



Programming Mode

SONIP iBase, FlexiBase & FlexIP

19810015 Rev G

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Reference Material

This manual explains Programming Menu functions, as found in the latest firmware versions of the SONIP iBase, FlexiBase and FlexIP panels.

For complete planning, refer to the following related publications:

Additional installation procedures: (Use the applicable Guide, depending on the Control Panel being used.)

19810005 iBase Installation Guide
 19810022 FlexiBase Installation Guide
 19810065 FlexIP Installation Guide

The installation technician must supply the customer with a copy of 19810016 *Keypad Operation Guide*.

Related Publications

The table below lists related documents with corresponding part numbers:

Description	Part Number
iBase Installation Guide	19810005
I/O Expansion Module Installation Guide	19810006
Audio-8 Module Installation Guide	19810007
Keypad Installation Guide	19810009
Access-4 Installation Guide	19810011
Power Hub Installation Guide	19810013
Keypad Operation Guide	19810016
FlexiBase Installation Guide	19810022
FlexIP Installation Guide	19810065

History of Changes:

Date	Summary of Changes	Editor Name
7/10/2014	Rev G – Added FlexIP, and Plug & Play Programming Menu options.	Travis Grynowski

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1. Introduction

1.1 General

Before performing the steps outlined in this document, it is assumed that the hardware is properly installed according to the appropriate Installation Guide (See Page ii – Reference Material). At least one Keypad must also be powered up and able to communicate with the iBase, FlexiBase, or FlexIP panel.

1.2 Keypad Buttons

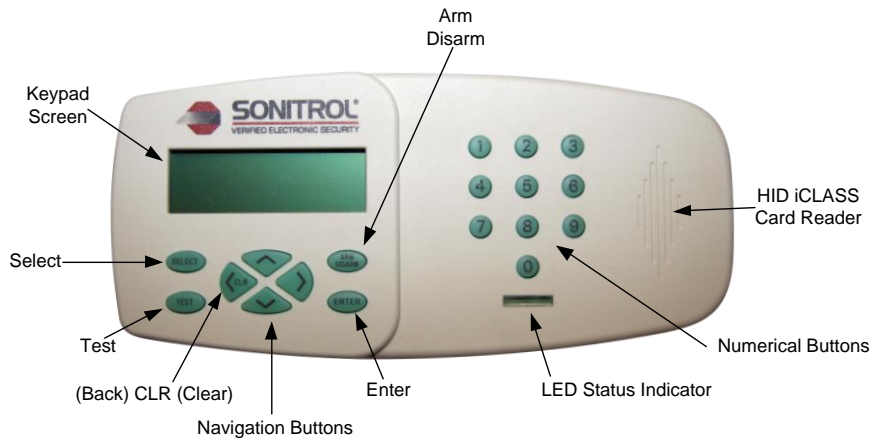


Figure 1: Keypad Buttons

1.2.1 Numerical Buttons

The Numerical Buttons are used to enter any numerical values when prompted via the LCD menu.

1.2.2 LED Status Indicators

The LED on the right side of your Keypad changes color depending on your system status. It flashes when there is an alarm in the arm state.

Note

The Keypad LED will not flash when an emergency alarm point is in violation; but flashes on non-emergency violations indicating an alarm occurred while the system is ON (Armed).

Red	System is ON (Armed)
Green	System is OFF (Disarmed)
Yellow	Occupied Security Level
Flashing Red LED	An alarm has occurred while the system is armed.
Flashing Green LED	An alarm has occurred while the system is disarmed.
Flashing Yellow LED	An alarm has occurred while the system is occupied.

A beeping Keypad indicates that the system is in alarm or incapable of reporting alarms.

Seconds On	Seconds Off	Alarm Type
0.125	0.125	Valid Request at Keypad (3 beeps announced)
1.250	0.750	Loss of communications
3.000	3.000	Aborted Alarm (occurs after loss of communications)
0.125	4.875	Loss of Battery Power
Always	N/A	Burglar Alarm
2.750	0.250	Tamper (e.g. Security Cabinet door opened)
0.125	2.875	Trouble Alarm

Table 1: Keypad Beeping Sequence

1.2.3 SELECT Button

The **SELECT** Button is used to access the system menus.

1.2.4 TEST Button

Initiates communications between the panel and the Central Station. Only active from the default screen (Disarm state screen).

1.2.5 ARM / DISARM Button

This button is used to initiate arming or disarming of the system.

1.2.6 ENTER Button

Enter your code directly from the default screen then press the **ENTER** button to access menus, arm, and or silence alarms. Also used to complete a menu selection, or entry of an Access Code.

1.2.7 Navigation Buttons

The Navigation Buttons are used to scroll System Menus up and down. The left navigation button also acts as a clear or backspace button.

 **Note**

If the LEFT / CLR key is used to remove or clear previously programmed options, then ENTER must be pressed to save changes. Changes can be verified by using the UP and DOWN arrow keys to leave and then return to the option changed. The RIGHT navigation button can be used to advance to the next programmable field (such as moving from alarm point 1 to alarm point 2 or moving from audio sensor 4 to audio sensor 5).

1.3 How to use the Menu Tables

The following is an example of the LCD display and the number of text lines available. This should help you understand the table for each Programming Menu.

Only four (4) lines of text will appear on-screen, you must scroll up or down to see any remaining menu items/options. An up/down arrow (↑/↓) will be displayed on the right side of the screen

# of Text Lines:	Keypad Screen:
Line 1	PROGRAMMING MODE
Line 2	COMMS INFO ↑
Line 3	▶ PARTITION
Line 4	KEYPAD ↓

Figure 2: No. of Text Lines on the Keypad Screen

- **Menu Table:** walks you through the various Programming Menu screens.

- **Menu Sequence No.:** the number of screens you will scroll through to input information for each Programming Menu.
A blank row in the table indicates a blank line on the screen.
The screen may or may not display the Programming Menu you are working in.
- **Completed Step Column (✓):** an optional check box that can be used to track completed steps.
Suggestion: Use a pencil to mark or note your progress for each installation.
- After you key in any value you must press the **ENTER** button to accept that value. To move on to the next screen, press the **DOWN** navigation button.
- Some menu items require an extra step based on the information you program.
Those “conditional” items will appear below the initiating step followed by a letter designation.

Example 1: How to use Programming Mode

13	ACC4 01, DOOR 01	KEYPAD ASSIGNMENT	VALID 1-16	Key in value
If value=0, see 13A. If value=1-16, see 14.				
13A	ACC4 01, DOOR 01	CARD READ & CODE	VALID 0-1	Key in value: 0=No, 1=Yes
14	ACC4 01, DOOR 01	EXIT SWITCH	VALID 0-1	Key in value: 0=No, 1=Yes

2. Programming Mode

2.1 Entering the Programming Mode

In every iBase, FlexiBase and FlexIP there is a default user code reserved for technician use. The code is **65535** and carries Technician Level access to the system. When entered at the Keypad and verified, all system menus are presented. Using the **DOWN** navigation button, you can select the **Programming Mode** menu.

Key in **65535** (default Technician code) and press **ENTER**. If the access code is verified, the System menus will display.

Note

The iCLASS card / fob must be programmed before it can be used to access the System Menus. After its initial programming a technician can access the System Menus using either methods one (1) or two (2).

Present a valid iCLASS card / fob (if the Keypad is the iCLASS Enhanced version).

Important

The technician's code (65535) is not created by default in the panel's program at the Central Station. Therefore, after the installation of the system is complete and before the first 'options download' to the panel, the technician must ask the Central station to create a new unique technician code so the service technician can use it to service the system. If a new tech code is not created at the Central Station and an options download occurs, the tech code 65535 will be purged during the options download process, along with any other information that was entered in the panel using a Keypad but not coordinated with and updated at the Central Station. All final data changes must be updated at the Central Station and downloaded to the panel.

2.2 Communication Settings

System Menus ► Programming Mode ► Comms INFO

2.2.1 Panel Account Number

Enter a 1–6 digit number which will be used as the unique panel identifier for your Dealership. This number should be coordinated with the Central Station.

PANEL ACCOUNT NUM 6-dig number Valid 1-999999 →0

2.2.2 Panel Group ID

Enter a 1 to 4-digit number used to denote the special identifier for a Sonitrol Franchise and group of panel numbers within that franchise. At the Central Station, this number allows SONIP to determine the service area a panel belongs. Technicians in the field will have a code for their territory.

Default	0
---------	---

This number should be coordinated with the Central Station.

PANEL GROUP ID 4-dig number Valid 1-9999 →0
--

Note

Panel Group ID may have leading 0's but must have at least 1 digit that is not 0.

2.2.3 Country Profile

Enter the Central Station Country Profile. Enforces small changes in panel functions, in order to remain compliant with regulations that vary per Country.

0 (Default)	US, for use in the North America.
1	UK, for use in the United Kingdom.

COUNTRY PROFILE

Valid 0-1

→0

2.2.4 Communication Sequence

Allows the communication methods to be prioritized as needed.

Value	Primary	Secondary	Tertiary
1 (FlexiBase Default)	Modem	None	None
2 (FlexIP Default)	IP	None	None
3	Modem	IP	None
4 (iBase Default)	IP	Modem	None
5*	IP	Cell	None
6*	IP	Cell	Modem
7*	Cell	None	None

COMM SEQUENCE

Valid 1-7

→

Notes

* Only available in FlexIP.

Depending on the COMM SEQUENCE selected, certain communication options will not be available. (Example: Selecting COMM SEQUENCE 2 results in all Dial programming options to be hidden from programming menus).

2.2.5 NNC num (NetCom Naming Convention)

Conditional option: Communication Sequence must not = 1

The unique panel identifier is for the Bosch IP receiver. It requires up to an 8 digit number entry. The NNC may have leading 0's but must have at least 1 digit that is not 0 (example: 0000001). The Central Station will provide this information.

Default	0
---------	---

NNC: 8-dig hex#

1, 2, 3, 4, 5, 6+SEL=

A, B, C, D, E, F

→

2.2.6 RX IP 1

Conditional option: Communication Sequence must not = 1

Enter the Central Station D6680 Receiver's Primary IP address. This address must come from the Central Station. The **RIGHT** navigation button (>) clears all 0s leaving system ready to accept IP address.

Default	000.000.000.000
---------	-----------------

RX: IP 1

###.###.###.###

→000.000.000.000

2.2.7 RX Port 1

Conditional option: Communication Sequence must not = 1

Enter the Central Station D6680 Receiver's Primary port. This port number must come from the Central Station.

iBase Default	0
FlexiBase & FlexIP Default	9000

RX: PORT 1

Valid 1 - 65535

→0

2.2.8 SONIP IP 1

Conditional option: Communication Sequence must not = 1

Enter the Central Station SONIP Primary IP address. This address must come from the Central Station.

Default	000.000.000.000
---------	-----------------

SonIP: IP 1

###.###.###.###

→000.000.000.000

2.2.9 SONIP Port 1

Conditional option: Communication Sequence must not = 1

Enter the Central Station SONIP Primary Port, provided by the Central Station.

Default	11000
---------	-------

SONIP: PORT 1

Valid 1 - 65535

→11000

2.2.10 RX IP 2

Conditional option: Communication Sequence must not = 1

Enter the Central Station D6680 Receiver's Secondary IP address. This address must come from the Central Station.

Default	000.000.000.000
---------	-----------------

RX: IP 2

###.###.###.###

→000.000.000.000

2.2.11 RX Port 2

Conditional option: Communication Sequence must not = 1

Enter the Central Station D6680 Receiver's Secondary port. This port number must come from the Central Station.

iBase Default	0
FlexiBase & FlexIP Default	9000

```
RX: PORT 2

Valid 1 - 65535

→0
```

2.2.12 SONIP IP 2

Conditional option: Communication Sequence must not = 1

Enter the Central Station SONIP Secondary IP address. This address must come from the Central Station.

```
Default          000.000.000.000

SonIP: IP 2
###.###.###.###

→000.000.000.000
```

2.2.13 SONIP Port 2

Conditional option: Communication Sequence must not = 1

Enter the Central Station SONIP Secondary Port, provided by the Central Station.

```
Default          11000

SONIP: PORT 2

Valid 1 - 65535

→11000
```

2.2.14 DHCP

Conditional option: Communication Sequence must not = 1 or 7

When set to 1, the panel automatically obtains its IP Address, Subnet Mask and Gateway Address from the Network router and will display those settings as *read only* in the Keypad programming menu. When set to 0, the Technician must program the panels IP Address, Subnet Mask and Gateway Address which has been provided by the customer.

```
0 (Default)      Disabled: Static IP information must manually be entered.
1                Enabled: IP information will be automatically obtained from the network.

WAN DHCP ENABLED

Valid 0-1

→0
```

 **Important**

Ensure that IP Periodic Test Interval is greater than 0 if DHCP is enabled. Central Station may be unable to contact the panel once it obtains a new DHCP lease from the customer's network.

2.2.15 Panel IP

Conditional option: Communication Sequence must not = 1

Enter the IP address for this panel to connect to the Internet. This address must be a static IP address, and must come from the customer's IT representative, unless DHCP is enabled (see DHCP)

```
Default          000.000.000.000

PANEL IP
###.###.###.###

→000.000.000.000
```

 **Notes**

In FlexiBase panels, the Panel IP field is not a menu item.
Read Only field when DHCP = 1

2.2.16 Panel Subnet Mask

Conditional option: Communication Sequence must not = 1 or 7

Enter the Subnet Mask corresponding to the panel's IP address. This information must come from the customer's IT representative, unless DHCP is enabled. (see DHCP)

Default	255.255.255.000
---------	-----------------

PANEL SUBNET MASK
###.###.###.###

→255.255.255.000

 **Notes**

In FlexiBase panels, the Panel Subnet Mask field is not a menu item.
Read Only field when DHCP = 1

2.2.17 Panel Gateway Address

Conditional option: Communication Sequence must not = 1 or 7

This is the IP address of the router which connects the panel's IP address to the Internet. This information must come from the customer's IT representative, unless DHCP is enabled. (see DHCP)

Default	000.000.000.000
---------	-----------------

PANEL GATEWAY ADDR
###.###.###.###

→000.000.000.000

 **Notes**

In FlexiBase panels, the Panel Gateway Address field is not a menu item.
Read Only field when DHCP= 1

2.2.18 Panel Comms PORT

Conditional option: Communication Sequence must not = 1

This is the port number identifier for the Panel IP address used for messaging from the panel to the Central Station receiver (RX). It can be a number between 1 and 65535.

