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For The Record

Client _____

Address _____

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Installer _____

Installation Date _____

Notes

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Introduction

Features

- Allows the MAXSYS PC4010 and PC4020 Alarm Control Systems to be operated through local and remote DTMF telephones

- Voice prompt operation

- Informative prompts guide the user through all system functions selected as being accessible through the Communiqué Security Interface Card 4580

- Programmable voice labels for zones, partitions and functions

- Adds Home Automation using X-10 Protocol to the PC4010 and PC4020

- Supports up to 32 Home Automation devices

- 16 Automation Schedules

- 8 Automation Modes

- Programmable through a local DTMF telephone

- All programming guided by easily understood voice prompts

- Uploading and Downloading supported in the DSC DLS-1 v5.6 (DOS) and DLS-2 (Windows) Downloading Software Packages
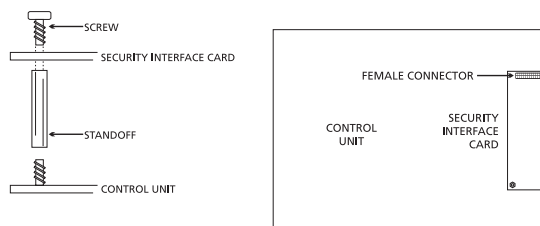
Specifications

- Communiqué Security Interface Card 4580 will function with the following panels:

  PC4020 v2.0, v2.1

  PC4020KT v1.0

  PC4010 v2.0, v2.1

- Connects directly to the Communiqué CPU board as well as the PC4010 and PC4020 Combus

  - Nominal current draw:
    - Stand-by: 65 mA
    - Connected to local (on-premise) telephone: 150 mA
    - Connected to remote (off-premise) telephone: 130 mA

- Mounts in same cabinet as alarm control panel

Installation

Mounting the Card

To connect the Security Interface Card to the main CPU board, perform the following steps:

1. Fasten the two standoffs provided with the interface card to the threaded studs at the bottom corners of the Security Interface Card section of the control unit.

2. Line up the female connector on the interface card with the male connector labelled VPM on the control unit and firmly press them into place.

3. Fasten the two screws provided with the interface card to the standoffs to secure the card in place.

Note: The Combus should remain disconnected until the Communiqué is powered up and all stations have been initialized.

Note: Permanent damage could result to the Security Interface Card or the control panel if the connections are offset. You must ensure that proper connections are made before applying power to the control unit.

Wiring

Refer to the Hook-up Diagram in the back of this manual.
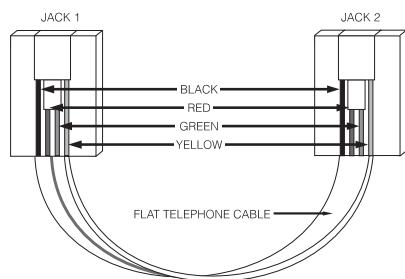
RED, BLK, YEL and GRN Terminals

Connect the RED, BLK, YEL and GRN terminals to the red, black yellow and green COMBUS terminals on the PC4010/PC4020 control panel. Refer to the PC4010/PC4020 Installation Manual for complete instructions on COMBUS wiring.

RJ11X Connector to X10 Module

Use an RJ11X connector and cable (not supplied) to connect the Communiqué Security Interface Card 4580 to an X-10 PL-513 or X-10 Pro PSC04 module. Refer to and follow the manufacturers instructions for installing the PL-513 or PSC04 module.

The following diagram show the cable that we currently require for connecting the Communiqué Security Interface Card 4580 to the PSC04 (PL513). With the jacks side by side (tabs facing up), the colours of the wire in each jack will appear in the same order from left to right. This cable is called a "Straight Through Cable" as per telephone industry standards.

Note: Please do not use a "Swapped", "Flipped" or "Crossover" cable as it will not work with the Communiqué Security Interface Card 4580. For more information on "swapped" and "straight through" cables, please see "Section 2 - Getting Started" in the Communiqué installation manual.

Changing the Security Interface Card Software

To replace the Security Interface Card software, the Communiqué must first be completely powered down (battery and AC). Next, unplug the combus and X-10 cable from the TSVPMBRD. Remove the old software and replace it with the new software. Restore power to the Communiqué and wait until all stations have been initialized. The combus and X-10 cable may now be plugged back into the TSVPMBRD.

Note: All programming related to the Security Interface Card will be lost and will have to be reprogrammed.

With the system disarmed, perform the following to access the Communiqué Security Interface Card 4580 Programming Mode.

To access your security system from a Communiqué telephone set, press the [SECURITY] key. If you are using a Communiqué DAI station, press [S][F] . The system will announce:

"Hello"

Enter the Programming Mode by entering [✱][8]. The system will prompt:

"Enter the Service Code"

Enter the 4-digit Service Code. The default Service Code is [4580]. The Service Code may be changed in Programming Section 001. After the Service Code is entered, the system will prompt:

"Enter a Section Number. To exit, press [#]"

To program a Programming Section, enter the 3-digit number of the Section. If an error is made in entering the section number, the system will prompt:

"Invalid entry. Enter a Section Number. To exit, press [#]"

When a Section number is entered, the system will indicate which section has been entered with the prompt:

"Section (number)"

The system will then announce what data is presently programmed, or what options are selected.

Programming Data Entry Sections

After the Section number is announced, the system will indicate what data is presently programmed as

"Data is (data)"

The system will then prompt:

"Enter new data"

Press [#] to return to the "Enter a Section Number" prompt, or enter the new data. When the new data is entered, the system will announce the new data with the prompt:

"Data Is (data)"

If an incorrect entry is made, the system will announce:

"Invalid Entry. Data Is (data). Enter new data"

Programming Option Sections

After the Section number is announced, the system will indicate which options are presently turned ON with the one of the following prompts:

"All options are off"

"All options are on"

"Option (number) is on"

"Options (numbers) are on"

The system will then prompt:

"Enter two digit option. To Exit, press pound"

Press [#] to return to the "Enter a Section Number" prompt, or enter a 2-digit Option Number to turn the selected option ON or OFF. If an error is made in entering the option number, the system will prompt:

"Invalid entry"

After an option number has been correctly entered, the system will announce which options are ON with one of the prompts described above.

When all option programming is complete, press [#] to return to the "Enter a Section Number" prompt.

Programming Label Entry Sections

After the Section number is announced, the system will recite the words presently programmed in the selected label. Each label may hold up to six words.

After the words are announced, the system will prompt

"Enter three digit word. To exit, press pound".

Press [#] to return to the "Enter a Section Number" prompt, or refer to the Label Library and enter a 3-digit code to program a word. If the word is entered correctly, a "beep" will sound. If more words may be entered, the system will prompt

"Enter three digit word. To exit press pound"

If no more words may be entered, the system will recite the label. If an invalid entry is made, the system will prompt

"Invalid entry. Enter three digit word. To exit press pound"

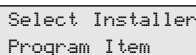When all label programming is complete, press [#] to return to the "Enter a Section Number" prompt.

When all programming is complete, hang up the handset.

Emergency Keys (Fire, Auxiliary Panic)

This feature allows the FAP emergency keys to be enabled or disabled per station. These keys operate as part of the DSC security panel interfaced to the Communiqué through the Security Interface Card.

