

Replace a User Key Fob

On a D1255 Keypad

1. At the `USER KEYFOBS?` prompt, press [ENT].
2. `ENTER RFID` appears. Press [NEXT] until `REPLACE KEYFOB` appears. Press [ENT].
3. `KEYFOB USER: ###` appears scrolling with `AUTO-LEARNED` if the keyfob to be replaced was auto-learned, or `KEYFOB USER (###)` `RFID: {assigned RFID #}` appears. Press [ENT].
4. `REPLACING (###)` appears scrolling with `RESET XMITTER`. Press the [RESET] button on the Keyfob.
5. If successful, `KEYFOB ADDED` appears. `KEYFOB USER: ###` appears scrolling with `AUTO-LEARNED`. Press [ESC] to exit.
6. If not successful, an error message is displayed. `KEYFOB USER: ###` appears scrolling with `NOT ASSIGNED`. Press [ESC] to exit.

On a D1260 Keypad

1. From the Add/Change Menu press the **Keyfob** softkey.
2. `Configure RF Keyfob for this user?` appears. Press the **Yes** softkey.
3. Press the **Replace Keyfob** softkey. `Keyfob User: ###` appears scrolling with `Auto-Learned` if the keyfob to be replaced was auto-learned, or `Keyfob User (###) RFID: {assigned RFID #}` appears.
4. Press the **Replace** softkey. `Replacing Keyfob: (###)` `Press Xmitter Reset` appears. Press the [RESET] button on the Keyfob.
5. If successful, `Keyfob Added` appears followed by `Keyfob User (###) RFID: Auto-Learned`. Press the **Exit** softkey.
6. If not successful, an error message is displayed followed by `Keyfob User (###) RFID: Not Assigned`. Press the **Exit** softkey.

Remove a User Keyfob

On a D1255 Keypad

1. At the `USER KEYFOBS?` prompt, press [ENT].
2. `ENTER RFID` appears. Press [NEXT] until `REPLACE KEYFOB` appears. Press [ENT].

3. KEYFOB USER: ### appears scrolling with AUTO-LEARNED. Press [ENT] to remove a keyfob.
4. If successful, KEYFOB REMOVED appears. KEYFOB USER: ### appears scrolling with NOT ASSIGNED. Press [ESC] to exit.
5. If not successful, an error message is displayed. KEYFOB USER: ### appears scrolling with NOT ASSIGNED. Press [ESC] to exit.

On a D1255 Keypad

1. From the Add/Change Menu press the **Keyfob** softkey.
2. Configure RF Keyfob for this user? appears. Press the **Yes** softkey.
3. Press the **Next** softkey. Press the **Remove Keyfob** softkey.
4. Keyfob User (###) RFID: {*assigned RFID #*} appears. Press the **Remove** softkey.
5. If successful, Keyfob Removed appears followed by Keyfob User (###) RFID: Not Assigned. Press the **Exit** softkey.
6. If not successful, an error message is displayed followed by Keyfob User (###) RFID: Not Assigned. Press the **Exit** softkey.

3.0 SIA CP-01 Compliance Information



Warning: The default programming for the control panel includes a 30-second communication delay for alarms on non-fire zone types. It can be removed (or increased to 45 sec) at the option of the end user in consultation with the installer.

3.1 System Requirements

The minimum system requirements for SIA CP-01 compliance are:

Table 4: System Requirements

Control Panel	Firmware Version
D9412GV4	1.00 or later
D7412GV4	1.00 or later
D7212GV4	1.00 or later

3.2 False Alarm Reduction Features

False alarms are such an issue that the local authorities in some jurisdictions no longer respond to alarms. The Security Industry Association (SIA) has developed a Control Panel False Alarm Reduction Standard that details design features for security control panels and their associated arming and disarming devices to reduce the occurrence of false alarms.

This section of the user's guide supplement will help to explain proper operation of your SIA CP-01 compliant Bosch Security Systems, Inc. D9412GV4, D7412GV4, or D7212GV4 Control Panel.



Your installation company must configure all features necessary to provide SIA CP-01 compliance.

- I have this feature.
- I do not have this feature.

3.3 User-Caused False Alarms, Arming the System

3.3.1 Exit Time Defaults

The SIA standard calls for Exit Time to range from 45 sec to at least two min (not to exceed 255 sec).

The default is 60 sec.

3.3.2 Exit Tone

The SIA standard requires that the control panel provide an Exit Tone to alert anyone remaining in the premises that Exit Delay is in process. The tone pulsing rate increases during the last 10 sec of Exit Time.

The Exit Tone can be disabled only for individual keypads, not for the entire system.

During the last 10 sec of Exit Delay, the control panel's Alarm Bell output pulses on and off for the last 10 sec of Exit Delay.