6000	iBase default value.
6100	FlexiBase & FlexIP default value.

iBase

PANEL COMMs PORT
Valid 1-65535

→6000

FlexiBase & FlexIP

PANEL COMMs PORT
Valid 1-65535, excluding:
1/2/5/6/8000, 5021

→6100

 **Note**

The FlexiBase and FlexIP are not able to use any port number that is listed in row three of the display in the Panel Comms PORT menu.

2.2.19 IP Connect Detect

Conditional option: Communication Sequence must not = 1

This determines whether or not the panel will monitor the availability of its WAN IP connection or not.

0	Disabled
1	Enabled

IP CONNECT DETECT

valid 0-1

→1

2.2.20 IP Polling Frequency

Conditional option: Communication Sequence must not = 1

This is a value in seconds (0-1275 in 5 second intervals) which determines how often the panel will send a polling message to the Bosch Receiver. The Bosch Receiver expects this polling message at regular intervals and will generate Line Interrupt at the Central Station if it is missed. The tech will need to get this value from the Central Station.

Default	75
---------	----

 **Important**

Never exceed an interval of 250 seconds.

 **UL**

Do not exceed an interval of 200 seconds if UL grade install.

IP POLL FREQUENCY

0-1275 seconds,

In 5 sec intervals

→75

2.2.21 Acknowledge Wait Timer

Conditional option: Communication Sequence must not = 1

This is a value in seconds (15-255 in 1 second intervals). It is the amount of time the panel needs to wait for an acknowledgement from the Central Station following a polling message. The tech will also need to get this value from the Central Station.

 **UL**

Do not exceed an interval of 200 seconds if UL grade install.

Default	15
---------	----

ACK WAIT TIMER

15-255 seconds

→15

2.2.22 IP Periodic Test Timer

Conditional option: Communication Sequence must not = 1

Interval in seconds, which panel will send an IP Periodic Test message to SONIP. When properly configured, enabling this feature often reduces or eliminates the need to make adjustments to the customer's firewall.

25	Default: Plug & Play enabled. Panel sends IP Periodic Test to receiver at the programmed number of seconds, in order to maintain the Plug & Play connection with SONIP. Source Port UDP 7003 will be used.
0	Disabled: Legacy IP communications will be used, normally requiring firewall adjustments. Source Port UDP 7001 will be used.

```
IP PER. TEST TIMER
0 - 65535
valid 0-65535
→25
```

2.2.23 Central Station Dial Prefix 1

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the prefix number used prior to dialing the Central Station, such as:

*70	Cancel Call Waiting.
9	Used to gain access to outside line, or Dialing Delay.
D	Four second delay.

```
DIAL PREFIX 1
0 + '>' = *, #, D, ' '
10 chars max
→
```

 **Note**

This value is used as the prefix for both Central Station Dial Primary and Central Station Dial Secondary, at all times where both are programmed. If the dial prefix for these Central Station dial numbers must be unique for each number, leave this option blank and add the prefix to the Central Station Dial Primary and Central Station Dial Secondary fields, as needed.

2.2.24 Central Station Dial Primary

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the phone number of the Central Station line card receiving alarms for this panel. The phone number entered in this field will be the first telephone number called by the panel when it has an alarm to send via Dial. This field allows 16 digits. A dial prefix can be applied here if the dial prefix must be unique for Central Station dial Primary and Central Station dial Secondary.

```
C/S DIAL PRIMARY
0 + '>' = *, #, D, ' '
#####
→
```

2.2.25 Central Station Dial Secondary

Conditional option: Communication Sequence must not = 2, 5 or 7

Backup dial number if attempt to use C/S Dial Primary was unsuccessful.

```
C/S DIAL SECONDARY
0 + '>' = *, #, D, ' '
#####
→
```

2.2.26 Special Upload/Download

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the phone number of the Central Station dedicated to the UDM which can be used to upload/download data to and from the panel. This number is used by the panel when it receives an Upload or Download request. If this field is left blank, the panel will perform the upload using the Central Station Primary or Secondary number, depending on the active and/or current communication path.

```
SPECIAL UP/DNLD #
0 + \>' = *, #, D, ' '
#####
→
```

2.2.27 Dial Type

Conditional option: Communication Sequence must not = 2, 5 or 7

This determines the dialling method used for the v.34 modem on the panel.

0 (Default)	DTMF
1	Pulse

```
DIAL TYPE
Valid 0-1
→0
```

2.2.28 Phone Line Monitor

Conditional option: Communication Sequence must not = 2, 5 or 7

This option determines whether or not the panel will monitor the availability of the v.34 modem line.

0	Disabled
1 (Default)	Enabled

```
PH LINE MONITOR
Valid 0-1
→1
```

2.2.29 Seconds On-Hook to Dial

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the number of seconds the v.34 modem must be on-hook before the panel begins its dialling sequence. This value should be increased to 5 at the Central Station.

Default	3
---------	---

```
SEC ON HK-TO DIAL
Valid 0-127
→3
```

2.2.30 Seconds Wait-Dial Tone

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the number of seconds the panel will wait after taking the v.34 modem off-hook to begin its dialling sequence.

Default	2
---------	---

```
SEC WAIT-DIAL TONE
valid 0-127
→2
```

2.2.31 Response Time

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the number of seconds the panel will wait for an acknowledgement from the Central Station (over the v.34 modem) before making another dialling attempt.

Default	45
RESPONSE TIME	
Valid 0-127	
	→45

2.2.32 Rings Before Answer

Conditional option: Communication Sequence must not = 2, 5 or 7

This is the number of rings the panel will wait before answering an incoming call (over the v.34 modem).

0	Panel will not answer incoming calls.
1 (Default)	Panel will answer an incoming call on the first ring.
RINGS BEFORE ANSWR	
Valid 0-15	
	→1

2.2.33 Answering Machine

Conditional option: Communication Sequence must not = 2, 5 or 7

This is an option which allows the panel to delay messaging for a period of time so that the panel allows an answering machine to cycle through.

0 (Default)	Disabled
1	Enabled: For use when panel shares the phone line with an answering machine.
ANSWERING MACHINE	
Valid 0-1	
	→0

2.2.34 Phone Disabled When Armed

Conditional option: Communication Sequence must not = 2, 5 or 7

This option does not allow any customer telephones to ring (audibly) when any partition is armed. The panel does this by holding the off-hook relay in the off-hook position.

PH DISABLD WHN ARM	
Valid 0-1	
	→0

2.2.35 Contact Check

Function behavior varies slightly depending on panel type:

iBase & FlexiBase: The contact check occurs when the panel has not communicated with the Central Station within the programmed amount of time. The first available communication path will be used to transmit the contact check to central station. Backup path(s) are not tested unless the Primary Path is down.

FlexiP: The contact check always occurs at the specified interval. All communication paths are tested during each contact check, in the order specified by the Communication Sequence.

Default	24:00 (HH:MM)
---------	---------------

```
CONTACT CHECK
00:00 - 99:59
                →24:00█
```

2.2.36 Global Bell/Beep

This option determines what will annunciate based on a 'Global' alarm (Global alarms are alarms that are system wide and not specific to a single partition. All partition devices associated with annunciation will sound for this option when programmed to do so.

Types of Global alarms are as follows:

- Panel Battery Alarm
- Panel AC alarm
- Dedicated Tamper (Access-4 modules)
- Communications alarms

The Keypad and bell annunciation can be configured as follows:

0 (Default)	Bell only
1	Keypad only
2	Bell and Keypad
3	None

```
GLOBAL BELL/BEEP
valid 0-3
                →0█
```

2.2.37 Bell/Beep Timer

This option sets the amount of time for both the bell and Keypads to beep for events programmed to trigger the bell and/or Keypad beeps


```
BELL/BEEP TIMER
10 sec intervals
valid 10-2400
                →1800█
```

2.2.38 SIA CP-01

This controls whether or not the panel will adhere to the SIA CP-01 False Alarm Reduction Standard.

0 (Default)	Disabled
1	Enabled

 **Important**
 After enabling **SIA CP-01** option by pressing **1 (yes) + ENTER**, you must return to the Default screen, and log back into the System Menus to continue.

 **Notes**
 To save time, set SIA CP-01 settings first. Follow SIA CP-01 instructions above, then exit to default screen and re-enter Programming Mode.
 SIA CP-01 is not UL or ULC approved.

```
SIA CP01
valid 0-1
                →0█
```


2.2.39 Normal Sensitivity

This controls the default audio sensitivity level of the panel.

```

Default          9
NORMAL SENSITIVITY
valid 0-15
                →9█
    
```

2.2.40 Base Sensitivity

This controls the Baseline (default) audio sensitivity of the panel. This value refers to the lowest possible setting for that sensitivity.

```

Default          5
BASE SENSITIVITY
valid 0-15
                →5█
    
```

2.2.41 Sensitivity Timeout

When the Central Station lowers the sensitivity of the panel below the Baseline setting, the panel will start a timer using this value (in minutes). When this timer expires the sensitivity will return to the normal setting.

```

Default          15
SENS. TIMEOUT
valid 0-75
                →15█
    
```

2.3 Partition Setting

System Menus ► Programming Mode ► Partition

2.3.1 Partition

By default, Partition A is always active. This option identifies which partition you will be configuring. The proper selection is a choice between **0-15** which represents partition A (**0**) – P (**15**).

```

PARTITION 00
A=0...P=15
valid 0-15
                →0█
    
```

 **Note**

Only partitions A=**0**-H=**7** are available on FlexiBase and FlexiP panels.

2.3.2 Arm / Disarm Type

For each partition an Arm / Disarm Type must be chosen. This determines the protocol used to arm and disarm the partition. The options are:

0	Auto No-Dial Partition state changes occur at the panel and do not notify the state change until it communicates with the Central Station at the time of an event that triggers such communication.
1	Not Used (Inactive)
2	Automatic Verifies user credentials at the panel to arm and disarm, and immediately notifies the Central Station of the state change.
3 (Default)	Secure Verifies the connection to the Central Station before changing state.

```
PARTITION 00
ARM/DISARM TYPE
valid 0-3
→3
```

2.3.3 Entry Delay

For each partition, a certain amount of time is allotted for entering an armed partition and disarming the partition without setting off an alarm. This option sets that period of time. If an alarm point initiates the entry delay, then it must be programmed as a delay starter or delay follower. All other alarm points susceptible to being violated prior to disarming at a Keypad should be programmed as delay followers to prevent false alarms (See 2.5.12). If the entry delay is necessary when gaining access to the armed partition via an access door, 'Access Starts Entry Delay' must be optioned for the access control door. (See 2.9.27)

SIA CP-01 = 0	Default: 30	Valid range from 0-150
SIA CP-01 = 1	Default: 30	Valid range from 30-240

```
PARTITION 00
ENTRY DELAY
valid 0-150
→30
```

 **Note**

If the SIA CP-01 options are needed, but are not displayed, you must return to the **Programming Mode ► Comms INFO** to enable SIA CP-01.

2.3.4 Exit Delay

For each partition, a certain amount of time is allotted for exiting an armed partition without setting off an alarm. This option sets that period of time. All other alarm points susceptible to being violated prior to exiting the partition should be programmed as delay followers to prevent false alarms (See 2.5.12).

SIA CP-01 = 0	Default: 45	Valid range from 0-150
SIA CP-01 = 1	Default: 45	Valid range from 45-150

```
PARTITION 00
EXIT DELAY
valid 0-150
→45
```

 **Note**

If the SIA CP-01 options are needed, but are not displayed, you must return to the **Programming Mode ► Comms INFO** to enable SIA CP-01.

2.3.5 Abort Window

Conditional Option: SIA CP-01 must = 1

This is the amount of time, in seconds, that a user would have after setting off an alarm to cancel it without being sent to the Central Station. Alarm is cancelled by entering the user code at the Keypad, then pressing **ENTER**.

30	Default
PARTITION 00 ABORT WINDOW valid 15-45 →30	

 **Note**

If the SIA CP-01 options are needed, but are not displayed, you must return to the **Programming Mode ▶ Comms INFO** to enable SIA CP-01.

2.3.6 Arm on Shift

Enter a shift number which represents the times you want this partition to automatically arm (to full security).

0	Default
1-128	Shift
PARTITION 00 ARM ON SHIFT valid 0-128 →0	

2.3.7 Occupy on Shift

Enter a shift number which represents the time you want this partition to automatically arm to **Occupied No-Delay**.

0	Default
1-128	Shift
PARTITION 00 OCCUPY ON SHIFT valid 0-128 →0	

2.3.8 Disarm On Shift

Enter a shift number which represents the time you want this partition to automatically disarm.

0	Default
1-128	Shift
PARTITION 00 DISARM ON SHIFT valid 0-128 →0	

2.3.9 Duress Code

Enter a 1-4 digit number which will serve as the duress code for this partition. The duress code is used to arm or disarm the partition, while sending an **EMERG** alarm to the Central Station. Used when an employee is under threat. Entering the Duress Code without pressing the Arm / Disarm button will send the duress alarm to the Central Station without changing the partition state.

PARTITION 00 DUR CODE 4 digits →0	
--	--

2.3.10 Enable 911

This allows the user at the Keypad to enter **911 + ENTER** and generate an **EMERG** alarm message. The **Arm / Disarm, ENTER**, or navigation keys may or may not be selected before entering **911**. Either case will send the EMERG alarm to the Central Station.

0	Disabled
1 (Default)	Enabled

PARTITION 00
 ENABLE 911
 valid 0-1

→1



Important

The 911 code does not Arm / Disarm the Partition.



UL

911 must be DISABLED if UL grade install.

2.3.11 Enable Quick Arm

This allows a user to select the **Arm / Disarm** button + **ENTER** to arm the partition. There is no user authentication or validation during this function.

0 (Default)	Disabled
1	Enabled

PARTITION 00
 ENABLE QUICK ARM
 valid 0-1

→0

2.3.12 Report Arming from Occupied

This causes the panel to send a status message to the Central Station when the partition is armed to Occupied Mode.

0 (Default)	Disabled
1	Enabled

PARTITION 00
 REP ARMING FRM OCC
 valid 0-1

→0

2.3.13 Keypad Backlight Normal

Select a value representing the brightness of the LCD display on the Keypads assigned to this partition in their default state. This value directly affects power consumption.

Default	2
---------	---

PARTITION 00
 KEYPAD BKLT NORMAL
 valid 1-10

→2

2.3.14 Keypad Backlight Maximum

Select a value representing the brightness of the LCD display on the Keypads assigned to this partition when in use. This value directly affects power consumption.

Default	10
---------	----

PARTITION 00
 KEYPAD BKLT MAX
 valid 1-10

→10

2.3.15 Bell-Abort Audio Alarm

Determines if the panel bell circuit should go active when the panel goes into Abort mode as a result of an audio alarm.