Note: If the DSC security panel is not interfaced to the Communiqué, the FAP keys will not function from any station regardless of how this feature is programmed.

To access this function, press the [PGM] key three times. The display may prompt you for the Installer PIN. If the correct PIN is entered, or if no PIN is required, the display will read…

```
Select Installer
Program Item
```

Press the [SECURITY] key. The key will begin to flash slowly and the display will read…

```
Security Keys
Enable/Disable
```

Press the [SECURITY] key again. DSS keys 10 through 33 will be lit solid and the display will read…

```
Select Station
```

Select the station you wish to program by pressing the corresponding lit DSS key. For example, if the DSS 10 key is pressed, the key will start flashing slowly and the display will read…

```
Station 10
Prog FAP keys
```

The FAP keys will be either flashing quickly or lit solid depending on how they were previously programmed.

- Flashing quickly: The feature is enabled.
- Lit solid: The feature is disabled.

To enable or disable each of the Security keys, press the desired key and the setting will be toggled.

When the programming of the keys for a particular station is finished, press the PGM key to save the changes.

To select another station to program, press another DSS key.

Note: The Emergency keys will not function from any keyset that is in a programming section, including the radio programming section.

5

System Programming

001 Service Code

The Service Code allows access to the Communiqué Security Interface Card 4580 Programming Sections. Enter a 4-digit code in this section. The default Service Code is [4580].

002 First System Option Code

Option

01	ON	Home Automation enabled.
	OFF	Home Automation disabled
02	ON	Automation requires an Access Code. The system will require a valid Access Code to be entered before access to Automation Items will be allowed.
	OFF	Automation does not require an Access Code.
03	ON	When this option is enabled, the Communiqué Security Interface Card 4580 will transmit to the Automation Items on the system with the timing parameters required for 50Hz operation.
	OFF	The timing for 60Hz operation will be used for Automation Items

003 Status Prompt Mask

This section determines which Status Prompts will be available to the user. When "ON", the prompt will be announced when the appropriate condition is present. When "OFF", the prompt will not be announced if the condition is present.

Option

01	ON	*"Warning Bypass On"* prompt enabled
	OFF	Disabled
02	ON	"*System Open Zone X*" prompt enabled
	OFF	Disabled
03	ON	"*Alarms in Memory*" prompt enabled
	OFF	Disabled
04	ON	"*AC Trouble*" prompt enabled
	OFF	Disabled
05	ON	"*Phone Line Trouble*" prompt enabled
	OFF	Disabled
06	ON	"*Low Battery on Zone X*" prompt enabled
	OFF	Disabled
07	ON	"*Loss of Clock Trouble*" prompt enabled
	OFF	Disabled
08	ON	"*System Fault, Service Required*" prompt enabled
	OFF	Disabled
09	ON	"*For More Options, Press Star*" prompt enabled
	OFF	Disabled
10	ON	"*System On Without Entry*" prompt enabled
	OFF	Disabled
11	ON	"*Automation Service*" prompt enabled
	OFF	Disabled
12	ON	"*Zone Tamper*" prompt enabled
	OFF	Disabled
13	ON	"*Zone Fault*" prompt enabled
	OFF	Disabled

004 [✶] Function Prompt Mask

This section determines which [✶] Function Prompts will be available to the user. When "ON", the prompt will be announced. When "OFF", the prompt will not be announced. Note that a [✶] Function may still be used even if its prompt is not announced.

Option

01   ON   "*For Zone Bypassing*" prompt enabled
     OFF   Disabled

02   ON   "*For Alarm Memory*" prompt enabled
     OFF   Disabled

03   ON   "*For Sensor Reset*" prompt enabled
     OFF   Disabled

04   ON   "*For Automation Control*" prompt enabled
     OFF   Disabled

05   ON   "*For Special Functions*" prompt enabled
     OFF   Disabled

06   ON   "*For Door Strike*" prompt enabled
     OFF   Disabled

07   ON   "*For Arming Without Entry*" prompt enabled
     OFF   Disabled

08   ON   "*For Quick Arming*" prompt enabled
     OFF   Disabled

09   ON   "*For Quick Exit*" prompt enabled
     OFF   Disabled

10   ON   "*To Arm Interior Zones*" prompt enabled
     OFF   Disabled

005   Local Programming Lockout Counter

The Local Programming Lockout feature will prevent Communiqué programming after a programmable number of invalid Access Codes are entered on a handset. Enter the number of invalid codes to be allowed before the Local Programming Lockout feature is activated. Valid entries are between 000 and 255. The default setting is 000.

006   Local Programming Lockout Duration

This section determines the duration, in minutes, of the Local Programming Lockout. During the Local Programming Lockout Duration time, the Communiqué will not accept any Access Code, even valid Access Codes, for programming. Enter a time between 000 to 255 minutes. The default setting is 000.

007   Number of Home Automation Transmissions

This section determines the number of Home Automation ON or OFF commands that will be transmitted when a Home Automation Item is activated. Multiple ON / OFF commands may be used to ensure more reliable control of automated devices. Valid entries in the range of 001 to 255. The default setting is 001.

Note: Section 007 is not supported by the DLS-1 Version 5.6 or earlier Downloading Software.

Telephone Access Programming

021 Telephone Access Options
Option

01 ON Remote Access Enabled. The user will be able to access the system from remote telephones. To gain access to the system, the user must call the system and hang up after one or two rings. The user then calls the system again. When the system answers the call, enter the Telephone Access Code to access the system.

OFF Remote Access Disabled. The system will not allow access from off-premises telephones.

02 ON Access Code always required for Local Access. When the user picks up a premises telephone and enters the Telephone Access Code, the system will require that a valid Access Code be entered. An Access Code must be entered to gain access to the system.

OFF No Access Code required for Partition Access. When the user picks up a premises telephone and enters the Telephone Access Code, the system will provide immediate access.

Automation Schedules Programming

Programming Sections 030 through 077 are used to set the ON Time, OFF Time and Schedule Options for Schedules 1 through 16. The ON and OFF Times must occur within the same 24-hour period (that is, within the same day), unless multiple Schedules are used.

In the ON Time and OFF Time sections, enter a time in the 24-hour clock format. Valid entries are 00 to 23 for the hour, and 00 to 59 for the minute. Refer to the Programming Data Sections in the Programming section of this manual for instructions on how to program data sections.

In the Schedule Options section, turn options ON or OFF by entering the 2-digit option number. Refer to Programming Option Sections in the Programming section of this manual for instructions on how to program the options sections.

030 Schedule 1 ON Time
This section determines the time Schedule 1 will turn ON. Enter a 4-digit time in the 24-hour clock format. Valid entries are from 00 to 23 for the hour, and 00 to 59 for the minute.

031 Schedule 1 OFF Time
This section determines the time Schedule 1 will turn OFF. Enter a 4-digit time in the 24-hour clock format. Valid entries are from 00 to 23 for the hour, and 00 to 59 for the minute.

032 Schedule 1 Day Mask
This section determines the days on which Schedule 1 will function. Enter 2-digit numbers to turn the following options ON and OFF.

Option	ON	OFF
01	Sunday ON	Sunday OFF
02	Monday ON	Monday OFF
03	Tuesday ON	Tuesday OFF
04	Wednesday ON	Wednesday OFF
05	Thursday ON	Thursday OFF
06	Friday ON	Friday OFF
07	Saturday ON	Saturday OFF

Note: Refer to Programming Sections 030 through 032 for instructions on programming Schedules 2 through 16. Schedules 2 through 16 are programmed sections 033 to 077.