3.3.3 Exit Time Restart

The SIA standard requires that the control have an option that restarts Exit Delay if a user follows these steps:

1. Starts Exit Delay (arms the system)
2. Exits and closes an Exit Delay zone.
3. Returns through an Exit Delay zone.
4. The control panel restarts Exit Delay (one-time restart only).

I have this feature.

I do not have this feature.

3.3.4 Exit Error

When a user leaves an Exit Delay zone faulted at the end of Exit Time, the control panel creates an "Exit Error" event as specified by the SIA standard:

1. An Exit Delay point remains faulted at the end of Exit Delay.
2. Entry Delay starts. Keypads show `DISARM NOW` and the Entry Tone sounds.

3. The user does not return to stop Entry Delay. The Entry Delay time expires.
4. The control panel starts the alarm transmission sequence, accompanied by an Exit Error report.

3.3.5 Master Arm – No Exit Feature (Unvacated Premises)

If a user Master Arms an area and does not leave the premises (no Entry/Exit zones are faulted during the exit time), the control panel's No Exit feature automatically shifts the Area from Master Armed to Perimeter Armed.

- I have this feature.
- I do not have this feature.

3.3.6 Recent Closing

If an alarm occurs within two min of the expiration of Exit Time, the control panel creates an "alarm-recent closing" event. If the user armed with a passcode, the user number is included in the recent closing report.

Recent Closing events are not created for Fire Alarm events.

3.4 User-Caused False Alarms, Disarming the System

3.4.1 Entry Time Defaults

The SIA standard requires an Entry Time of between 30 sec and 4 min. The required default is 30 sec. If the system is not disarmed within Entry Time, the control panel creates an Alarm Event.

During the Entry Time, the control panel sounds an Entry Delay Tone (distinct from the alarm tone).

3.4.2 Passcode Disarms System (Area)

When the control panel is in Entry Delay, entering a valid passcode disarms the system as soon as the last digit of the passcode is entered. No other keys are required.

When the control panel is in Exit Delay or is armed, entry of a valid Passcode must be followed by an [ENTER] or [ENT] key.

3.5 Arming and Disarming with Keyswitches

Arming Beeps and Flashes

The SIA standard requires that the control panel provide a means to annunciate a change in arming state made from a Keyswitch. The Alarm Bell output pulses on twice when a user disarms with a remote device. The Alarm Bell output pulses on once when a user arms with a remote device.

3.6 Alarm Transmission Sequence – Alarm Abort

The SIA standard requires an Alarm Abort feature. The control panel uses this feature to give end users an opportunity to acknowledge an alarm event and abort the alarm transmission. The following sections explain how this feature works.

3.6.1 Abort Window

The Abort Window is the time the end user has to acknowledge an alarm and effectively “abort” the control panel’s alarm response.

The Abort Window is programmable.

- The minimum duration is 15 sec.
- The maximum duration is 45 sec.
- The default is 30 sec.



In accordance with UL standards, the SIA standard intends that the combined Entry Time and Abort Window will not be programmed to exceed one minute.

3.6.2 Passcode Acknowledges Alarm

When the control panel is sounding an alarm, enter [passcode] + [ESC] to silence the alarm without disarming. Entering the first digit of the passcode temporarily silences the alarm at the keypad. If a valid passcode is not entered, the alarm begins sounding again after a period of about 10 sec with no keypad activity.

3.6.3 Alarms Acknowledged within the Abort Window

If the end user acknowledges an alarm within the Abort Window:

- The alarm output is silenced.
- No alarm, restoral, or cancel reports are sent.
- No alarm, restoral, or cancel reports are entered in the control panel event log.

3.6.4 At the End of the Alarm Abort Window

If no user acknowledges the alarm within the Alarm Abort Window, the control panel sends the appropriate alarm reports.

3.7 Cancel Report and Cancel Window

If a user acknowledges an alarm after the Abort Window expires, but before Bell Time expires, the control panel sends a Cancel Report. The Cancel Window starts when the alarm is sent and stops when the Alarm Bell timer expires or a user acknowledges an alarm.

3.8 Duress Alarm

This feature allows any passcode with the Send Duress permission enabled to **always** send a Duress Alarm event upon entry. The Duress Alarm feature allows an installation to allocate unique passcodes as the main duress passcodes for all users.

Additionally, when the SIA CP-01 compliant Duress Alarm option is enabled, the Passcode +1 and +2 options are disabled.

3.9 Swinger Shutdown

This feature allows for a control panel to automatically bypass a point that reports two or more alarm or trouble events within the same arm cycle. The maximum number of faults allowed on a point is called the Swinger Count. This value was set by the installer.



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