0	Disabled
1 (Default)	Enabled


```

PARTITION 00
BELL:AbrtAudAlrm
valid 0-1
                                →1 █
        
```

2.4 Keypad Settings

System Menus ► Programming Mode ► Keypad

Use these menus to assign Keypads to a default Partition. A single Keypad can be assigned to only one partition, but multiple Keypads can be assigned to the same partition.

Once assigned, the Keypad will reflect that partition's status messages. To scroll to the next Keypad, use the **RIGHT** navigation button.

2.4.1 Keypad

Address assignment 1-16. Use this to select the Keypad you want to configure. This value corresponds to the dipswitch setting on the Keypad itself.

```

KEYPAD 01
valid 1-16
                                →1 █
        
```

 **Note**

On a FlexiBase & FlexiP, address assignments 1-8 are valid.

2.4.2 Partition

Enter **0 (A) – 15 (P)**. This is the partition assignment for the Keypad. Once entered, press the **RIGHT** navigation button to move to the next Keypad. If changing the partition assignment for the Keypad being used to make changes, once entered, the Keypad will return to the default screen of Disarmed.

```

KEYPAD 01
PART. ASSIGNMENT
valid 0-15
                                →0 █
        
```

 **Note**

Only partitions A=0-H=7 are available on FlexiBase and FlexiP panels.

2.5 Alarm Input Settings

System Menus ► Programming Mode ► Alarm Input

2.5.1 Select Module

Because there are alarm inputs on virtually every module, you must first identify which module contains the input you want to configure. A list is presented with active modules. Use the navigation buttons to scroll up or down through the list to find the module you need. Once the cursor is next to the module you want, press **ENTER**.

```

ALARM INPUT
select module
▶I-B
        
```

**Notes**

For systems with multiple modules of the same type, the module ID is listed to the right of the module type.

I-B identifies the iBase panel.

F-B identifies the FlexiBase panel.

FIP identifies the FlexIP panel.

I/O identifies the I/O Expansion module

AUD8 identifies the Audio-8 module.

ECHO identifies the Inovonics® Echostream EN4200 wireless receiver

2.5.2 Input

After the module has been selected, press the number key(s) associated with the alarm input you want to configure, i.e. 1-16 depending upon the module type.

```
I-B      ,INPUT  01
ALARM INPUT
valid 1-8
→1
```

**Note**

When FlexiBase (F-B) is selected, alarm input values of 1-16 are valid.

When FlexIP (FIP) is selected, alarm input values of 1-16 are valid.

When iBase (I-B) is selected, alarm input values of 1-8 are valid.

When Audio-8 (AUD8) is selected, alarm input values of 1-8 are valid.

When I/O Expansion (I/O) is selected, alarm input values of 1-16 are valid.

When Echostream (ECHO) is selected, wireless alarm input values of 1-64 are valid.

2.5.3 Wireless Device Type

Conditional option: Selected Module must = ECHO

Program this setting based on the device type that is being assigned to this Alarm Input. Normally there will be many Transmitters with a small number of wireless repeaters or no repeaters at all.

0	Wireless Repeater
1 (Default)	Wireless Transmitter

```
ECHO      ,INPUT  01
DEVICE TYPE
valid 0-1
→1
```

2.5.4 Wireless Device Unique ID

Conditional option: Selected Module must = ECHO

Enter the 8-Digit device ID found on the Echostream device. Be sure to enter all eight digits, including leading 0's.

```
ECHO      ,INPUT  01
UNIQUE ID
valid 0-16777215
→
```

2.5.5 Partition Assignment

Enter **0 (A) – 15 (P)**. Once assigned, this alarm input will then be a member of that partition. As that partition arms and disarms, this input will be controlled and checked accordingly.

```
I-B      ,INPUT  01
PART. ASSIGNMENT
valid 0-15
→0
```

 **Note**

Only partitions A=0-H=7 are available on FlexiBase and FlexiP panels.

2.5.6 Alarm Type

This option serves two purposes, one to activate the alarm input, and two to specify the alarm message identifier to be sent to the Central Station when this input is violated.

0	Perim Reports an alarm code identifying this as a PERIM
1	Delay Reports an alarm code identifying this as a DELAY
5	Alarm Reports an alarm code identifying this as an ALARM
7	Emerg Reports an alarm code identifying this as an EMERG Only applies to emergency conditional.
11	Glass Reports an alarm code identifying this as a GLASS
12	Trap Reports an alarm code identifying this as a TRAP
15	Tamper Reports an alarm code identifying this as a TAMPER
16	Inactive This input will never report an alarm condition
17	Special Does not report an alarm, see Special Type menu Only applies to Special Input conditional
18	Warning Reports an alarm code identifying this as a TROUBLE
19	Global Free Exit Input When circuit condition is tripped, a command is broadcast to all access control doors to move into an unlocked state. This condition remains until the circuit is restored, at which time a command is broadcast to return to their normal state.
20	Global Lockdown When circuit condition is tripped, a command is broadcast to all access control doors to move into a locked state. This condition remains until the circuit is restored, at which time a command is broadcast to return to their normal state.

Any numbers not defined are either unused or inactive and will not report alarms.

```
I-B      , INPUT  01
ALARM TYPE: 0, 1, 5, 7
11, 12, 15-20
→16
```

2.5.7 Emergency Audio Module

Conditional option: Alarm Type must = 7

Begin by selecting an audio module for the audio sensor you want to configure.

```
EMERGENCY AUDIO
select module
▶I-B
AUD8 01
```

Notes

In order to set up emergency audio, there must be active audio sensors.

2.5.8 Emergency Audio Sensor

Conditional option: Alarm Type must = 7

Enter the number of the audio sensor to configure and press **ENTER** and then the **DOWN** navigation button to advance to the next screen.

```
EMERGENCY AUDIO
I-B ,AUDSEN 00
valid 1-4
```



Notes

When FlexiBase (F-B) is selected, audio sensor values of 1-16 are valid.

When FlexIP (FIP) is selected, audio sensor values of 1-16 are valid.

When iBase (I-B) is selected, audio sensor values of 1-4 are valid.

When Audio-8 (AUD8) is selected, audio sensor values of 1-8 are valid.

2.5.9 Remove Sensor

Conditional option: Alarm Type must = 7

This screen can only be reached by pressing the **RIGHT** navigation button while in the audio sensor screen. To go back, press the **LEFT/CLR** navigation button. To remove the sensor, press **ENTER**.

```
EMERGENCY AUDIO
REMOVE SENSOR
ENTER to confirm
```



2.5.10 Special Input Type

Conditional option: Alarm Type must = 17

This option defines the specific use of the Special Alarm Type. This type of alarm input provides internal system controls otherwise not available.

0 (Default)	Input not used.
1	Arm/Disarm on Short Partition status toggles when circuit condition is shorted.
2	Arm on Open/Disarm on Short Partition status arms on an open circuit condition, and disarms on a shorted circuit condition.
3	Inhibit Audio Alarm on Short When circuit condition is shorted, no impact activated audio alarms can be generated on this partition.
4	Inhibit Audio Alarm on Open When circuit condition is opened, no impact activated audio alarms can be generated on the specified audio sensors.
11	Occupied Delay/Disarm on Short Partition toggles between Occupied Delay and Disarm when the circuit condition is momentarily shorted.
12	Occupied Delay on Open/Disarm on Short Partition status changes to Occupied Delay when the circuit condition is open, and changes to Disarmed when the circuit condition is shorted.

 **Note**

Any numbers not defined are either unused or inactive and will not report alarms.

```
I-B      ,INPUT  01
SPECIAL TYPE
valid 0-4,11,12
→0
```

2.5.11 Security Level

This determines the partition state(s) under which this alarm input will generate an alarm message when violated. If set for **24 hours**, it does not matter what the partition state is; this input will always generate an alarm condition. If set to **Armed**, this input will only generate an alarm when the partition is set to fully armed. If set to **Occupied** or **Armed**, this input will generate an alarm if this partition is set to occupied or fully armed.

0	24 hours
1(Default)	Occupied
2	Armed

```
I-B      ,INPUT  01
SECURITY LEVEL
valid 0-2
→1
```

2.5.12 Delay Function

Determines whether or not this input should start the entry delay timer (**Starter**), or be ignored during the exit / entry delay timer (**Follower**).

0(Default)	None
1	Starter
2	Follower

```
I-B      ,INPUT  01
DELAY FUNCTION
valid 0-2
→0
```

2.5.13 Audio Function

Determines whether or not audio should be provided when this input goes into an alarm condition.

0	None No audio will be sent with alarm.
1(Default)	Audio Audio from all microphones in the input's partition are summed together and streamed to the Central Station. If alarm input security level is 24 hours and audio is selected for Audio function, then audio sensor <u>must</u> also be set to 24 hour power security level in order for audio to stream when input violated.
2	Drop Line Panel disconnects phone line communications after sending the alarms to the ARC or Central Station.

```
I-B      ,INPUT  01
AUDIO FUNCTION
valid 0-2
→1
```

2.5.14 Alarm Circuit Condition

Determines what circuit condition represents an alarm. When the appropriate condition is detected, an alarm message is generated and sent to the Central Station.

0	Alarm on Open
1(Default)	Alarm on Short
2	Alarm on Open or Short

```
I-B      ,INPUT  01
ALARM CIRCUIT COND
valid 0-2
→1
```

2.5.15 Supervise Function

Determines whether or not this alarm input circuit contains an end-of-line resistor(s) or not.

0	No EOL Normal source voltages are monitored and no trouble condition can be generated.
1(Default)	EOL Installed Source voltage values are monitored at the adjusted values and trouble conditions can then be delivered.

```
I-B      ,INPUT  01
SUPERVISE FUNCTION
valid 0-1
→1
```

 **Note**

Input must be supervised.

Refer to the corresponding Installation Guide (Part Numbers: 19810005, 19810022, 19810065) for Alarm Point Supervision information.

2.5.16 Test GBD at Arming

Determines if the alarm input is treated as a Glass Break device which is expected to violate during arming when the Audio Sensor self test takes place.

0(Default)	Disabled Alarm Input will not expect a violation during Arming.
1	Enabled Alarm Input expects a violation during Arming, indicating that an Audio Sensor has annunciated (a function of the Audio Sensor Self Test) and the Glass Break relay is functioning normal. If the violation does not take place, then a Trouble will be generated, indicating a malfunction.

```
I-B      ,INPUT 01
TEST GBD AT ARMING
valid 0-1
→0
```

2.5.17 Restore Function

Determines whether or not to send a restore message when the circuit condition returns to normal.

0	No
1(Default)	Yes

```
I-B      ,INPUT 01
RESTORE FUNCTION
valid 0-1
→1
```

2.5.18 Abort Redial

If an alarm message from this input failed to reach the Central Station, this option determines whether or not to try again.

0	No
1(Default)	Yes

```
I-B      ,INPUT 01
ABORT REDIAL
valid 0-1
→1
```

2.5.19 Chime Mode

Determines whether or not to include input violations with Chime Mode. When Chime Mode is set, any alarm circuit condition that is detected causes the Keypad(s) in the same partition to beep.

0	No
1(Default)	Yes

```
I-B      ,INPUT 01
CHIME MODE
valid 0-1
→1
```

2.5.20 Bell/Beep:Off If Alarm

Bell refers to the Bell Circuit, and Beep refers to the Keypad. This option either allows (0) or disallows (1) the ability to sound the bell or beep the Keypads if an alarm condition exists on this input. Panels provide 30 minutes of alarm.

0(Default)	No
1	Yes

If set to **1** none of the **BELL** or **BEEP** options apply.

```
I-B      ,INPUT 01
BEL/BEEP:OffIfAlrm
valid 0-1
→0
```

2.5.21 Bell Aborted Alarm

Conditional option: Bell/Beep:Off If Alarm must = 0

If set to 1, the bell circuit goes active when an alarm from this input creates an **ABORT** condition.

0	No
1(Default)	Yes

```
I-B      ,INPUT 01
BELL ABORTED ALARM
valid 0-1
→1
```

2.5.22 Bell:Alarm Partition Armed

Conditional option: Bell/Beep:Off If Alarm must = 0

If set to **1**, the bell circuit goes active when an alarm from this input is detected while the partition is **Fully Armed**.

0(Default)	No
1	Yes

```
I-B      ,INPUT 01
BELL:AlrmPartArmed
valid 0-1
→0
```

2.5.23 BELL:Alarm Partition Disarmed or Occupied

Conditional option: Bell/Beep:Off If Alarm must = 0

If set to **1**, the bell circuit goes active when an alarm from this input is detected while the partition is either **Disarmed** or in one of the **Occupied** states.

0(Default)	No
1	Yes

```
I-B      ,INPUT  01
BELL:AlrmPartDisOc
valid 0-1
→0
```

2.5.24 BEEP:Abort Partition Disarmed or Occupied

Conditional option: Bell/Beep:Off If Alarm must = 0

If set to 1, the Keypads beep when an alarm from this input creates an **ABORT** condition while the partition is either **Disarmed** or in one of the **Occupied** states.

0	No
1(Default)	Yes

```
I-B      ,INPUT  01
BEEP:AbrtPartDisOc
valid 0-1
→1
```

2.5.25 BEEP:Alarm Partition Disarmed or Occupied

Conditional option: Bell/Beep:Off If Alarm must = 0

If set to 1, the Keypads beep when an alarm from this input is detected while the partition is either disarmed or in one of the Occupied states.

0(Default)	No
1	Yes

```
I-B      ,INPUT  01
BEEP:AlrmPartDisOc
valid 0-1
→1
```

2.5.26 CROSS ZONE #

Conditional option: SIA CP-01 must = 1

Determines whether or not this input belongs to one of three different cross zones within this partition.

0(Default)	Not Used
1	Cross Zone 1
2	Cross Zone 2
3	Cross Zone 3

If set to **1, 2 or 3**, the panel would not send the alarm message from this input unless it also detects an alarm condition from another input assigned to the same cross zone value **1, 2 or 3**.

 **Note**

Alarms in Cross Zone must be in the same Partition.

```
I-B      ,INPUT  01
CROSS ZONE #
valid 0-3
→0
```

2.6 Audio Sensor Settings

System Menus ► Programming Mode ► Audio Sensor

2.6.1 Select Module

Because there are audio inputs on virtually every module, you must first identify which module contains the input you want to configure. A list is presented with active modules, use the navigation buttons to scroll up or down through the list to find the module you need. Once the cursor is next to the module you want, press **ENTER**.

```
AUDIO SENSOR
select module
►I-B
AUD8 01
```

Notes

I-B identifies the iBase panel.
 F-B identifies the FlexiBase panel.
 FIP identifies the FlexiP panel.
 AUD8 identifies the Audio-8 module.