Automation Items Programming

Programming Sections 130 through 289 program the operation for Automation Items 1 through 32. Five Programming Sections are used to program the operation of each Automation Item:

- The first section determines the Home Automation Item House Code and Unit Number
- The second section programs various operating options
- The third section determines which Schedule the Automation Item follows
- The fourth section assigns a Mode to the Automation Item
- The fifth section determines the Output Condition of the Automation Item

Programming Sections 130 through 134 for Automation Item 1 are described in detail below. The remaining Programming Sections for Automation Items 2 through 32 are programmed in the same manner.

130 Automation Item 1: House Code and Unit Number

This section assigns an X-10 Protocol House Code and Unit Number to an Automation Item. Enter a 3-digit number from Programming Worksheets Appendix 1: X-10 Protocol House Code and Unit Numbers.

131 Automation Item 1: Miscellaneous Options

01 Item Options

ON   Automation Item Enabled. When ON, the Automation Item will function as programmed in the Options below.

OFF Automation Item Disabled. When OFF, the Automation Item will not be affected by the Options selected below.

02 User Control Options

ON   User Controlled ON/OFF. When ON, the user will be able to use the Automation key command to manually control the Automation Item.

OFF Not User Controlled. When OFF, the Automation key command will not affect the Automation Item. The item may still be controlled by a Schedule or Alarm System Output.

03 Global ON / OFF Options

ON   Included in Global ON/OFF Command. When ON, the Automation Item will turn ON or OFF when the Global Item Control function is executed from the Automation key command. If this option is enabled, User Controlled ON/OFF must be enabled as well.

OFF Not included in Global ON/OFF Command. When OFF, the Automation Item will not be affected by the Global Item Control function.

04 Dimming Options

ON   Dimming Enabled. When ON, the Automation Item will feature 6 dimming states: ON, OFF, and Levels 1 through 4. This option should be used only for light and other items connected to power line modules capable of dimming.

OFF Dimming Disabled. When OFF, the Automation Item will only have two states: ON or OFF.

05 Schedule / Output Options

ON   Follows Schedule / Output Condition Always. The Automation Item will always follow the Schedule / Output condition programmed in the Item Schedule / Output Condition programming section.

OFF Follows Schedule / Output Condition only when Mode is ON. The Automation item will follow the Schedule / Output Condition only when a mode assigned to the item is ON. This function would be used for items that are not user-controlled only, but where it is required that the item should selectively follow a schedule or output. A lawn sprinkler system is a typical application of this function.

06 Duration Options

ON   Item ON Steady while Active. When ON, the Automation Item will remain activated until it is deactivated by the user, a schedule or an Alarm System Output.

OFF Programmed Pulse when Active. When OFF, the Automation Item will be activated for the length of time programmed in the item's Automation Item Pulse Timer section. Refer to Automation Item Pulse Timers, Sections [301] through [332]. This Option can be used to trigger devices requiring a trigger pulse, or to activate an item for a specific length of time.

Note: Duration Options should not be used if Dimming is enabled. Note that all pulses switch to the ON state.

07   Prompt Option 1

ON   Item prompt is "ON / OFF". When ON, the Automation Item will prompt "ON" and "OFF" for the ON and OFF states while controlled by the Automation key command. This prompt would be used for devices such as lights or appliances.

OFF   Item prompt is not "ON / OFF"

08   Prompt Option 2

ON   Item prompt is "OPEN / CLOSED". When ON, the Automation Item will prompt "OPEN" and "CLOSED" for the ON and OFF states while controlled by the Automation key command. This prompt would be used for applications such as curtains and door openers.

OFF   Item prompt is not "OPEN / CLOSED".

09   Prompt Option 3

ON   Item prompt is "SETBACK ON / SETBACK OFF". When ON, the Automation Item will prompt "SETBACK ON" and "SETBACK OFF" for the ON and OFF states while controlled by the Automation key command. This prompt would be used for applications such as temperature control.

OFF   Item prompt is not "Setback ON / Setback OFF"

Note: Only one of Options 07, 08 and 09 should be ON. If more than one option is ON, the system will use the first enabled option. If none of the options are ON, the system will use Option 07.

132 Automation Item 1: Schedule Assignment

There are 16 Automation Schedules in the Communiqué Security Interface Card 4580 which determine the ON time, OFF time and Day Mask. These schedules can only control an automation item in a single 24 hour period (i.e. from midnight to midnight of one day). See Programming Sections: Automation Schedules for information on programming the schedules. To program an item to follow a particular schedule, turn ON the option corresponding to the number of the schedule (e.g. turning ON only option 01, programs the automation item to follow only schedule number 1).

If an automation item is required to be active past midnight, either use multiple schedules to control the item, or program the automation item for Alarm System Output in section 134 and use a Date Schedule in the PC4010/PC4020 to control the automation item. One interval of the date schedule will be used to activate the automation item on one day, and another interval of the same date schedule will be used to deactivate the item on another day. Refer to your PC4010/PC4020 programming manual for more information.

133 Automation Item 1: Mode Assignment

Mode Assignment adds additional control over automation items programmed for Scheduled or Event Initiated operation. Any automation item can be assigned to one or more of the 8 Modes. Modes can be turned on or off using the [✭] [5] command. If one of the modes an item is assigned to is ON, and the **Follows Schedule/Output only if a Mode is ON** option is enabled the automation item will only activate at the scheduled times or when an event occurs. If all of the modes an item is assigned to if OFF, the item will not activate.

For example, an automation item is programmed to follow a schedule to activate from 1:00 am to 3:00 am every day of the week to turn on sprinklers. The automation item is also assigned to Mode 1. The sprinklers will only turn on if Mode 1 is enabled (ON). On rainy days the user can turn off Mode 1 to prevent the sprinklers from coming on. When the weather clears the user can again enable the Mode to again have the sprinklers come on following the schedule.

Another example would be lighting control. Several schedules can be used together to give lighting a randomization effect. All the lighting control automation items could be assigned to multiple schedules and a Mode. Before the user leaves for a holiday they could turn on the Mode at which point the lights will follow the scheduled pattern.

Note: If an item is using multiple modes, the item will follow its assigned schedules when any of its assigned modes are ON. To prevent an item that is using multiple modes from following any of its assigned schedules, ALL the modes that the item is using must be turned OFF.

134 Automation Item 1: Schedule / Output Condition

Enter a 2-digit number to determine how the Automation Item will operate.

Option	Operation
00	Manual User Control Only
01	Alarm System Output Only
02	Schedule Only
03	Schedule or Alarm System Output
04	Schedule and Alarm System Output

Note: Automation Items 2 through 32 are programmed in sections 135 - 289 and are programmed in the same manner as Automation Item 1 (refer to sections 130-134 and the Programming Worksheets for programming instructions).

Automation Item Pulse Timers Programming

301 through 332: Automation Item Pulse Timers

Programming Sections 301 through 332 are used to program the Pulse Times for Automation Items 1 to 32. The pulse time is programmable from 001 to 255 seconds. The Automation Pulse Times are enabled by turning OFF Option 06 in the Automation Item: Miscellaneous Options section. Refer to Section 131 for information.

Programming Sections 451 through 728 are used to program the voice prompt labels for the following:

- Automation Items
- Automation Modes
- Miscellaneous System Functions
- Partitions
- Zones

Each label can contain up to 6 words. Refer to Programming Worksheets Appendix 2: Word Library for a list of available words. A word is assigned to a label by entering the word's 3-digit code in the label's programming section. Refer to Programming Label Entry Sections in the Programming section of this manual for instructions on programming labels.

Three special Number Commands are available to allow the system to include a number in the voice label. The Number Commands allow the system to announce the number in three different modes:

Label 000: Number Command 1, Combined Form. The number will be announced in its full form. For example, the number 401 would be announced as *"four hundred and one"*.

Label 001: Number Command 2, Ordered Form. The number will be announced in a descriptive form. For example, the number 401 would be announced as *"four hundred and first"*.

Label 002: Number Command 3, Individual Numbers. Each digit in the number will be announced individually. For example, the number 401 would be announced as *"four zero one"*.

Using the Number Commands will require two of the six available word spaces. The first space is the Number Command (000, 001 or 002), and the second space is the 3-digit number to be read (from 000 to 999). Note that 000, 001 and 002 cannot be used as the sixth entry in a label.

451 through 482:
Automation Item Labels

Enter up to six 3-digit label codes for the labels for Automation Items 1 through 32. Refer to the Programming Worksheets for the Programming Section for each Automation Item.

521 through 528:
Automation Mode Labels

Enter up to six 3-digit label codes for the labels for Automation Modes 1 through 8. Refer to the Programming Worksheets for the Programming Section for each Automation Mode.

545 through 546:
Miscellaneous System Labels

Enter up to six 3-digit label codes for the labels for the following system functions:

Section	Function
545	Sensor Reset
546	Door Strike

561 through 568:
System Partition Labels

Enter up to six 3-digit label codes for the labels for Partitions 1 through 8. Refer to the Programming Worksheets for the Programming Section for each Partition.

601 through 728:
System Zone Labels

Enter up to six 3-digit label codes for the labels for Zones 1 through 128. Refer to the Programming Worksheets for the Programming Section for each Zone.

System Programming

[001] Service Code
Default

| 4 | 5 | 8 | 0 | | | | | | |

[002] First System Option Code

Default		Option	ON	OFF
OFF		01	Home Automation enabled	Home Automation disabled
OFF		02	Automation requires an Access Code	Automation does not require an Access Code
OFF		03	50 Hz operation	60 Hz operation

[003] Status Prompt Mask

Default		Option	ON	OFF
ON		01	"Warning Bypass On" prompt enabled	Disabled
ON		02	"System Open Zone X" prompt enabled	Disabled
ON		03	"Alarms in Memory" prompt enabled	Disabled
ON		04	"AC Trouble" prompt enabled	Disabled
ON		05	"Phone Line Trouble" prompt enabled	Disabled
ON		06	"Low Battery on Zone X" prompt enabled	Disabled
ON		07	"Loss of Clock Trouble" prompt enabled	Disabled
ON		08	"System Fault, Service Required" prompt enabled	Disabled
ON		09	"For More Options, Press Star" prompt enabled	Disabled
ON		10	"System On Without Entry" prompt enabled	Disabled
ON		11	"Automation Service Required" prompt enabled	Disabled
ON		12	"Zone Tamper" prompt enabled	Disabled
ON		13	"Zone Fault" prompt enabled	Disabled

[004] [*] Function Prompt Mask

Default		Option	ON	OFF
ON		01	"For Zone Bypassing" prompt enabled	Disabled
ON		02	"For Alarm Memory" prompt enabled	Disabled
ON		03	"For Sensor Reset" prompt enabled	Disabled
ON		04	"For Automatic Control" prompt enabled	Disabled
ON		05	"For Special Functions" prompt enabled	Disabled
ON		06	"For Door Strike" prompt enabled	Disabled
ON		07	"For Arming Without Entry" prompt enabled	Disabled
ON		08	"For Quick Arming" prompt enabled	Disabled
ON		09	"For Quick Exit" prompt enabled	Disabled
ON		10	"To Arm Interior Zones" prompt enabled	Disabled

[005]Local Programming Lockout Counter

Default

| 0 | 0 | 0 | | | | |

[006]Local Programming Lockout Duration

Default

| 0 | 0 | 0 | | | | |

[007]Number of Home Automation Transmissions

Default

| 0 | 0 | 1 | | | | | Valid entries are 001 to 255

Section 07 is not supported by the DLS-1 v5.6 or earlier Downloading Software.

[021]Telephone Access Options

Default		*Option*	*ON*	*OFF*
OFF		01	Remote Access Enabled	Remote Access Disabled
ON		02	PC40XX code req'd for Local Access	No code req'd for Partition Access

Automation Schedules

How to Program Schedules:

For each Schedule, program an **On Time.**

Default is [9999]. Valid entries are 0000-2359. Program 9999 to disable.

For each Schedule, program an **Off Time.**

Default is [9999]. Valid entries are 0000-2359. Program 9999 to disable.

For each Schedule, program a **Day Mask.** The following table explains the options:

Default	Option	Option ON	Option Off
ON	01	Activates on Sunday	Does Not Activate on Sunday
ON	02	Activates on Monday	Does Not Activate on Monday
ON	03	Activates on Tuesday	Does Not Activate on Tuesday
ON	04	Activates on Wednesday	Does Not Activate on Wednesday
ON	05	Activates on Thursday	Does Not Activate on Thursday
ON	06	Activates on Friday	Does Not Activate on Friday
ON	07	Activates on Saturday	Does Not Activate on Saturday

	On Time	Off Time	Day Mask
			01 02 03 04 05 06 07
Default	9 9 9 9	9 9 9 9	ON ON ON ON ON ON ON
Schedule 1	[030]	[031]	[032]
Schedule 2	[033]	[034]	[035]
Schedule 3	[036]	[037]	[038]
Schedule 4	[039]	[040]	[041]
Schedule 5	[042]	[043]	[044]
Schedule 6	[045]	[046]	[047]
Schedule 7	[048]	[049]	[050]
Schedule 8	[051]	[052]	[053]
Schedule 9	[054]	[055]	[056]
Schedule 10	[057]	[058]	[059]
Schedule 11	[060]	[061]	[062]
Schedule 12	[063]	[064]	[065]
Schedule 13	[066]	[067]	[068]
Schedule 14	[069]	[070]	[071]
Schedule 15	[072]	[073]	[074]
Schedule 16	[075]	[076]	[077]

Automation Items

How to Program Automation Items

Note: Five sections need to be programmed for each Automation Item in use. Refer to the following list for instructions on programming each section. Refer to the Instruction Manual for more information on each option.