2.6.2 Select Audio Sensor

After selecting the module, press the number key(s) associated with the audio sensor you want to configure, i.e. 1-4 depending upon the module type.

```
I-B      ,AUDSEN 01
AUDIO SENSOR
valid 1-4
→1
```

Notes

When FlexiBase (F-B) is selected, audio sensor values of 1-16 are valid.
 When FlexiP (FIP) is selected, audio sensor values of 1-16 are valid.
 When iBase (I-B) is selected, audio sensor values of 1-4 are valid.
 When Audio-8 (AUD8) is selected, audio sensor values of 1-8 are valid.

2.6.3 Partition Assignment

Once assigned, this audio input will be a partition member. When that partition arms and disarms, this input is controlled and checked accordingly.

```
I-B      ,AUDSEN 01
PART. ASSIGNMENT
valid 0-15
→0
```

Note

Only partitions A=0-H=7 are available on FlexiBase and FlexiP panels.

2.6.4 Sensor Type

Determines whether or not this audio input is active or not and what style of audio sensor is connected.

2	AudioSensor (PA-20)
7(Default)	Inactive
8	GBD-ST

```
I-B      ,AUDSEN  01
SENSOR TYPE
valid 2,7,8
→7
```

 **Note**

If set as **GBD-ST**, remember to option the alarm input, where the Glass Break circuit is connected, as a **Follower** (under Delay Function), and **Test GBD at Arming** is enabled (only if audio sensor with **Self-Test** is enabled). This avoids unnecessary alarm input trips during entry / exit delays and supervises the GBD.

2.6.5 Power Security Level

Determines under what partition status to provide power to the microphones.

0	24 hours Partition status is ignored and power is always applied.
1	Occupied Power is applied while the partition is set to Armed or Occupied . No impact audio will generate for the corresponding partition.
2(Default)	Armed Power is only applied when the partition is fully armed.

```
I-B      ,AUDSEN  01
PWR SECURITY LEVEL
valid 0-2
→2
```

2.6.6 Self-Test

Determines whether or not the self-test wire is connected to the input. If set to **1**, then this microphone must cause the detector to trip during the self-test process, which precedes an arming sequence.

0	No
1(Default)	Yes

```
I-B      ,AUDSEN  01
SELF TEST
valid 0-1
→1
```

2.6.7 Emergency Audio

Determines whether or not this microphone should provide audio when there is an Emergency alarm in the same partition.

0(Default)	No
1	Yes

```
I-B      ,AUDSEN  01
EMERGENCY AUDIO
valid 0-1
→0
```

2.6.8 Sensitivity

Adjustable from 0 to 15, where 15 is the most sensitive and 0 (Listenback), will not detect impact audio at all.

```

I-B      ,AUDSEN  01
SENSITIVITY
valid 0-15
→8█

```

2.6.9 Inhibit with Special Input

Determines whether or not this input is shunted when the Special Input Type **Inhibit Audio Alarm on Short** or **Inhibit Audio Alarm on Open** are active.

```

I-B      ,AUDSEN  01
INHIBIT W/SP. INPUT
valid 0-1
→0█

```

2.7 Period Settings

System Menus ► Programming Mode ► Period

2.7.1 Period

Enter the **Period** number you want to configure (1-128). Press **ENTER**, then **DOWN** navigation button to advance to the first option screen.

```

PERIOD 001
valid 0-128
→1█

```

2.7.2 Start Time

Enter the **Start Time** for this period in the 24 Hr. clock format; it must be a value between 00:00 (midnight) and 23:59 (11:59 pm). The specified time represents the hour and minute that this period becomes active.

```

PERIOD 001
START TIME
00:00 - 23:59
→00:00█

```

2.7.3 End Time

Enter the **End Time** for this period in the 24 Hr. clock format; it must be a value between 00:00 (midnight) and 23:59 (11:59 pm). Also, the end time cannot be a value that comes before the **Start Time**. For example, a start time of 12:00 (noon) and an end time of 10:00 (10:00 am) will not function and must be entered as two separate periods. The specified time represents the hour and minute that this period becomes inactive.

Example

Period 1 = Start 12:00 (noon) — End 23:59 (11:59pm)

Period 2 = Start 00:00 (midnight) — End 10:00 (10:00am)

```

PERIOD 001
END TIME
00:00 - 23:59
→23:59█

```


2.7.4 Day of Week

Enter either a **1** or a **0** for each day of the week, including the Special Date Range (**R**). A one (**1**) selects the day of the week and a zero (**0**) does not for this period. The 1s and 0s are entered in a bit mask format following the pattern **SMTWTFSR**. Starting from left to right, the letters represent **Sunday, Monday, Tuesday...., Saturday** and **Special Date Range**. For example, if the period was to repeat Monday through Friday, the bit mask would appear as **01111100**.

```

PERIOD 001
DAY OF WEEK
SMTWTFSR
                                →11111111
    
```

2.7.5 Reserve Guard Tour

Determines whether or not this period needs to be reserved for a Guard Tour Shift.

0(Default)	No
1	Yes

This period is selected to be configured as a Guard Tour Shift.

```

PERIOD 001
RESERVE GUARD TOUR
valid 0-1
                                →0
    
```

2.8 Shift Settings

System Menus ► Programming Mode ► Shift

2.8.1 Shift

Enter the **Shift** number you want to configure (1–128). Press **ENTER**, then the **DOWN** navigation button to advance to the first option screen.

```

SHIFT 001
valid 0-128
                                →1
    
```

2.8.2 Guard Tour Shift

Determines whether or not this Shift can be used to configure an Access Control door for Guard Tours.

0(Default)	No
1	Yes

```

SHIFT 001
GUARD TOUR SHIFT
valid 0-1
                                →0
    
```

2.8.3 Add Period

Enter the **Period Number** you want to include with this Shift. Press **ENTER** after the number and continue adding periods until all the periods which apply to this shift have been selected. Period 1 is always defaulted to all shifts. If period 1 is not needed, it must be removed.

```
SHIFT 001
ADD PERIOD
valid 0-128
→1
```

2.8.4 Remove Period

Use the **RIGHT** navigation button to advance to the Period number to remove and press **ENTER** to remove the period from this shift.

```
SHIFT 001
REMOVE PERIOD 001
ENTER to confirm
1
```

2.9 Access Door Settings

System Menus ► Programming Mode ► Access Door

2.9.1 Select Module

Because access controlled doors can be tied to different modules, you must first identify which module contains the door you want to configure. A list is presented with active modules, use the navigation buttons to scroll up or down through the list to find the module you need. Once the cursor is next to the module you want, press **ENTER**.

```
ACCESS DOOR
select module
►I-B
ACC4 01
```

 **Note**

FlexiBase and FlexIP do not have on board access doors. Up to four Access-4 Modules may be added to these panels where access control is needed.

ACC4 identifies the Access-4 module.

2.9.2 Door

Enter the Door Number you want to configure, then press **ENTER** to advance to the configuration screens. ACC4 will have 4 valid doors to be configured

```
I-B , DOOR 01
DOOR
valid 1-2
→1
```

2.9.3 Door Usage

Determines the function of this door.

0(Default)	Unused
1	Access Control
2	Arm/Disarm

```
I-B , DOOR 01
DOOR USAGE
valid 0-2
→0
```

2.9.4 Partition Assignment

Once assigned, this door input will then be a member of that partition. As that partition arms and disarms, this input will participate with and be governed by the applicable partition state.

```
I-B      , DOOR  01
PART. ASSIGNMENT
valid 0-15
→0
```

 **Note**

Only partitions A=0-H=7 are available on FlexiBase and FlexiP panels.

2.9.5 Energize to Lock

When selected **1 (Yes)**, reverses the lock relay action. The door is locked while the relay coil is energized.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
ENERGIZE TO LOCK
valid 0-1
→0
```

2.9.6 Unlock If Disarmed

Determines whether or not the door lock will be disengaged for the entire time the assigned partition is disarmed. This option overrides any disarm shift which may have ended (the door stays unlocked if both options are set and the partition is still disarmed).

0(Default)	No
1	Yes

```
I-B      , DOOR  01
UNLOCK IF DISARMED
valid 0-1
→0
```

2.9.7 Unlock During Shift

The shift number represents the period(s) of time this door is unlocked.

0(Default)	Door will remain locked at all times.
------------	---------------------------------------

```
I-B      , DOOR  01
UNLCK DURING SHIFT
valid 0-128
→0
```

2.9.8 Entry Unlock Timer

Sets the amount of time the door will be unlocked after entry is granted. Valid range is between 0 and 127 seconds.

5(Default)	Door will unlock for five seconds after entry is granted.
------------	---

```
I-B      , DOOR  01
ENTRY UNLOCK TIMER
valid 0-127
→5
```

2.9.9 Entry Wait Unlock Timer

Sets the amount of time that must pass before the door unlocks (before entry is granted). For use in applications where the reader is not located next to the door itself. Valid range is between 0 and 127 seconds.

0(Default)	There is no delay before the Unlock Timer begins.
<pre>I-B , DOOR 01 EntryWaitUnlkTimer valid 0-127 →0</pre>	

2.9.10 Entry Reader

Determines whether or not a reader is installed on the Entry Reader terminals of the door port.

0	No Entry Reader Installed
1(Default)	Entry Reader Installed Will begin any of the anti-passback operations if the door is optioned to participate in them.
<pre>I-B , DOOR 01 ENTRY READER valid 0-1 →1</pre>	

2.9.11 Entry Reader Format

Conditional option: Entry Reader must = 1

Determines how Wiegand card data is interpreted, and should match the Wiegand output setting of the installed card reader.

0(Default)	26-bit Swipe
1	Sonitrol 37-bit Customer Wiegand format created by HID for Sonitrol (37-bit).
2	Custom Card Format
80	None
<pre>ENTRY READER READER FORMAT valid 0-2, 80 →0</pre>	

 **Note**

If the entry reader is programmed for 37-bit cards, any 26-bit cards active in the panels database with the necessary rights will unlock the door as well.

2.9.12 Entry Reader Reverse Data

Conditional option: Entry Reader must not = 0

This is most commonly used for insert keys, where the card read is processed when the key is pulled out, which is backwards. Select 1 for reverse data

0(Default)	No Card data will be interpreted in the order it is received.
1	Yes Card data will be interpreted in reverse order.

```
ENTRY READER
REVERSE DATA
valid 0-1
→0
```

2.9.13 Entry Reader Custom Format

Conditional option: Entry Reader Format must = 2

0(Default)	Wiegand
1	Track 2

```
ENTRY READER
CUSTOM FORMAT
valid 0-1
→0
```

2.9.14 Entry Reader Custom Format Card ID Bits

Conditional option: Entry Reader Format must = 2

Input the amount of bits in the card number, from 1-32.

```
ENTRY READER
CARD ID-BITS
valid 1-32
→0
```

2.9.15 Entry Reader Custom Format Card ID Start Bit

Conditional option: Entry Reader Format must = 2

Input the start bit of the card number for the custom card format, from 1-128.

```
ENTRY READER
CARD ID-START
valid 1-128
→0
```

2.9.16 Entry Reader Site Code total Bits

Conditional option: Entry Reader Format must = 2

Input the quantity of bits in the site code, from 0-16.

```
ENTRY READER
SITE CODE-BITS
valid 0-16
→0
```

2.9.17 Entry Reader Site Code Start Bit

Conditional option: Entry Reader Format must = 2

Input the start bit for the site code, from 1-128.

```
ENTRY READER
SITE CODE-START
valid 0-128
→0
```

2.9.18 Exit Reader

Determines whether or not a reader is installed on the Exit Reader terminals of the door port. This reader will end any of the anti-passback operations if the door is optioned to participate in them.

0(Default)	No Exit Reader Installed
1	Exit Reader Installed

```

I-B      , DOOR  01
EXIT READER
valid 0-1
                                →0 █
        
```

2.9.19 Exit Reader Format

Conditional option: Exit Reader must = 1

Determines how Wiegand card data is interpreted, and should match the Wiegand output setting of the installed card reader.

0(Default)	26-bit Swipe
1	Sonitrol 37-bit Customer Wiegand format created by HID for Sonitrol (37-bit).
2	Custom Card Format
80	None

```

EXIT READER
READER FORMAT
valid 0-2,80
                                →0 █
        
```

 **Note**

If the exit reader is programmed for 37-bit cards, any 26-bit cards active in the panels database with the necessary rights will unlock the door as well.

2.9.20 Exit Reader Reverse Data

Conditional option: Exit Reader must not = 0

This is most commonly used for insert keys, where the card read is processed when the key is pulled out, which is backwards. Select 1 for reverse data

0(Default)	No Card data will be interpreted in the order it is received.
1	Yes Card data will be interpreted in reverse order.

```

EXIT READER
REVERSE DATA
valid 0-1
                                →0 █
        
```

2.9.21 Exit Reader Custom Format

Conditional option: Exit Reader Format must = 2

0(Default)	Wiegand
1	Track 2

```
EXIT READER
CUSTOM FORMAT
valid 0-1
→0
```

2.9.22 Exit Reader Custom Format Card ID Bits

Conditional option: Exit Reader Format must = 2

Input the amount of bits in the card number, from 1-32.

```
EXIT READER
CARD ID-BITS
valid 1-32
→0
```

2.9.23 Exit Reader Custom Format Card ID Start Bit

Conditional option: Exit Reader Format must = 2

Input the start bit of the card number for the custom card format, from 1-128.

```
EXIT READER
CARD ID-START
valid 1-128
→0
```

2.9.24 Exit Reader Site Code total Bits

Conditional option: Exit Reader Format must = 2

Input the quantity of bits in the site code, from 0-16.

```
EXIT READER
SITE CODE-BITS
valid 0-16
→0
```

2.9.25 Exit Reader Site Code Start Bit

Conditional option: Exit Reader Format must = 2

Input the start bit for the site code, from 1-128.

```
EXIT READER
SITE CODE-START
valid 0-128
→0
```

2.9.26 Reader LED

Refers to the LED operation of the readers. There is one LED control for both readers on each door, so both readers need to use the same LED control format.

0	Monochrome LED formation.
1(Default)	Multi-Color Allows the proper operation of red, yellow and green illuminations

```

I-B      , DOOR  01
READER LED:2-COLOR
valid 0-1
→1

```

Note

LED status will reflect the state of the door.

2.9.27 Arming Integration

This option ties the user access to the partition state. As an example, assume the user is authorized to disarm the armed partition that the door is assigned to and access is granted.

0	Card Access Starts Entry Delay Valid card read will begin Entry Delay. User must disarm the partition after entry.
1(Default)	Disarm Partition Security with Access Valid card read will disarm the partition when the door is unlocked.
2	Unlock Valid card read will unlock door. No interaction with partition state occurs.