1 For each Automation Item, program a **House Code and Unit Number.** Default is [000].

2 For each Automation Item, program **Miscellaneous Options.** Options and defaults are described below:

Option	Default	ON	OFF
01	OFF	Automation Item enabled	Automation Item disabled
02	ON	User Controlled ON/OFF	Not user controlled
03	OFF	Included in Global ON/OFF Command	Not included in Global ON/OFF Command
04	OFF	Dimming Enabled	Dimming Disabled
05	OFF	Follows Schedule ON/OFF Output Condition Always	Follows Schedule ON/OFF Output Condition only when Mode is ON
06	ON	Item is ON steady when active	Item activates for programmed time
07	ON	Item prompt: "ON/OFF"	Prompt is not "ON/OFF"
08	OFF	Item prompt: "OPEN/CLOSED"	Prompt is not "OPEN/CLOSED"
09	OFF	Item prompt: "Setback ON/Setback OFF"	Prompt is not "Setback ON/Setback OFF"

Select only one — (brackets grouping options 07, 08, 09)

3 For each Automation Item, program **Schedule Assignments.** Default is [OFF] for all schedules. From 1 to 16 schedules may be turned ON or OFF for each Item.

4 For each Automation Item, program **Mode Assignments**. Default is [OFF] for all modes. From 1 to 8 modes may be turned ON or OFF for each Item.

5 For each Automation Item, program a **Timer / Output Condition.** Enter one 2-digit number to determine how the Automation Item will operate. Default is [00]. The following table lists the available options:

Option	Operation
00	Manual user control only
01	Alarm System Output Only
02	Schedule Only
03	Schedule *or* Alarm System Output
04	Schedule *and* Alarm System Output

Item [01]   **[130]** House Code & Unit Number |___|___|___|___|

   [131] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [132] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [133] Mode Assignment   01 02 03 04 05 06 07 08

   [134] Schedule/Output Condition |___|___|___|

Item [02]   **[135]** House Code & Unit Number |___|___|___|___|

   [136] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [137] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [138] Mode Assignment   01 02 03 04 05 06 07 08

   [139] Schedule/Output Condition |___|___|___|

Item [03]   **[140]** House Code & Unit Number |___|___|___|___|

   [141] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [142] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [143] Mode Assignment   01 02 03 04 05 06 07 08

   [144] Schedule/Output Condition |___|___|___|

Item [04]   **[145]** House Code & Unit Number |___|___|___|___|

   [146] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [147] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [148] Mode Assignment   01 02 03 04 05 06 07 08

   [149] Schedule/Output Condition |___|___|___|

Item [05]   **[150]** House Code & Unit Number |___|___|___|___|

   [151] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [152] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [153] Mode Assignment   01 02 03 04 05 06 07 08

   [154] Schedule/Output Condition |___|___|___|

Item [06]   **[155]** House Code & Unit Number |___|___|___|___|

   [156] Miscellaneous options   01 02 03 04 05 06 07 08 09

   [157] Schedule Assignment   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

   [158] Mode Assignment   01 02 03 04 05 06 07 08

   [159] Schedule/Output Condition |___|___|___|

Item [07] **[160]** House Code & Unit Number |___|___|___|

[161] Miscellaneous options 01 02 03 04 05 06 07 08 09

[162] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[163] Mode Assignment 01 02 03 04 05 06 07 08

[164] Schedule/Output Condition |___|___|

Item [08] **[165]** House Code & Unit Number |___|___|___|

[166] Miscellaneous options 01 02 03 04 05 06 07 08 09

[167] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[168] Mode Assignment 01 02 03 04 05 06 07 08

[169] Schedule/Output Condition |___|___|

Item [09] **[170]** House Code & Unit Number |___|___|___|

[171] Miscellaneous options 01 02 03 04 05 06 07 08 09

[172] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[173] Mode Assignment 01 02 03 04 05 06 07 08

[174] Schedule/Output Condition |___|___|

Item [10] **[175]** House Code & Unit Number |___|___|___|

[176] Miscellaneous options 01 02 03 04 05 06 07 08 09

[177] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[178] Mode Assignment 01 02 03 04 05 06 07 08

[179] Schedule/Output Condition |___|___|

Item [11] **[180]** House Code & Unit Number |___|___|___|

[181] Miscellaneous options 01 02 03 04 05 06 07 08 09

[182] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[183] Mode Assignment 01 02 03 04 05 06 07 08

[184] Schedule/Output Condition |___|___|

Item [12] **[185]** House Code & Unit Number |___|___|___|

[186] Miscellaneous options 01 02 03 04 05 06 07 08 09

[187] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[188] Mode Assignment 01 02 03 04 05 06 07 08

[189] Schedule/Output Condition |___|___|

Item [13] **[190]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[191] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[192] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[193] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[194] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [14] **[195]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[196] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[197] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[198] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[199] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [15] **[200]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[201] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[202] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[203] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[204] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [16] **[205]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[206] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[207] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[208] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[209] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [17] **[210]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[211] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[212] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[213] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[214] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [18] **[215]** House Code & Unit Number ⌞__⌞__⌞__⌞__⌟

[216] Miscellaneous options ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌟

[217] Schedule Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌞09⌞10⌞11⌞12⌞13⌞14⌞15⌞16⌟

[218] Mode Assignment ⌞01⌞02⌞03⌞04⌞05⌞06⌞07⌞08⌟

[219] Schedule/Output Condition ⌞__⌞__⌞__⌟

Item [19] **[220]** House Code & Unit Number |___|___|___|

[221] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[222] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[223] Mode Assignment |01|02|03|04|05|06|07|08|

[224] Schedule/Output Condition |___|___|___|

Item [20] **[225]** House Code & Unit Number |___|___|___|

[226] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[227] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[228] Mode Assignment |01|02|03|04|05|06|07|08|

[229] Schedule/Output Condition |___|___|___|

Item [21] **[230]** House Code & Unit Number |___|___|___|

[231] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[232] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[233] Mode Assignment |01|02|03|04|05|06|07|08|

[234] Schedule/Output Condition |___|___|___|

Item [22] **[235]** House Code & Unit Number |___|___|___|

[236] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[237] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[238] Mode Assignment |01|02|03|04|05|06|07|08|

[239] Schedule/Output Condition |___|___|___|

Item [23] **[240]** House Code & Unit Number |___|___|___|

[241] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[242] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[243] Mode Assignment |01|02|03|04|05|06|07|08|

[244] Schedule/Output Condition |___|___|___|

Item [24] **[245]** House Code & Unit Number |___|___|___|

[246] Miscellaneous options |01|02|03|04|05|06|07|08|09|

[247] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

[248] Mode Assignment |01|02|03|04|05|06|07|08|

[249] Schedule/Output Condition |___|___|___|

Item [25]   **[250]** House Code & Unit Number |___|___|___|___|

[251] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[252] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[253] Mode Assignment |01,02,03,04,05,06,07,08|

[254] Schedule/Output Condition |___|___|___|

Item [26]   **[255]** House Code & Unit Number |___|___|___|___|

[256] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[257] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[258] Mode Assignment |01,02,03,04,05,06,07,08|

[259] Schedule/Output Condition |___|___|___|

Item [27]   **[260]** House Code & Unit Number |___|___|___|___|

[261] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[262] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[263] Mode Assignment |01,02,03,04,05,06,07,08|

[264] Schedule/Output Condition |___|___|___|

Item [28]   **[265]** House Code & Unit Number |___|___|___|___|

[266] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[267] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[268] Mode Assignment |01,02,03,04,05,06,07,08|

[269] Schedule/Output Condition |___|___|___|

Item [29]   **[270]** House Code & Unit Number |___|___|___|___|

[271] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[272] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[273] Mode Assignment |01,02,03,04,05,06,07,08|

[274] Schedule/Output Condition |___|___|___|

Item [30]   **[275]** House Code & Unit Number |___|___|___|___|

[276] Miscellaneous options |01,02,03,04,05,06,07,08,09|

[277] Schedule Assignment |01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16|