```

I-B      , DOOR  01
ARMING INTEGRATION
valid 0-2
→1

```

2.9.28 Keypad Assignment

The values of 1-16 match the dipswitch setting of each Keypad. (FlexiBase and FlexiP panels limited to values 1-8.) This is the Keypad ID. The Keypad with the ID value entered here will be dedicated to this access control door and can only be used as an entry reader. To assign a Keypad to a door, both the door and the Keypad must be assigned to the same partition, and the door must be inactive; you can then assign the Keypad and make the door active.

0(Default)	No Keypad assigned to door.
1-16	Address of Keypad which is assigned to function as the entry reader for the door.

```

I-B      , DOOR  01
KEYPAD ASSIGNMENT
valid 0-16
→0

```

2.9.29 Card Read and Code

Determines whether a card read on this door also requires an Access Code to be entered at a Keypad or pin-pad before unlocking the door.

0(Default)	Only require a card read.
1	Require a card read, followed by associated Access Code entry at Keypad or pin-pad.

```

I-B      , DOOR  01
CARD READ AND CODE
valid 0-1
→0

```

2.9.30 Exit Switch

Determines whether or not there is an exit device installed on this door port.

0	No
1(Default)	Yes

```

I-B      , DOOR  01
EXIT SWITCH
valid 0-1
                                →1
    
```

 **Note**

Exit Switch terminal will report a **Door Trouble** alarm if engaged for a period of 5 minutes or longer.

2.9.31 Exit Circuit Condition

If set to **0**, when the circuit condition of the exit device is **Open**, the door will unlock. If set to **1**, when the circuit condition of the exit device is **Short**, the door will unlock.

0	Exit granted on Open
1(Default)	Exit granted on Short

```

I-B      , DOOR  01
EXIT CIRCUIT COND
valid 0-1
                                →1
    
```

2.9.32 Free Exit Unlock

This option determines if the door's lock will disengage when the exit switch is violated.

0(Default)	No Door lock will remain engaged during exit switch violations.
1	Yes Door will unlock during exit switch violations.

```

I-B      , DOOR  01
FREE EXIT UNLOCK
valid 0-1
                                →0
    
```

2.9.33 Log Free Exit

If set to **0**, Free Exit events will not be logged in Access event log. If set to **1**, Free Exit events will be logged in Access event log.

0(Default)	Free Exit not logged
1	Free Exit logged

```

I-B      , DOOR  01
LOG FREE EXIT
valid 0-1
                                →0
    
```

2.9.34 Exit: Wait To Unlock

Determines the amount of time that should pass before unlocking the door after the Exit circuit condition has been met. For use in applications where the reader is not located next to the door itself. Valid range is between 0 and 15 seconds.

0(Default)	There is no delay before the Unlock Timer begins.
------------	---

```
I-B      ,DOOR  01
EXIT:WaitToUnlock
valid 0-15
→0
```

2.9.35 Exit Unlock Timer

Determines the amount of time that the door will remain unlocked after an exit event is triggered. Valid range is between 0 and 127 seconds.

5(Default)	Door will unlock for five seconds after an exit event is triggered.
------------	---

```
I-B      ,DOOR  01
EXIT UNLOCK TIMER
valid 0-127
→5
```

2.9.36 Chime Mode

Determines whether or not to include violations with Chime Mode. When Chime Mode is set, any alarm circuit condition that is detected causes the Keypad(s) in the same partition to beep.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
CHIME MODE
valid 0-1
→1
```

2.9.37 Switch Installed

Determines whether or not there is a Door switch installed on this access control door. The door switch determines if the door is physically open or not, and **PROP** and **FORCE** alarms cannot be monitored without them.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
SWITCH INSTALLED
valid 0-1
→1
```

2.9.38 Security Level

Conditional option: Switch Installed **must = 1**

Determines the partition status during which this door will report **PROP** and **FORCE** alarms.

0(Default)	24 hours
1	Occupied
2	Armed
3	None Door will never generate a PROP or FORCE alarm.

```
I-B      ,DOOR  01
SECURITY LEVEL
valid 0-3
→0
```

2.9.39 Monitor Prop

Determines whether or not to monitor **PROP** alarms for this door.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
MONITOR PROP
valid 0-1
→1
```

2.9.40 Prop Timer

Conditional option: Monitor Prop **must = 1**

Determines the amount of time this door must be held open after a valid card read or proper exit before generating a **PROP** alarm. Valid range is between 0 and 510 seconds.

30(Default)	PROP Alarm will be generated after door has been opened for 30 seconds.
-------------	---

```
I-B      ,DOOR  01
PROP TIMER
valid 0-510
→30
```

2.9.41 Prop Audio Function

Determines if the panel should send audio from sensors in same partition, not send audio, or drop phone line after reporting alarm to Central Station.

0	None No audio will be sent with alarm.
1(Default)	Audio Audio from all microphones in the input's partition are summed together and streamed to the Central Station. If alarm input security level is 24 hours and audio is selected for Audio function, then audio sensor <u>must</u> also be set to 24 hour power security level in order for audio to stream when input violated.
2	Drop Line Panel disconnects phone line communications after sending the alarms to the ARC or Central Station.

```
I-B      ,DOOR  01
PROP AUDIO FUNC.
valid 0-2
→1
```

2.9.42 Monitor Force

Determines whether or not to monitor **FORCE** alarms for this door.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
MONITOR FORCE
valid 0-1
→1
```

2.9.43 Force Reset Timer

Conditional option: Monitor Force **must = 1**

Determines the amount of time this door must wait before generating a **FORCE** alarm. This allows time for door bounce or re-opening before the lock engages, to reduce false **FORCE** alarms. Valid range is between 0 and 10 seconds.

5(Default)	Door will wait 5 seconds after door use before generating a FORCE alarm.
------------	--

```

I-B      , DOOR  01
FORCE RESET TIMER
valid 0-10
    
```

→5

2.9.44 Force Audio Function

Determines if should send audio from sensors in same partition, not send audio, or drop phone line after reporting alarm to Central Station.

0	None No audio will be sent with alarm.
1(Default)	Audio Audio from all microphones in the input's partition are summed together and streamed to the Central Station. If alarm input security level is 24 hours and audio is selected for Audio function, then audio sensor <u>must</u> also be set to 24 hour power security level in order for audio to stream when input violated.
2	Drop Line Panel disconnects phone line communications after sending the alarms to the ARC or Central Station.

```

I-B      , DOOR  01
FORCE AUDIO FUNC.
valid 0-2
    
```

→1

2.9.45 Switch Alarm State

Determines what circuit condition represents an alarm.

0(Default)	Alarm on Open
1	Alarm on Short

```

I-B      , DOOR  01
SWITCH ALARM STATE
valid 0-1
    
```

→1

2.9.46 Switch Supervised

Determines whether or not this switch circuit contains an end-of-line resistor(s) or not. If set to 0, normal source voltages are monitored and no trouble condition can be generated as a result of door switch condition. If set to 1, source voltage values are monitored at the adjusted values and trouble conditions can be delivered.

0	No EOL Normal source voltages are monitored and no trouble condition can be generated.
1(Default)	EOL Installed Source voltage values are monitored at the adjusted values and trouble conditions can then be delivered.

```
I-B      ,DOOR  01
SWTCH SUPERVISED
valid 0-1
→1
```

 **Note**

Refer to the corresponding Installation Guide (Part Numbers: 19810005, 19810022, 19810065) for Alarm Point Supervision information.

2.9.47 Bell on Alarm: Armed

Determines whether or not the panel's bell circuit should go active if this door generates either a **PROP** or **FORCE** alarm while the partition it is assigned to is in a fully Armed state.

0(Default)	No
1	Yes

```
I-B      ,DOOR  01
BEL ON ALRM: ARMED
valid 0-1
→0
```

2.9.48 Bell on Alarm: Occupied / Disarmed

Determines whether or not the panel's bell circuit should go active if this door generates either a **PROP** or **FORCE** alarm while the partition it is assigned to is either in an **Occupied** or **Disarmed** state.

0(Default)	No
1	Yes

```
I-B      ,DOOR  01
BEL ON ALRM:OC/DIS
valid 0-1
→0
```

2.9.49 Bell on Abort Alarm

Determines whether or not the panel's bell circuit should go active if this door generates either a **PROP** or **FORCE** alarm and that alarm results in an **ABORT** condition.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
BELL ABORTED ALARM
valid 0-1
→1
```

2.9.50 Beep Keypad on Alarm

Determines whether or not the Keypads assigned to the same partition as the door should beep when a **PROP** or **FORCE** alarm is generated.

0	No
1(Default)	Yes

```
I-B      ,DOOR  01
BEEP KPDs ON ALARM
valid 0-1
→0
```

2.9.51 BEEP Keypads: Abort Alarm

Determines whether or not the Keypads assigned to the same partition as the door should beep when a **PROP** or **FORCE** alarm is generated and that alarm results in an **ABORT** condition.

0	No
1(Default)	Yes

```
I-B      , DOOR  01
BEEP KPDs:AbrtAlrm
valid 0-1
```

→0

2.9.52 Trigger Auxiliary Output 1

Determines whether or not the terminals for Aux A on the door port will be used.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
TRIGGER AUX OUT 1
valid 0-1
```

→0

2.9.53 Aux1-Valid Card Read

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate on every valid card read at this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-VALID CRD RD
valid 0-1
```

→0

2.9.54 Aux1-Invalid Card Read

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate on every invalid card read at this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-INVLD CRD RD
valid 0-1
```

→0

2.9.55 Aux1-Door Opens

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate every time the door physically opens (requires a door switch installed).

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-DOOR_OPENS
valid 0-1
→0
```

2.9.56 Aux1-Door Prop

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate every time a **PROP** alarm is generated by this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-DOOR_PROP
valid 0-1
→0
```

2.9.57 Aux1-Door Force

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate every time a **FORCE** alarm is generated by this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-DOOR_FORCE
valid 0-1
→0
```

2.9.58 Aux1-Free Exit

Conditional option: Trigger Auxiliary Output 1 must = 1

If set to **1**, it causes Aux A to activate every time free exit is granted at this door (either by the exit switch or egress device).

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX1-EXIT SWITCH
valid 0-1
→0
```

2.9.59 Aux1-Active timer

Conditional option: Trigger Auxiliary Output 1 must = 1

Determines the amount of time the aux output will stay active after being triggered. Valid range is between 0 and 127 seconds.

30(Default)	Aux A will remain active for 30 seconds following a trigger.
-------------	--

```
I-B      , DOOR  01
AUX1-ACTIVE TIMER
valid 0-127
→30
```

2.9.60 Trigger Auxiliary Output 2

Determines whether or not the terminals for Aux B on the door port will be used.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
TRIGGER AUX OUT 2
valid 0-1
→0
```

2.9.61 Aux2-Valid Card Read

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate on every valid card read at this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX2-VALID CRD RD
valid 0-1
→0
```

2.9.62 Aux2-Invalid Card Read

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate on every invalid card read at this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX2-INVLD CRD RD
valid 0-1
→0
```

2.9.63 Aux2-Door Opens

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate every time the door physically opens (requires a door switch installed).

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX2-DOOR_OPENS
valid 0-1
→0
```

2.9.64 Aux2-Door Prop

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate every time a **PROP** alarm is generated by this door.

0(Default)	No
1	Yes


```
I-B      , DOOR  01
AUX2-DOOR_PROP
valid 0-1
→0
```

2.9.65 Aux2-Door Force

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate every time a **FORCE** alarm is generated by this door.

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX2-DOOR_FORCE
valid 0-1
→0
```

2.9.66 Aux2-Exit Switch

Conditional option: Trigger Auxiliary Output 2 **must = 1**

If set to **1**, it causes Aux B to activate every time free exit is granted at this door (either by the exit switch or egress device).

0(Default)	No
1	Yes

```
I-B      , DOOR  01
AUX2-EXIT SWITCH
valid 0-1
→0
```

2.9.67 Aux2-Active Timer

Conditional option: Trigger Auxiliary Output 2 **must = 1**

Determines the amount of time the aux output will stay active after being triggered. Valid range is between 0 and 127 seconds.

30(Default)	Aux B will remain active for 30 seconds following a trigger.
-------------	--

```
I-B      , DOOR  01
AUX2-ACTIVE TIMER
valid 0-127
→30
```

2.9.68 Anti-Passback Type

Anti-Passback (AP) is a feature designed to prevent the same access card / fob from being used by multiple people. All related anti-passback controlled doors must be assigned to the same partition.

0(Default)	None No Anti-Passback is applied to the door.
1	Local Anti-Passback Forces a user who gains entry through a door to also exit through the same door before attempting to gain access again.
2	Global Anti-Passback Same as Local Anti-Passback setting, except that entries and exits may take place on any door which is uses Global Anti-Passback.
3	Turnstile Operation activates the IN door relay on entry and the OUT door relay on exit, since turnstile gates require separate input to allow proper rotation of the revolving gate.
4	Mantrap In a mantrap session, the session begins when a user gains entry through the first door and can only be completed when the first door closes and the user gains access through the second door <u>or</u> goes back out through the first door. Must be linked with another door in order to coordinate the mantrap session.

```
I-B      , DOOR  01
ANTI-PASSBACK TYPE
valid 0-4
→0
```

2.9.69 Mantrap-Select 2nd Door

Conditional option: Anti-Passback Type **must = 4**

From the list of doors on the same module, choose the door number for the 2nd Mantrap door and press **ENTER**.

```
I-B      , DOOR  01
MANTRAP 2nd DOOR
valid 1-2
→0
```

2.9.70 Guard Tour Shift

Enter the Guard Tour Shift number for the door port hosting a guard tour. During the shift time, a Guard user must record a valid card read at this door. If no valid card read is recorded, then a **GUARD DOWN** alarm is generated.

```
I-B      , DOOR  01
GUARD TOUR SHIFT
valid 0-128
→0
```

2.10 Access Level Settings

System Menus ► Programming Mode ► Access Level

2.10.1 Access Level

Enter the **Access Level** number you want to configure (1–256). Press **ENTER**, then the **DOWN** navigation button to advance to the first option screen.

```
ACCESS LEVEL 001
valid 1-256
→1
```

2.10.2 Arm Authority

Determines whether or not this Access Level grants its assigned users the authority to arm partitions the users are assigned.

0	No
1(Default)	Yes

```

ACCESS LEVEL 001
ARM AUTHORITY
valid 0-1
→1
    
```

2.10.3 Disarm Authority

Determines whether or not this Access Level grants its assigned users the authority to disarm partitions that the users are assigned.