[278] Mode Assignment |01,02,03,04,05,06,07,08|

[279] Schedule/Output Condition |___|___|___|

Item [31]   **[280]** House Code & Unit Number |___|___|___|

   [281] Miscellaneous options |01|02|03|04|05|06|07|08|09|

   [282] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

   [283] Mode Assignment |01|02|03|04|05|06|07|08|

   [284] Schedule/Output Condition |___|___|___|

Item [32]   **[285]** House Code & Unit Number |___|___|___|

   [286] Miscellaneous options |01|02|03|04|05|06|07|08|09|

   [287] Schedule Assignment |01|02|03|04|05|06|07|08|09|10|11|12|13|14|15|16|

   [288] Mode Assignment |01|02|03|04|05|06|07|08|

   [289] Schedule/Output Condition |___|___|___|

Automation Item Pulse Timers

Default

005   (Valid entries are 000-255 seconds)

[301] Automation Item 1: Pulse Timer |___|___|___| **[317]** Automation Item 17: Pulse Timer |___|___|___|

[302] Automation Item 2: Pulse Timer |___|___|___| **[318]** Automation Item 18: Pulse Timer |___|___|___|

[303] Automation Item 3: Pulse Timer |___|___|___| **[319]** Automation Item 19: Pulse Timer |___|___|___|

[304] Automation Item 4: Pulse Timer |___|___|___| **[320]** Automation Item 20: Pulse Timer |___|___|___|

[305] Automation Item 5: Pulse Timer |___|___|___| **[321]** Automation Item 21: Pulse Timer |___|___|___|

[306] Automation Item 6: Pulse Timer |___|___|___| **[322]** Automation Item 22: Pulse Timer |___|___|___|

[307] Automation Item 7: Pulse Timer |___|___|___| **[323]** Automation Item 23: Pulse Timer |___|___|___|

[308] Automation Item 8: Pulse Timer |___|___|___| **[324]** Automation Item 24: Pulse Timer |___|___|___|

[309] Automation Item 9: Pulse Timer |___|___|___| **[325]** Automation Item 25: Pulse Timer |___|___|___|

[310] Automation Item 10: Pulse Timer |___|___|___| **[326]** Automation Item 26: Pulse Timer |___|___|___|

[311] Automation Item 11: Pulse Timer |___|___|___| **[327]** Automation Item 27: Pulse Timer |___|___|___|

[312] Automation Item 12: Pulse Timer |___|___|___| **[328]** Automation Item 28: Pulse Timer |___|___|___|

[313] Automation Item 13: Pulse Timer |___|___|___| **[329]** Automation Item 29: Pulse Timer |___|___|___|

[314] Automation Item 14: Pulse Timer |___|___|___| **[330]** Automation Item 30: Pulse Timer |___|___|___|

[315] Automation Item 15: Pulse Timer |___|___|___| **[331]** Automation Item 31: Pulse Timer |___|___|___|

[316] Automation Item 16: Pulse Timer |___|___|___| **[332]** Automation Item 32: Pulse Timer |___|___|___|

Label Programming

Automation Item Labels

[451]	**Item 1**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[452]	**Item 2**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[453]	**Item 3**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[454]	**Item 4**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[455]	**Item 5**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[456]	**Item 6**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[457]	**Item 7**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[458]	**Item 8**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[459]	**Item 9**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[460]	**Item 10**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[461]	**Item 11**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[462]	**Item 12**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[463]	**Item 13**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[464]	**Item 14**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[465]	**Item 15**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[466]	**Item 16**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[467]	**Item 17**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[468]	**Item 18**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[469]	**Item 19**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[470]	**Item 20**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[471]	**Item 21**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[472]	**Item 22**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[473]	**Item 23**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[474]	**Item 24**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[475]	**Item 25**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[476]	**Item 26**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[477]	**Item 27**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[478]	**Item 28**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[479]	**Item 29**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[480]	**Item 30**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[481]	**Item 31**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘
[482]	**Item 32**	Codes	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘	└_____┘

Automation Mode Labels

[521]   **Item 1**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[522]   **Mode 2**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[523]   **Mode 3**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[524]   **Mode 4**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[525]   **Mode 5**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[526]   **Mode 6**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[527]   **Mode 7**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[528]   **Mode 8**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

Miscellaneous Labels

[545]   **Sensor Reset**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[546]   **Utility Output**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

Partition Labels

[561]   **Partition 1**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[562]   **Partition 2**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[563]   **Partition 3**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[564]   **Partition 4**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[565]   **Partition 5**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[566]   **Partition 6**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[567]   **Partition 7**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[568]   **Partition 8**   Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

Zone Labels

[601]   **Zone 1**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[602]   **Zone 2**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[603]   **Zone 3**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[604]   **Zone 4**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[605]   **Zone 5**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[606]   **Zone 6**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[607]   **Zone 7**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[608]   **Zone 8**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[609]   **Zone 9**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[610]   **Zone 10**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[611]   **Zone 11**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[612]   **Zone 12**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[613]   **Zone 13**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[614]   **Zone 14**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[615]   **Zone 15**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[616]   **Zone 16**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[617]   **Zone 17**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[618]   **Zone 18**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[619]   **Zone 19**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[620]   **Zone 20**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[621]   **Zone 21**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[622]   **Zone 22**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[623]   **Zone 23**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[624]   **Zone 24**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[625]   **Zone 25**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[626]   **Zone 26**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

[627]   **Zone 27**   Codes |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿| |＿＿＿＿|

		Codes						
[628]	**Zone 28**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[629]	**Zone 29**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[630]	**Zone 30**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[631]	**Zone 31**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[632]	**Zone 32**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[633]	**Zone 33**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[634]	**Zone 34**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[635]	**Zone 35**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[636]	**Zone 36**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[637]	**Zone 37**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[638]	**Zone 38**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[639]	**Zone 39**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[640]	**Zone 40**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[641]	**Zone 41**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[642]	**Zone 42**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[643]	**Zone 43**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[644]	**Zone 44**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[645]	**Zone 45**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[646]	**Zone 46**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[647]	**Zone 47**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[648]	**Zone 48**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[649]	**Zone 49**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[650]	**Zone 50**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[651]	**Zone 51**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[652]	**Zone 52**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[653]	**Zone 53**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[654]	**Zone 54**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘
[655]	**Zone 55**	Codes	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘	└─┴─┴─┘

[656]	**Zone 56**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[657]	**Zone 57**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[658]	**Zone 58**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[659]	**Zone 59**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[660]	**Zone 60**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[661]	**Zone 61**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[662]	**Zone 62**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[663]	**Zone 63**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[664]	**Zone 64**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[665]	**Zone 65**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[666]	**Zone 66**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[667]	**Zone 67**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[668]	**Zone 68**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[669]	**Zone 69**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[670]	**Zone 70**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[671]	**Zone 71**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[672]	**Zone 72**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[673]	**Zone 73**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[674]	**Zone 74**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[675]	**Zone 75**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[676]	**Zone 76**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[677]	**Zone 77**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[678]	**Zone 78**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[679]	**Zone 79**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[680]	**Zone 80**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[681]	**Zone 81**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[682]	**Zone 82**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	
[683]	**Zone 83**	Codes		___	___	___			___	___	___			___	___	___			___	___	___			___	___	___			___	___	___	