0	No
1(Default)	Yes

```

ACCESS LEVEL 001
DISARM AUTHORITY
valid 0-1
→1
    
```

2.10.4 Arm/Disarm Shift

Determines the time that users assigned to this Access Level have the authority to arm and disarm partitions that the user is assigned.

```

ACCESS LEVEL 001
ARM/DISARM SHIFT
valid 1-127
→1
    
```

2.10.5 Door Access Shift

Conditional option: Door Usage must not = 0

This set of menus defines which access control doors this Access Level grants rights to. For each door, enter an appropriate shift number representing the times which users may access the door.

Because access controlled doors can be tied to different modules, you must first identify which module contains the door you want to configure. A list is presented with active modules, use the navigation buttons to scroll up or down through the list to find the module you need. Once the cursor is next to the module you want, press **ENTER**.

```

DOOR ACCESS SHIFT
select module
▶I-B
ACC4 01
    
```

2.10.6 Add Door

Enter the door number of the module you want to add to this Access Level. Press **ENTER**, then **DOWN** navigation button to assign a shift or press the **RIGHT** navigation button to remove the door.

```

DOOR ACCESS SHIFT
ADD DOOR
valid 1-2
→0
    
```

2.10.7 Shift

Enter the Shift number to grant the appropriate access time to this door for this access level. Shift 0 denotes No Access.

```

I-B    , DOOR  01
SHIFT
valid 1-128
→0

```

2.10.8 Remove Door

Reached only by pressing the **RIGHT** navigation button while in the Add Door screen. Pressing **ENTER** while on this screen removes the door from this level. By pressing the **LEFT / CLR** navigation button, you can return to the Add Door screen.

```

I-B    , DOOR  01
REMOVE DOOR
ENTER to confirm
1

```

2.11 Auxiliary Output Settings

System Menus ► Programming Mode ► Auxiliary Output

2.11.1 Select Module

Begin by selecting a module for the Aux Output you want to configure.

```

AUXILIARY OUTPUT
select module
►I-B
I/O 01

```

Notes

I-B identifies the iBase panel.
 F-B identifies the FlexiBase panel.
 FIP identifies the FlexIP panel.
 AUD8 identifies the Audio-8 module.
 I/O identifies the I/O Expansion module.

2.11.2 Output

Enter the number of the Aux Output to configure and press **ENTER**, then the **DOWN** navigation button to advance to the next screen.

```

I-B    , OUTPUT 01
AUXILIARY OUTPUT
valid 1-8
→1

```

2.11.3 Partition Assignment

An entry of **0** assigns the output to partition **A**, **1 = B**, and so on. An entry of **16** = All partitions.

0(Default)	Partition A
1 - 15	Partitions B - P
16	All Partitions

```

I-B    , OUTPUT 01
PART. ASSIGNMENT
valid 0-16
→1

```

Note

Only partitions A=0-H=7 are available on FlexiBase and FlexIP panels.

2.11.4 Output Type

0(Default)	Inactive
1	Standard The next screens displayed presents specific trigger options for making this output active.
2	Advanced Controls Reserves this output for use with an access control door. Normally for elevator control.

```
I-B      ,OUTPUT 01
OUTPUT TYPE
valid 0-2
→1
```

 **Note**

Advanced Outputs replaced the former RMOD capabilities found in the Sonitrol Adv *plus* series.

2.11.5 Standard Output

Conditional option: Output Type must = 1

0	Enable Relay (Operator Command) Output is active upon receipt of the Central Station command, Enable Relay .
1	Independent Bell Output goes active when the panel's bell circuit is active.
3	Active on Entry/Exit Delay Output is active only during the entry and exit delay timer.
4	Active on Occupied Arming Output is active the entire time the partition(s) the output is assigned to is/are in an Occupied state.
5	Active if Partition(s) Armed Output is active the entire time the partition(s) the output is assigned to is/are armed.
6	Alarm Memory (Latched) Output stays active between the time an alarm occurs and the time the partition is disarmed or the panel is restarted.
10	Active When Disarmed Output stays active while the partition(s) the output is assigned to is/are in a disarmed state.
11	Active During Shift Output stays active throughout the enter assigned shift.
13	Active on Optioned Alarm Input Output is active when linked alarm input is in violation.
17	Unused
18	Active on Optioned Audio Detector Output is active when linked audio detector is in violation.
19	Communications Down Output stays active as long as no communication with the Central Station is possible.

```
I-B      ,OUTPUT 01
STNDRD OUTPUT:0,1,
3-6,10,11,13,17-19
→13
```

2.11.6 Shift

Conditional option: Standard Output must = 11

Select the Shift that the Aux will be activate during.

0	Aux will not activate
1 (Default)	Aux will be active during the schedule defined by Shift 1
2-128	Aux will be active during the schedule defined by the selected Shift


```

I-B      ,OUTPUT 01
SHIFT
valid 0-128
                                →1█
  
```

2.11.7 Input Trigger: Select Module

Conditional option: Standard Output must = 13

Specify the alarm input that you want to trigger this output. First select the module, then the input number.

```

ALARM INPUT TRIGGER
select module
▶I-B
I/O 01
  
```

Notes

- An Alarm Point must be programmed before this window is accessible.
 - I-B identifies the iBase panel.
 - F-B identifies the FlexiBase panel.
 - FIP identifies the FlexIP panel.
 - AUD8 identifies the Audio-8 module.
 - I/O identifies the I/O Expansion module.

2.11.8 Add Input

Conditional option: Standard Output must = 13

Once the module has been selected, enter the input number that will cause this output to go active. Press **ENTER**, then **DOWN** navigation button to advance to the next option.

```

I-B      ,INPUT 01
ADD ALARM POINT
valid 1-8
                                →1█
  
```

Note

On a FlexiBase & FlexIP values 1-16 are valid.

2.11.9 Remove Input

Conditional option: Standard Output must = 13

This screen can only be reached by pressing the **RIGHT** navigation button while in the Add Input screen. To go back, press the **LEFT / CLR** navigation button. To remove the input, press **ENTER**.

```

I-B      ,INPUT 01
REMOVE ALARM POINT
ENTER to confirm
                                1█
  
```

2.11.10 Audio Sensor Trigger: Select Module

Conditional option: Standard Output must = 18

For option 18, use this control to link audio sensors that you want to trigger this output. First select the module, then the sensor number.

```
AUD SENSOR TRIGGER
select module
▶I-B
AUD8 01
```

 **Notes**

An Audio Sensor must be programmed before this window is accessible.
 On a FlexiBase & FlexIP values 1-16 are valid.
 I-B identifies the iBase panel.
 F-B identifies the FlexiBase panel.
 FIP identifies the FlexIP panel.
 AUD8 identifies the Audio-8 module.

2.11.11 Add Audio Sensor

Conditional option: Standard Output must = 18

Once the module has been selected, enter the sensor number that will cause this output to go active. Press **ENTER** then the **DOWN** navigation button to advance to the next option.

```
I-B      ,AUDSEN 01
ADD AUDIO SENSOR
valid 1-4
→1
```

 **Note**

On a FlexiBase & FlexIP values 1-16 are valid.

2.11.12 Remove Audio Sensor

Conditional option: Standard Output must = 18

This screen can only be reached by pressing the **RIGHT** navigation button while in the Add Audio Sensor screen. To go back, press the **LEFT / CLR** navigation button. To remove the sensor, press **ENTER**.

```
I-B      ,AUDSEN 01
REMOVE AUDIO SENSR
ENTER to confirm
1
```

2.11.13 Add User Group

Conditional option: Output Type must = 2

Enter the User Group number(s) which should trigger this aux upon a valid card read from User(s) who are in the same User Group. Enter the number of the group(s) and press **ENTER**.

```
I-B      ,OUTPUT 01
ADD USER GROUP
valid 1-256
→0
```

2.11.14 Remove User Group

Conditional option: Output Type must = 2

This screen can only be reached by pressing the **RIGHT** navigation button while in the Add User Group screen. To go back to the add user group screen, press the **LEFT / CLR** navigation button. To remove a user group, press **ENTER**.

```
I-B      ,OUTPUT 01
REM USER GROUP 001
ENTER to confirm
1
```

2.11.15 Toggles Relay

Conditional option: Output Type must = 2

Determines whether or not this output should go active for the output timer period, or latch until toggled again.

0(Default)	Toggle Disabled Only stay active until output timer period expires
1	Toggle Enabled Latch until toggled again

```
I-B      ,OUTPUT 01
TOGGLES RELAY
valid 0-1
→0
```

2.11.16 Shift

Conditional option: Output Type must = 2

The shift number entered here defines the time period(s) this output is active, outside of those triggered activations from valid card reads from Users who are in a User Group that is associated to the Aux.

0	No Aux schedule
1 (Default)	Aux will be active during the schedule defined by Shift 1
2-128	Aux will be active during the schedule defined by the selected Shift

```
I-B      ,OUTPUT 01
SHIFT
valid 0-128
→1
```

2.11.17 Door Assignment: Select Module

Conditional option: Output Type must = 2

Advanced Control Outputs can only be triggered by valid card reads on specified access control doors by users assigned to the appropriate user groups. Use these screens to add access control doors that should provide a trigger for this output. From the initial screen select a module from the list provided.

```
DOOR ASSIGNMENT
select module
▶I-B
ACC4 01
```

 **Note**

FlexiBase & FlexiP do not have on board access doors. Up to four Access-4 Modules may be added to these panels where access control is needed.

ACC4 identifies the Access-4 module.

2.11.18 Add Door

Conditional option: Output Type must = 2

Once the module has been selected, enter the door number you want to add to this output. Press **ENTER**, then the **DOWN**


```
I-B 01
DOOR
valid 0-2
→0
```

 **Note**

For FlexiBase and FlexIP panels, the door options will display only when there is at least one Access-4 module with active doors present. Doors will display under the ACC4 module.

2.11.19 Remove Door

Conditional option: Output Type must = 2

This screen can only be reached by pressing the **RIGHT** navigation button while in the Add Door screen. To go back, press the **LEFT / CLR** navigation button, or to remove the door, press **ENTER**.

```
I-B 01
REMOVE DOOR
ENTER to confirm
```

2.11.20 Seconds Active

Conditional option: Output Type must = 2

Defines the number of seconds which the Aux will remain active for upon being triggered from a valid card read.

```
I-B 01
SECONDS ACTIVE
valid 0-255
→0
```

2.12 User Settings

System Menus ► Programming Mode ► User

2.12.1 User Code

Enter a 1-8 digit code for this user. This code must be unique for the facility (check with the Central Station to verify) and must not be the same as any duress codes that might be programmed.

```
USER 1
USER CODE(1-8dig)
→1
```

2.12.2 System User Level

Select the value which defines the Users permissions for the User Code that is being edited.

0(Default)	Invalid All access is denied
1	No Arm/Disarm The code is active and user has access functionality via card reads on access doors, but the user does not have authority to Arm/Disarm any partition.
2	Arm/Disarm Only This user has the authority to reach the Arm and Disarm menus on the Keypad and see open violation if they exist.
3	Master User Has the authority to reach the Master User menu level in the Keypad, see open violations, bypass violations, delete users, and toggle aux outputs.
4	Technician Has the ability to enter the programming menus and test menus on the Keypad. Reserved for use by Sonitrol employees.

```

USER          1
SYSTEM USER LEVEL
valid 0-4
→0
    
```

2.12.3 Card Number

An access card / fob number for use with the access control doors (if any) on the system. The length of the number varies with the format type of the reader.

```

USER          1
CARD NUMBER
→0
    
```

2.12.4 Site Code

A unique site code encoded within the card / fob for use with access control doors (if any) on the system. The site code and card number combine to make a user and site specific access code for gaining entry to controlled doors. A site code value of 0 is ignored and only the card number is read.

```

USER          1
SITE CODE
valid 0-65535
→0
    
```

2.12.5 Partition Assignment

Assigns the user to specific or all partitions on the system. Enter a bit mask in the form of 1s (yes) and 0s (no) to determine which partitions the user has access to. Enter the values corresponding with the mask **ABCDEFGHIJKLMN** starting with A.

Example

Assign a user to partitions A, B and C, by entering: **1110000000000000**.

```

USER          1
PART. ASSIGNMENT
ABCDEFGHIJKLMN
→0000000000000000
    
```

 **Note**

Only partitions A=0-H=7 are available on FlexiBase and FlexiP panels.

2.12.6 Anti-Passback Exempt

Determines whether this user is exempt from the anti-passback operations and rules on all access control doors.

0(Default)	No
1	Yes

```

USER          1
ANTI PASSBCK EXMPT
valid 0-1
                                →0
    
```

2.12.7 Active

Determines whether this user is an active user (1) or inactive user (0). This value might be set to 0 if the user's code needs to remain for future use.

0(Default)	No No property of this User will work.
1	Yes User will operate as defined

```

USER          1
ACTIVE
valid 0-1
                                →0
    
```

2.12.8 User Group

Enter the number of the User Group this user is assigned to. User Groups are only used to trigger advanced Aux outputs.

```

USER          1
USER GROUP
valid 1-256
                                →1
    
```

2.12.9 Access Level

Enter the number of the access level this user is assigned to.

0	No Access User has no rights
1(Default)	Access Level 1 Will operate within rights defined in Access Level 1.
2-256	Access Level Will operate within rights defined in the selected Access Level

```

USER          1
ACCESS LEVEL
valid 0-256
                                →1
    
```

2.12.10 Temporary Access Range Start

Use this screen to define the date and time this user can have access to the system. Enter the data using a mask: **mm/dd/yy HH:mm**. Time is entered using the 24 Hr. clock format. Access will begin at the time and date specified. If default setting left, access range is ignored.

```
TEMP ACCESS RANGE
START
mm/dd/yy HH:mm
→00/00/00/ 00:00
```

2.12.11 Temporary Access Range End

Use this screen to define the date and time this user's access ends. Enter the data using a mask: **mm/dd/yy HH:mm**. Time is entered using the 24 Hr. clock format. Access will end after the time and date specified.

```
TEMP ACCESS RANGE
END
mm/dd/yy HH:mm
→00/00/00/ 00:00
```

2.12.12 Language

Determines the language of the system menus displayed after the user is authenticated.

0(Default)	English
1	Spanish

```
USER          1
LANGUAGE
valid 0-1
→0
```

2.12.13 Guard Tour Active

Determines whether or not this user participates in guard tours

0(Default)	No
1	Yes

```
USER          1
GUARD TOUR ACTIVE
valid 0-1
→0
```

2.13 Special Date Range Settings

System Menus ► Programming Mode ► Special Date Range

The Special Date Range (SDR) is used as a Holiday, except that instead of being a calendar day, it is a time and date range.