[684]	**Zone 84**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[685]	**Zone 85**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[686]	**Zone 86**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[687]	**Zone 87**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[688]	**Zone 88**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[689]	**Zone 89**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[690]	**Zone 90**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[691]	**Zone 91**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[692]	**Zone 92**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[693]	**Zone 93**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[694]	**Zone 94**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[695]	**Zone 95**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[696]	**Zone 96**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[697]	**Zone 97**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[698]	**Zone 98**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[699]	**Zone 99**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[700]	**Zone 100**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[701]	**Zone 101**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[702]	**Zone 102**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[703]	**Zone 103**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[704]	**Zone 104**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[705]	**Zone 105**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[706]	**Zone 106**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[707]	**Zone 107**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[708]	**Zone 108**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[709]	**Zone 109**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[710]	**Zone 110**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[711]	**Zone 111**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|
[712]	**Zone 112**	Codes	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|	|___|___|___|

[713] **Zone 113** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[714] **Zone 114** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[715] **Zone 115** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[716] **Zone 116** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[717] **Zone 117** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[718] **Zone 118** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[719] **Zone 119** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[720] **Zone 120** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[721] **Zone 121** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[722] **Zone 122** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[723] **Zone 123** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[724] **Zone 124** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[725] **Zone 125** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[726] **Zone 126** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[727] **Zone 127** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

[728] **Zone 128** Codes |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___| |___|___|___|

Special Programming

[999] **[Service Code] [999] Software Default Communiqué Security Interface Card 4580 Programming**
Re-enter Communiqué Security Interface Card 4580 Service Code and Section Number [999].

Appendix A: X-10 House Code and Unit Numbers

Enter	X-10 Code	Enter	X-10 Code	Enter	X-10 Code	Enter	X-10 Code	Enter	X-10 Code	Enter	X-10 Code
[000]	A 1	[044]	C 13	[088]	F 9	[132]	I 5	[176]	L 1	[220]	N 13
[001]	A 2	[045]	C 14	[089]	F 10	[133]	I 6	[177]	L 2	[221]	N 14
[002]	A 3	[046]	C 15	[090]	F 11	[134]	I 7	[178]	L 3	[222]	N 15
[003]	A 4	[047]	C 16	[091]	F 12	[135]	I 8	[179]	L 4	[223]	N 16
[004]	A 5	[048]	D 1	[092]	F 13	[136]	I 9	[180]	L 5	[224]	O 1
[005]	A 6	[049]	D 2	[093]	F 14	[137]	I 10	[181]	L 6	[225]	O 2
[006]	A 7	[050]	D 3	[094]	F 15	[138]	I 11	[182]	L 7	[226]	O 3
[007]	A 8	[051]	D 4	[095]	F 16	[139]	I 12	[183]	L 8	[227]	O 4
[008]	A 9	[052]	D 5	[096]	G 1	[140]	I 13	[184]	L 9	[228]	O 5
[009]	A 10	[053]	D 6	[097]	G 2	[141]	I 14	[185]	L 10	[229]	O 6
[010]	A 11	[054]	D 7	[098]	G 3	[142]	I 15	[186]	L 11	[230]	O 7
[011]	A 12	[055]	D 8	[099]	G 4	[143]	I 16	[187]	L 12	[231]	O 8
[012]	A 13	[056]	D 9	[100]	G 5	[144]	J 1	[188]	L 13	[232]	O 9
[013]	A 14	[057]	D 10	[101]	G 6	[145]	J 2	[189]	L 14	[233]	O 10
[014]	A 15	[058]	D 11	[102]	G 7	[146]	J 3	[190]	L 15	[234]	O 11
[015]	A 16	[059]	D 12	[103]	G 8	[147]	J 4	[191]	L 16	[235]	O 12
[016]	B 1	[060]	D 13	[104]	G 9	[148]	J 5	[192]	M 1	[236]	O 13
[017]	B 2	[061]	D 14	[105]	G 10	[149]	J 6	[193]	M 2	[237]	O 14
[018]	B 3	[062]	D 15	[106]	G 11	[150]	J 7	[194]	M 3	[238]	O 15
[019]	B 4	[063]	D 16	[107]	G 12	[151]	J 8	[195]	M 4	[239]	O 16
[020]	B 5	[064]	E 1	[108]	G 13	[152]	J 9	[196]	M 5	[240]	P 1
[021]	B 6	[065]	E 2	[109]	G 14	[153]	J 10	[197]	M 6	[241]	P 2
[022]	B 7	[066]	E 3	[110]	G 15	[154]	J 11	[198]	M 7	[242]	P 3
[023]	B 8	[067]	E 4	[111]	G 16	[155]	J 12	[199]	M 8	[243]	P 4
[024]	B 9	[068]	E 5	[112]	H 1	[156]	J 13	[200]	M 9	[244]	P 5
[025]	B 10	[069]	E 6	[113]	H 2	[157]	J 14	[201]	M 10	[245]	P 6
[026]	B 11	[070]	E 7	[114]	H 3	[158]	J 15	[202]	M 11	[246]	P 7
[027]	B 12	[071]	E 8	[115]	H 4	[159]	J 16	[203]	M 12	[247]	P 8
[028]	B 13	[072]	E 9	[116]	H 5	[160]	K 1	[204]	M 13	[248]	P 9
[029]	B 14	[073]	E 10	[117]	H 6	[161]	K 2	[205]	M 14	[249]	P 10
[030]	B 15	[074]	E 11	[118]	H 7	[162]	K 3	[206]	M 15	[250]	P 11
[031]	B 16	[075]	E 12	[119]	H 8	[163]	K 4	[207]	M 16	[251]	P 12
[032]	C 1	[076]	E 13	[120]	H 9	[164]	K 5	[208]	N 1	[252]	P 13
[033]	C 2	[077]	E 14	[121]	H 10	[165]	K 6	[209]	N 2	[253]	P 14
[034]	C 3	[078]	E 15	[122]	H 11	[166]	K 7	[210]	N 3	[254]	P 15
[035]	C 4	[079]	E 16	[123]	H 12	[167]	K 8	[211]	N 4	[255]	P 16
[036]	C 5	[080]	F 1	[124]	H 13	[168]	K 9	[212]	N 5		
[037]	C 6	[081]	F 2	[125]	H 14	[169]	K 10	[213]	N 6		
[038]	C 7	[082]	F 3	[126]	H 15	[170]	K 11	[214]	N 7		
[039]	C 8	[083]	F 4	[127]	H 16	[171]	K 12	[215]	N 8		
[040]	C 9	[084]	F 5	[128]	I 1	[172]	K 13	[216]	N 9		
[041]	C 10	[085]	F 6	[129]	I 2	[173]	K 14	[217]	N 10		
[042]	C 11	[086]	F 7	[130]	I 3	[174]	K 15	[218]	N 11		
[043]	C 12	[087]	F 8	[131]	I 4	[175]	K 16	[219]	N 12		

Appendix B: Word Library

[000]   Number Command 1: Combined Form
[001]   Number Command 2: Ordered Form
[002]   Number Command 3: Individual Numbers

[003]   Access
[004]   Air-conditioning
[005]   Alcove
[006]   And
[007]   Apartment
[008]   Appliance
[009]   Area
[010]   Atrium
[011]   Attic
[012]   Automatic
[013]   Away
[014]   Back
[015]   Backyard
[016]   Balcony
[017]   Bar
[018]   Barn
[019]   Basement
[020]   Bathroom
[021]   Bay
[022]   Beam
[023]   Bedroom
[024]   Blinds
[025]   Boat
[026]   Boiler
[027]   Bottom
[028]   Boys
[029]   Building
[030]   Cabinet
[031]   Cafeteria
[032]   Camera
[033]   Carport
[034]   Cash
[035]   Ceiling
[036]   Center
[037]   Change-room
[038]   China
[039]   Chute
[040]   Circuit
[041]   Classroom
[042]   Coatroom

[043]   Coffee-maker
[044]   Cold
[045]   Collection
[046]   Compressor
[047]   Computer
[048]   Contact
[049]   Control
[050]   Crawl-space
[051]   Curtain
[052]   Dark
[053]   Day
[054]   Deck
[055]   Degrees
[056]   Den
[057]   Detector
[058]   Dining
[059]   Dishwasher
[060]   Door
[061]   Down
[062]   Driveway
[063]   East
[064]   Electric
[065]   Elevator
[066]   Employee
[067]   Energy-save
[068]   Entertainment
[069]   Entry
[070]   Equipment
[071]   Exercise
[072]   Exhaust
[073]   Exit
[074]   Exterior
[075]   Extinguisher
[076]   Factory
[077]   Family
[078]   Fan
[079]   Fence
[080]   File
[081]   Fire
[082]   Floor

[083]   Florida
[084]   Flow
[085]   Fluid
[086]   Foil
[087]   Fountain
[088]   Foyer
[089]   Freezer
[090]   French
[091]   Front
[092]   Furnace
[093]   Game
[094]   Garage
[095]   Garbage
[096]   Gas
[097]   Gate
[098]   Girls
[099]   Glassbreak
[100]   Greenhouse
[101]   Ground
[102]   Guard
[103]   Guest
[104]   Gun
[105]   Gym
[106]   Hallway
[107]   Heat
[108]   Heater
[109]   High
[110]   Holiday
[111]   Home
[112]   Hose
[113]   Hot tub
[114]   House
[115]   Humidity
[116]   Interior
[117]   Intrusion
[118]   Item
[119]   Jewelry
[120]   Kitchen
[121]   Laboratory
[122]   Ladies
[123]   Lamp

[124]   Landscape
[125]   Laundry
[126]   Lawn
[127]   Left
[128]   Level
[129]   Library
[130]   Light
[131]   Lights
[132]   Liquor
[133]   Living
[134]   Loading
[135]   Lobby
[136]   Lot
[137]   Low
[138]   Lower
[139]   Machine
[140]   Maids
[141]   Mail
[142]   Main
[143]   Maintenance
[144]   Master
[145]   Mat
[146]   Medical
[147]   Meeting
[148]   Men's
[149]   Middle
[150]   Mode
[151]   Motion
[152]   Night
[153]   North
[154]   Number
[155]   Nursery
[156]   Office
[157]   Outlet
[158]   Over
[159]   Overflow
[160]   Overhead
[161]   Panel
[162]   Panic-button
[163]   Parking
[164]   Partition

[165]   Patio
[166]   Perimeter
[167]   Photocopier
[168]   Picture
[169]   Place
[170]   Play
[171]   Porch
[172]   Portable
[173]   Power
[174]   Pressure
[175]   Proximity
[176]   Pull-station
[177]   Pump
[178]   Ramp
[179]   Rear
[180]   Receiving
[181]   Recreation
[182]   Refrigerator
[183]   Reset
[184]   Restricted
[185]   Restroom
[186]   Right
[187]   Roof
[188]   Room
[189]   Safe
[190]   Sauna
[191]   Schedule
[192]   Sensor
[193]   Service
[194]   Shed
[195]   Shipping
[196]   Shop
[197]   Shutter
[198]   Side
[199]   Silent
[200]   Skylight
[201]   Sliding
[202]   Smoke
[203]   Solarium
[204]   Sounder
[205]   South

[206]   Sprinkler
[207]   Staff
[208]   Stairs
[209]   Stereo
[210]   Stock
[211]   Storage
[212]   Strike
[213]   Sump
[214]   Supervision
[215]   Swimming-pool
[216]   Tamper
[217]   Television
[218]   Temperature
[219]   Time
[220]   Tool
[221]   Top
[222]   Track
[223]   Trap
[224]   Under
[225]   Unit
[226]   Up
[227]   Upper
[228]   Utility
[229]   Vacuum
[230]   Vault
[231]   Vent
[232]   Vibration
[233]   Walkway
[234]   Warehouse
[235]   Washroom
[236]   Water
[237]   Weekend
[238]   Well
[239]   West
[240]   Window
[241]   Wine-cellar
[242]   Work
[243]   Yard
[244]   Zone
[245]   (2 s Pause)

Limited Warranty

Digital Security Controls Ltd. warrants the original purchaser that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use. During the warranty period, Digital Security Controls Ltd. shall, at its option, repair or replace any defective product upon return of the product to its factory, at no charge for labour and materials. Any replacement and/or repaired parts are warranted for the remainder of the original warranty or ninety (90) days, whichever is longer. The original owner must promptly notify Digital Security Controls Ltd. in writing that there is defect in material or workmanship, such written notice to be received in all events prior to expiration of the warranty period.

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The warranty for international customers is the same as for any customer within Canada and the United States, with the exception that Digital Security Controls Ltd. shall not be responsible for any customs fees, taxes, or VAT that may be due.

Warranty Procedure
To obtain service under this warranty, please return the item(s) in question to the point of purchase. All authorized distributors and dealers have a warranty program. Anyone returning goods to Digital Security Controls Ltd. must first obtain an authorization number. Digital Security Controls Ltd. will not accept any shipment whatsoever for which prior authorization has not been obtained.

Conditions to Void Warranty
This warranty applies only to defects in parts and workmanship relating to normal use. It does not cover:

• damage incurred in shipping or handling;

• damage caused by disaster such as fire, flood, wind, earthquake or lightning;

• damage due to causes beyond the control of Digital Security Controls Ltd. such as excessive voltage, mechanical shock or water damage;

• damage caused by unauthorized attachment, alterations, modifications or foreign objects;

• damage caused by peripherals (unless such peripherals were supplied by Digital Security Controls Ltd.);

• defects caused by failure to provide a suitable installation environment for the products;

• damage caused by use of the products for purposes other than those for which it was designed;

• damage from improper maintenance;

• damage arising out of any other abuse, mishandling or improper application of the products.

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Digital Security Controls Ltd. will at its option repair or replace out-of-warranty products which are returned to its factory according to the following conditions. Anyone returning goods to Digital Security Controls Ltd. must first obtain an authorization number. Digital Security Controls Ltd. will not accept any shipment whatsoever for which prior authorization has not been obtained.

Products which Digital Security Controls Ltd. determines to be repairable will be repaired and returned. A set fee which Digital Security Controls Ltd. has predetermined and which may be revised from time to time, will be charged for each unit repaired.

Products which Digital Security Controls Ltd. determines not to be repairable will be replaced by the nearest equivalent product available at that time. The current market price of the replacement product will be charged for each replacement unit.