2.13.1 Add Special Date Range

Select from 1-32 different Special Date Ranges. Enter the SDR number you want to configure and press **ENTER**.

```
SP. DATE RANGE 01
ADD SDR
valid 1-32
→1
```

2.13.2 Remove Special Date Range

This screen can only be reached by pressing the **RIGHT** navigation button from within the Add SDR screen. To go back, press the **LEFT / CLR** navigation button or press **ENTER** to remove the SDR.

```
SP. DATE RANGE 01  
REMOVE SDR  
ENTER to confirm
```

1

2.13.3 Start

Enter the start date and time of this SDR in the form: **mm/dd/yy HH:mm**. At this date and time this special date range will take effect.

```
SP. DATE RANGE 01  
START  
mm/dd/yy HH:mm
```

→00/00/00/ 00:00

2.13.4 End

Enter the end date and time of this SDR in the form: **mm/dd/yy HH:mm**. At this date and time the SDR will no longer be in effect.

```
SP. DATE RANGE 01  
END  
mm/dd/yy HH:mm
```

→00/00/00/ 00:00

2.14 Restore Defaults Settings

System Menus ► Programming Mode ► Restore Defaults

2.14.1 Restore Defaults

This option will return all panel settings to the default (factory) values. Any connected peripheral modules will also be restored to default as well.

0	No
1	Yes

```
*THIS RESETS ALL*  
PROGRAMMED OPTIONS  
0=no 1=yes
```

→

3. Menu Checklist

3.1 Comms Info

System Menus ► Programming Mode ► Comms Info

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓		
1	PANEL ACCOUNT NUM	6-dig number	valid 1-999999	Key in value			
2	PANEL GROUP ID	4-dig number	valid 1-9999	Key in value			
3	COUNTRY PROFILE		valid 0-1	Key in value 0=NA, 1=UK			
4	COMM. SEQUENCE		valid 1-4	Key in value			
Conditional	COMM SEQUENCE does not = 1	NNC: 8-dig hex#	1,2,3,4,5,6+SEL=	A,B,C,D,E,F	Key in value		
		RX: IP 1	###.###.###.###		Key in IP address		
		RX: PORT 1		valid 1 - 65535	Key in value		
		SonIP: IP 1	###.###.###.###		Key in IP address		
		RX: IP 2	###.###.###.###		Key in IP address		
		RX: PORT 2		valid 1 - 65535	Key in value		
		SonIP: IP 1	###.###.###.###		Key in IP address		
		Does not exist on FlexiBase, or FlexIP if COMM. SEQUENCE = 7					
		DHCP ENABLED			valid 0-1	Key in value 0=No, 1=Yes	
		PANEL IP	###.###.###.###			Key in IP address	
		PANEL SUBNET MASK	###.###.###.###			Key in Subnet Mask address	
		PANEL GATEWAY ADDR	###.###.###.###			Key in Gateway address	
		PANEL COMMS PORT			valid 1-65535	Key in value	
		IP CONNECT DETECT			valid 0-1	Key in value 0=No, 1=Yes	
		IP POLL FREQUENCY	0-1275 seconds,		in 5 sec intervals	Key in seconds	
		ACK WAIT TIMER	15-255 seconds			Key in seconds	
IP PER. TEST TIMER	00:00-24:00			Key in time			

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
Conditional	COMM SEQUENCE does not = 2, 5, or 7	DIAL PREFIX 1	0 + '>'=*,#,D,' \'	10 chars max	Key in dial prefix	
		C/S DIAL PRIMARY	0 + '>'=*,#,D,' \'	#####	Key in C/S primary phone # for alarm reporting	
		C/S DIAL SECONDARY	0 + '>'=*,#,D,' \'	#####	Key in C/S secondary phone # for alarm reporting	
		SPECIAL UP/DNLD #		#####	Key in C/S Up/Dnld phone #	
		DIAL TYPE		valid 0-1	Key in value 0=DTMF, 1=Pulse	
		PH LINE MONITOR		valid 0-1	Key in value 0=No, 1=Yes	
		SEC ON HK-TO DIAL		valid 0-127	Key in seconds	
		SEC WAIT-DIAL TONE		valid 0-127	Key in seconds	
		RESPONSE TIME		valid 0-127	Key in seconds	
		RINGS BEFORE ANSWR		VALID 0-15	Key in # of rings	
		ANSWERING MACHINE		VALID 0-1	Key in value 0=No, 1=Yes	
		PH DISABLED WHN ARM		VALID 0-1	Key in value 0=No, 1=Yes	
5		CONTACT CHECK	00:00 - 99:59		Key in interval	
6		GLOBAL BELL/BEEP		valid 0-3	Key in value	
7		BELL/ BEEP TIMER	10 sec intervals	valid 10-2400	Key in seconds	
8		SIA CP01		valid 0-1	Key in value 0=Disabled, 1=Enabled	
9		NORMAL SENSITIVITY		valid 0-15	Key in value	
10		BASE SENSITIVITY		valid 0-15	Key in value	
11		SENS. TIMEOUT		valid 0-75	Key in seconds	

3.2 Partition

System Menus ► Programming Mode ► Partition

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
1	iBase	PARTITION 00	A=0...15=P	valid 0-15	Key in value	
	FlexiBase & FlexIP	PARTITION 00	A=0...7=H	valid 0-7	Key in value	
2		PARTITION 00	ARM/DISARM TYPE	valid 0-3	Key in value	
3	SIA CP-01 =0	PARTITION 00	ENTRY DELAY	valid 0-150	Key in seconds	
	SIA CP-01 =1	PARTITION 00	ENTRY DELAY	valid 30-240	Key in seconds	
4	SIA CP-01 =0	PARTITION 00	EXIT DELAY	valid 0-150	Key in seconds	
	SIA CP-01 =1	PARTITION 00	EXIT DELAY	valid 45-150	Key in seconds	
Conditional	SIA CP-01 =1	PARTITION 00	ABORT WINDOW	valid 15-45	Key in seconds	
5		PARTITION 00	ARM ON SHIFT	valid 0-128	Key in value	
6		PARTITION 00	OCCUPY ON SHIFT	valid 0-128	Key in value	
7		PARTITION 00	DISARM ON SHIFT	valid 0-128	Key in value	
8		PARTITION 00	DUR CODE	4 digits	Key in duress code	
9		PARTITION 00	ENABLE 911	valid 0-1	key in value 0=No, 1=Yes	
10		PARTITION 00	ENABLE QUICK ARM	valid 0-1	key in value 0=No, 1=Yes	
11		PARTITION 00	REP ARMING FRM OCC	valid 0-1	key in value 0=No, 1=Yes	
12		PARTITION 00	KEYPAD BKLT NORMAL	valid 1-10	key in value	
13		PARTITION 00	KEYPAD BKLT MAX	valid 1-10	key in value	
14		PARTITION 00	BELL:AbrtAudAlrm	valid 0-1	key in value 0=No, 1=Yes	

3.3 Keypad

System Menus ► Programming Mode ► Keypad

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	KEYPAD 01		valid 1-16	Key in value	
2	iBase	KEYPAD 01	PART. ASSIGNMENT	valid 0-15	Key in value
	FlexiBase & FlexIP	KEYPAD 01	PART. ASSIGNMENT	valid 0-7	Key in value

3.4 Alarm Input

System Menus ► Programming Mode ► Alarm Input

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	ALARM INPUT	select module	►I-B (or '►F-B' or '►AUD8##' or '►I/O##' or ►ECHO)	<Next connected module with Alarm Input>	
Note		Line 1 represents the currently selected Module and Alarm Input Number in all Menu Sequence numbers that contains an Input number in Line 1.			
2	I-B , INPUT 01	ALARM INPUT	valid 1-8	Key in value	
Note		Line 3 represents the available range of Alarm Inputs that exist on the selected module. iBase and Audio-8 Modules support 8, FlexiBase, FlexIP, and I/O Expansion Module support 16, and Echostream supports 64 (wireless).			
Conditional	Selected Module = ECHO	ECHO , INPUT 01	DEVICE TYPE	valid 0-1	Key in value 0 = Wireless Repeater 1 = Wireless Transmitter
		ECHO , INPUT 01	UNIQUE ID	valid 0-16777215	Key in value <8 digits found on device>
3	iBase	I-B , INPUT 01	PART. ASSIGNMENT	valid 0-15	Key in value
	FlexiBase & FlexIP	F-B , INPUT 01	PART. ASSIGNMENT	valid 0-7	Key in value
4	I-B , INPUT 01	ALARM TYPE:0,1,5,7	11,12,15-20	Key in value	
Conditional	ALARM TYPE = 7	EMERGENCY AUDIO	select module	►I-B (or '►F-B' or '►AUD8 ##')	<Next connected module with programmed Audio Sensor>
		EMERGENCY AUDIO	I-B , AUDSEN 00	valid 1-4	Key in value
		EMERGENCY AUDIO	REMOVE SENSOR	ENTER to confirm	

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
	Note	Emergency Audio menu sequences are only available once an Audio Sensor has been programmed. Module and Audio Sensor selections will vary depending on connected modules.				
Conditional	ALARM TYPE = 17	I-B , INPUT 01	SPECIAL TYPE	valid 0-4,11,12	Key in value	
5		I-B , INPUT 01	I-B , INPUT 01	valid 0-2	Key in value	
6		I-B , INPUT 01	DELAY FUNCTION	valid 0-2	Key in value	
7		I-B , INPUT 01	AUDIO FUNCTION	valid 0-2	Key in value	
8		I-B , INPUT 01	ALARM CIRCUIT COND	valid 0-2	Key in value	
9		I-B , INPUT 01	SUPERVISE FUNCTION	valid 0-1	Key in value 0=Disabled, 1=Enabled	
10		I-B , INPUT 01	TEST GBD AT ARMING	valid 0-1	Key in value 0=No, 1=Yes	
11		I-B , INPUT 01	RESTORE FUNCTION	valid 0-1	Key in value 0=Disabled, 1=Enabled	
12		I-B , INPUT 01	ABORT REDIAL	valid 0-1	Key in value 0=No, 1=Yes	
13		I-B , INPUT 01	CHIME MODE	valid 0-1	Key in value 0=Disabled, 1=Enabled	
14		I-B , INPUT 01	BEL/BEEP:OffIfAlrm	valid 0-1	Key in value 0=No, 1=Yes	
Conditional	BEL/BEEP:OffIfAlrm = 0	I-B , INPUT 01	BELL ABORTED ALARM	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , INPUT 01	BELL:AlrmPartArmed	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , INPUT 01	BELL:AlrmPartDisOc	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , INPUT 01	BEEP:AbrtPartDisOc	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , INPUT 01	BEEP:AlrmPartDisOc	valid 0-1	Key in value 0=No, 1=Yes	

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
Conditional	SIA CP-01 =1	I-B , INPUT 01	CROSS ZONE #	valid 0-3	Key in value	

3.5 Audio Sensor

System Menus ► Programming Mode ► Audio Sensor

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
1		AUDIO SENSOR	select module	►I-B (or '►F-B' or '►AUD8 ##')	<Next connected module with Audio Sensor>	
Note		Line 1 represents the currently selected Module and Audio Sensor Number in all Menu Sequence numbers that contains an "AUDSEN" number in Line 1.				
2		I-B ,AUDSEN 01	AUDIO SENSOR	valid 1-4	Key in value	
Note		Line 3 represents the available range of Audio Sensors that exist on the selected module. iBase supports 4, Audio-8 Modules support 8, FlexiBase and FlexiP support 16.				
3	iBase	I-B ,AUDSEN 01	PART. ASSIGNMENT	valid 0-15	Key in value	
	FlexiBase & FlexiP	F-B ,AUDSEN 01	PART. ASSIGNMENT	valid 0-7	Key in value	
4		I-B ,AUDSEN 01	SENSOR TYPE	valid 2,7,8	Key in value	
5		I-B ,AUDSEN 01	PWR SECURITY LEVEL	valid 0-2	Key in value	
6		I-B ,AUDSEN 01	SELF TEST	valid 0-1	Key in value 0=Disabled, 1=Enabled	
7		I-B ,AUDSEN 01	EMERGENCY AUDIO	valid 0-1	Key in value 0=Disabled, 1=Enabled	
8		I-B ,AUDSEN 01	SENSITIVITY	valid 0-15	Key in value	
7		I-B ,AUDSEN 01	INHIBIT W/SP. INPUT	valid 0-1	Key in value 0=Disabled, 1=Enabled	

3.6 Period

System Menus ► Programming Mode ► Period

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
1		PERIOD 001		valid 0-128	Key in value	

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
	Note Line 1 represents the currently selected Period Number.				
2	PERIOD 001	START TIME	00:00 - 23:59	Key in time	
3	PERIOD 001	END TIME	00:00 - 23:59	Key in time	
4	PERIOD 001	PWR SECURITY LEVEL	valid 0-2	Key in value	
5	PERIOD 001	DAY OF WEEK	SMTWTFSR	Key in days of week 0=Disabled, 1=Enabled	
6	PERIOD 001	RESERVE GUARD TOUR	valid 0-1	Key in value 0=No, 1=Yes	

3.7 Shift

System Menus ► Programming Mode ► Shift

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	SHIFT 001		valid 0-128	Key in value	
	Note Line 1 represents the currently selected Shift Number.				
2	SHIFT 001	GUARD TOUR SHIFT	valid 0-1	Key in time 0=No, 1=Yes	
3	SHIFT 001	ADD PERIOD	valid 0-128	Key in value	
	Note Menu 3 will repeat until you have set all of your periods for that shift. Using the RIGHT navigation button will take you to menu screen 4.				
4	SHIFT 001	REMOVE PERIOD 001	valid 0-2	Key in value	

3.8 Access Door

System Menus ► Programming Mode ► Access Door

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	ACCESS DOOR	select module	►I-B (or 'ACC4 ##')	<Next connected module with Access Doors>	
	Note Line 1 represents the currently selected Module and Access Door Number in all Menu Sequence numbers that contains a Door number in Line 1.				
2	I-B , DOOR 01	DOOR	valid 1-2	Key in value	
	Note Line 3 represents the available range of Access Doors that exist on the selected module or iBase. iBase supports 2, and Access-4 Modules support 4.				

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
3	I-B , DOOR 01	DOOR USAGE	valid 0-2	Key in value	
4	iBase	I-B , DOOR 01	PART. ASSIGNMENT	valid 0-15	Key in value
	FlexiBase & FlexIP	ACC4 01 , DOOR 01	PART. ASSIGNMENT	valid 0-7	Key in value
5	I-B , DOOR 01	ENERGIZE TO LOCK	valid 0-1	Key in time 0=No, 1=Yes	
6	I-B , DOOR 01	UNLOCK IF DISARMED	valid 0-1	Key in time 0=No, 1=Yes	
7	I-B , DOOR 01	UNLCK DURING SHIFT	valid 0-128	Key in value	
8	I-B , DOOR 01	ENTRY UNLOCK TIMER	valid 0-127	Key in seconds	
9	I-B , DOOR 01	EntryWaitUnlkTimer	valid 0-128	Key in seconds	
10	I-B , DOOR 01	ENTRY READER	valid 0-1	Key in value 0=No, 1=Yes	
Conditional	ENTRY READER = 1	ENTRY READER	READER FORMAT	valid 0-2,80	Key in value
		ENTRY READER	REVERSE DATA	valid 0-1	Key in value 0=No, 1=Yes
Conditional	ENTRY READER FORMAT = 2	ENTRY READER	CUSTOM FORMAT	valid 0-1	Key in value 0=Wiegand, 1=Track-2
		ENTRY READER	CARD ID-BITS	valid 1-32	Key in value
		ENTRY READER	CARD ID-START	valid 1-128	Key in value
		ENTRY READER	SITE CODE-BITS	valid 0-16	Key in value
		ENTRY READER	SITE CODE-START	valid 0-128	Key in value
11	I-B , DOOR 01	EXIT READER	valid 0-1	Key in value 0=No, 1=Yes	
Conditional	EXIT READER = 1	EXIT READER	READER FORMAT	valid 0-2,80	Key in value
		EXIT READER	REVERSE DATA	valid 0-1	Key in value 0=No, 1=Yes
Conditional	EXIT READER FORMAT = 2	EXIT READER	CUSTOM FORMAT	valid 0-1	Key in value 0=Wiegand, 1=Track-2
		EXIT READER	CARD ID-BITS	valid 1-32	Key in value

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
		EXIT READER	CARD ID-START	valid 1-128	Key in value	
		EXIT READER	SITE CODE-BITS	valid 0-16	Key in value	
		EXIT READER	SITE CODE-START	valid 0-128	Key in value	
12		I-B , DOOR 01	READER LED:2-COLOR	valid 0-1	Key in value 0=No, 1=Yes	
13		I-B , DOOR 01	ARMING INTEGRATION	valid 0-2	Key in value	
14	iBase	I-B , DOOR 01	KEYPAD ASSIGNMENT	valid 0-16	Key in value	
	FlexiBase & FlexIP	ACC4 01 , DOOR 01	KEYPAD ASSIGNMENT	valid 0-8	Key in value	
15		I-B , DOOR 01	CARD READ AND CODE	valid 0-1	Key in value 0=Disabled, 1=Enabled	
16		I-B , DOOR 01	EXIT SWITCH	valid 0-1	Key in value 0=Disabled, 1=Enabled	
17		I-B , DOOR 01	EXIT CIRCUIT COND	valid 0-1	Key in value 0=Open, 1=Short	
18		I-B , DOOR 01	FREE EXIT UNLOCK	valid 0-1	Key in value 0=Disabled, 1=Enabled	
19		I-B , DOOR 01	LOG FREE EXIT	valid 0-1	Key in value 0=Disabled, 1=Enabled	
20		I-B , DOOR 01	EXIT:WaitToUnlock	valid 0-15	Key in seconds	
21		I-B , DOOR 01	EXIT UNLOCK TIMER	valid 0-127	Key in seconds	
22		I-B , DOOR 01	CHIME MODE	valid 0-1	Key in value 0=Disabled, 1=Enabled	
23		I-B , DOOR 01	SWITCH INSTALLED	valid 0-1	Key in value 0=No, 1=Yes	
24		I-B , DOOR 01	SECURITY LEVEL	valid 0-3	Key in value	
25		I-B , DOOR 01	MONITOR PROP	valid 0-1	Key in value 0=No, 1=Yes	
Conditional	MONITOR PROP = 1	I-B , DOOR 01	PROP TIMER	valid 0-510	Key in seconds	
		I-B , DOOR 01	PROP AUDIO FUNC.	valid 0-2	Key in value	

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
26		I-B , DOOR 01	MONITOR FORCE	valid 0-1	Key in value 0=No, 1=Yes	
Conditional	MONITOR FORCE = 1	I-B , DOOR 01	FORCE RESET TIMER	valid 0-10	Key in seconds	
		I-B , DOOR 01	FORCE AUDIO FUNC.	valid 0-2	Key in value	
27		I-B , DOOR 01	SWITCH ALARM STATE	valid 0-1	Key in value 0=Open, 1=Short	
28		I-B , DOOR 01	SWTCH SUPERVISED	valid 0-1	Key in value 0=No, 1=Yes	
29		I-B , DOOR 01	BEL ON ALRM: ARMED	valid 0-1	Key in value 0=No, 1=Yes	
30		I-B , DOOR 01	BEL ON ALRM:OC/DIS	valid 0-1	Key in value 0=No, 1=Yes	
31		I-B , DOOR 01	BELL ABORTED ALARM	valid 0-1	Key in value 0=No, 1=Yes	
32		I-B , DOOR 01	BEEP KPDs ON ALARM	valid 0-1	Key in value 0=No, 1=Yes	
33		I-B , DOOR 01	BEEP KPDs:AbrtAlrm	valid 0-1	Key in value 0=No, 1=Yes	
34		I-B , DOOR 01	TRIGGER AUX OUT 1	valid 0-1	Key in value 0=Disabled, 1=Enabled	
Conditional	TRIGGER AUX OUT 1 = 1	I-B , DOOR 01	AUX1-VALID CRD RD	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX1-INVLD CRD RD	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX1-DOOR_OPENS	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX1-DOOR_PROP	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX1-DOOR_FORCE	valid 0-1	Key in value	

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓
					0=No, 1=Yes	
		I-B , DOOR 01	AUX1-EXIT SWITCH	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX1-ACTIVE TIMER	valid 0-127	Key in seconds	
35		I-B , DOOR 01	TRIGGER AUX OUT 2	valid 0-1	Key in value 0=Disabled, 1=Enabled	
Conditional	TRIGGER AUX OUT 2 = 1	I-B , DOOR 01	AUX2-VALID CRD RD	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-INVLD CRD RD	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-DOOR_OPENS	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-DOOR_PROP	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-DOOR_FORCE	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-EXIT SWITCH	valid 0-1	Key in value 0=No, 1=Yes	
		I-B , DOOR 01	AUX2-ACTIVE TIMER	valid 0-127	Key in seconds	
36		I-B , DOOR 01	ANTI-PASSBACK TYPE	valid 0-4	Key in value	
Conditional	ANTI-PASSBACK TYPE = 4	I-B , DOOR 01	MANTRAP 2nd DOOR	valid 1-2	Key in value	
37		I-B , DOOR 01	GUARD TOUR SHIFT	valid 0-128	Key in value	

3.9 Access Level

System Menus ► Programming Mode ► Access Level

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	ACCESS LEVEL 001		valid 1-256	Key in value	
	Note	Line 1 represents the currently selected Access Level Number.			

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓	
2	ACCESS LEVEL 001	ARM AUTHORITY	valid 0-1	Key in time 0=No, 1=Yes		
3	ACCESS LEVEL 001	DISARM AUTHORITY	valid 0-1	Key in time 0=No, 1=Yes		
4	ACCESS LEVEL 001	ARM/DISARM SHIFT	valid 1-127	Key in value		
Conditional	DOOR USAGE does not = 0	DOOR ACCESS SHIFT	select module	►I-B (or 'ACC4 ##')	<Next connected module with Access Doors>	
		DOOR ACCESS SHIFT	ADD DOOR	valid 1-2	Key in value	
		Note	To remove a previously configured door, press the RIGHT navigation button while att the ADD DOOR menu sequence.			
		I-B , DOOR 01	SHIFT	valid 1-128	Key in value	
		I-B , DOOR 01	REMOVE DOOR	ENTER to confirm		
		Note	To program additional doors, press the DOWN navigation button to return to select module menu sequence. To exit, press the BACK or UP navigation buttons.			

3.10 Auxiliary Output

System Menus ► Programming Mode ► Auxiliary Output

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	AUXILIARY OUTPUT	select module	►I-B (or '►F-B' or '►AUD8 ##' or '►I/O ##')	<Next connected module with Auxiliary Output>	
Note	Line 1 represents the currently selected Module and Auxiliary Output Number in all Menu Sequence numbers that contains an Output number in Line 1.				
2	I-B , OUTPUT 01	AUXILIARY OUTPUT	valid 1-8	Key in value	
Note	Line 3 represents the available range of Auxiliary Outputs that exist on the selected module or panel. FlexiBase and FlexIP support 4, iBase and Audio-8 Modules support 8, and I/O Expansion Modules support 16.				
3	iBase	I-B , OUTPUT 01	PART. ASSIGNMENT	valid 0-16	Key in value
	FlexiBase & FlexIP	I-B , OUTPUT 01	PART. ASSIGNMENT	valid 0-7 ,16	Key in value
4	I-B , OUTPUT 01	OUTPUT TYPE	valid 0-2	Key in value	

Menu Sequence #		Line 1	Line 2	Line 3	Line 4	✓	
Conditional	OUTPUT TYPE = 1	I-B ,OUTPUT 01	STNDRD OUTPUT:0,1,	3-6,10,11,13,17-19	Key in value		
Conditional	STANDARD OUTPUT = 11	I-B ,OUTPUT 01	SHIFT	valid 0-128	Key in value		
Conditional	STANDARD OUTPUT = 13	ALARM INPUT TRIGGER	select module	►I-B (or '►F-B' or '►AUD8 ##' or '►I/O ##')	<Next connected module with Alarm Input>		
		I-B ,INPUT 01	ADD ALARM POINT	valid 1-8	Key in value		
		Note	To remove a previously configured Alarm Input, press the RIGHT navigation button while att the ADD ALARM POINT menu sequence.				
		I-B ,INPUT 01	REMOVE ALARM POINT	ENTER to confirm			
		Note	To program additional Alarm Points press the DOWN navigation button to return to select module menu sequence. To exit, press the BACK or UP navigation buttons.				
Conditional	STANDARD OUTPUT = 18	AUD SENSOR TRIGGER	select module	►I-B (or '►F-B' or '►AUD8 ##')	<Next connected module with Audio Sensor>		
		I-B ,AUDSEN 01	ADD AUDIO SENSOR	valid 1-4	Key in value		
		Note	To remove a previously configured Audio Sensor, press the RIGHT navigation button while att the ADD AUDIO SENSOR menu sequence.				
		I-B ,AUDSEN 01	REMOVE AUDIO SENSR	ENTER to confirm			
		Note	To program additional Alarm Points press the DOWN navigation button to return to select module menu sequence. To exit, press the BACK or UP navigation buttons.				
Conditional	OUTPUT TYPE = 2	I-B ,OUTPUT 01	ADD USER GROUP	valid 1-256	Key in value		
		Note	To remove a previously configured User Group, press the RIGHT navigation button while at the ADD USER GROUP menu sequence.				
		I-B ,OUTPUT 01	REM USER GROUP 001	ENTER to confirm			
		Note	To program additional User Groups press the DOWN navigation button to return to ADD USER GROUP menu sequence. To exit, press the BACK or UP navigation buttons.				
		I-B ,OUTPUT 01	TOGGLES RELAY	valid 0-1	Key in value 0=No, 1=Yes		
		I-B ,OUTPUT 01	SHIFT	valid 0-128	Key in value		

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
FlexiBase & FlexIP Conditional: Access-4 Module must be connected with valid range (1-4)					
	DOOR ASSIGNMENT	select module	▶I-B (or 'ACC4 ##')	<Next connected module with Access Doors>	
	I-B 01	DOOR	valid 0-2	Key in value	
	Note	To remove a previously configured Door, press the RIGHT navigation button while at the ADD USER GROUP menu sequence.			
	I-B 01	REMOVE DOOR	ENTER to confirm		
	I-B ,OUTPUT 01	SECONDS ACTIVE	valid 0-255	Key in seconds	
Note	To program additional output types, press the DOWN navigation button to the OUTPUT TYPE menu sequence. To exit, press the BACK or UP navigation buttons.				

3.11 User

System Menus ▶ Programming Mode ▶ User

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	USER 1	USER CODE(1-8dig)		Key in value	
2	USER 1	SYSTEM USER LEVEL	valid 0-4	Key in value	
3	USER 1	CARD NUMBER		Key in value	
4	USER 1	SITE CODE	valid 0-65535	Key in value	
5	iBase	PART. ASSIGNMENT	ABCDEFGHIJKLMNOP	Key in Partitions	
	FlexiBase & FlexIP	PART. ASSIGNMENT	ABCDEFGH	Key in Partitions	
6	USER 1	ANTI PASSBCK EXMPT	valid 0-1	Key in value 0=No, 1=Yes	
7	USER 1	ACTIVE	valid 0-1	Key in value 0=No, 1=Yes	
8	USER 1	USER GROUP	valid 1-256	Key in value	
9	USER 1	ACCESS LEVEL	valid 0-256	Key in value	
10	TEMP ACCESS RANGE	START	mm/dd/yy HH:mm	Key in Date/Time	
11	TEMP ACCESS RANGE	END	mm/dd/yy HH:mm	Key in Date/Time	
12	USER 1	LANGUAGE	valid 0-1	Key in value	

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
				0=English, 1=Spanish	
13	USER 1	GUARD TOUR ACTIVE	valid 0-1	Key in value 0=No, 1=Yes	

3.12 Special Date Range

System Menus ► Programming Mode ► Special Date Range

Menu Sequence #	Line 1	Line 2	Line 3	Line 4	✓
1	SP. DATE RANGE 01	ADD SDR	valid 1-32	Key in value	
Note	To remove a configured special date range, press the RIGHT navigation button while on menu sequence 1. To continue adding special date ranges, press the DOWN navigation button to menu sequence 3.				
2	SP. DATE RANGE 01	REMOVE SDR	ENTER to confirm		
3	SP. DATE RANGE 01	START	mm/dd/yy HH:mm	Key in Date/Time	
4	SP. DATE RANGE 01	START	mm/dd/yy HH:mm	Key in Date/Time	

4. Stanley CSS Hardware Limited Warranty Statement

Stanley CSS warrants each new product of its manufacture, to be free from defects in material and workmanship. It will repair or replace defective parts for a period of 24 months from the date of manufacture, providing the equipment has not been subjected to abnormal conditions such as misuse, abuse, misapplication, alteration, lightning damage or damage by an Act of God. This excludes packing, handling and shipping charges from the Customer. The limited warranty is restricted to the original purchaser.

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