CHAMBERLAIN®

ELITE™

Quickstart

EL25 Keypad Programming Guide

Telephone entry/access control system with a 25 directory code capacity

This Quickstart Guide is intended to highlight some applications. These instructions are not intended to be comprehensive. Please consult the Keypad Programming Manual for complete information.

Quick Reference

Guide for Programming the EL25

Programming Number	Description of Task	Factory Setting	Programming Procedure
***	Entering Programming Mode		* * * (6 Digit Password)
0	Exiting Programming Mode		0 #
1	Change or Verify the Unit's Password	000000	1 # (1 to change; 2 to verify) # (six-digit code) #
2	Set Unit ID Number and No. in Chain	Unit ID 1, Chain No. 1	2 # (unit ID number, 1-7) # (Number of Units in Chain, 1-7) #
3	Set the Clock		3 # yymmdd # (day of the week) # hhmm #
4	Enable/Disable Daylight Savings Time	Enabled	4 # (0 = disable; 1 = enable) #
5	Set Visitor Talk Time	60 Seconds	5 # (15 – 250 seconds) #
6	Set Directory Code Length	2 Digits	6 # (1 or 2) #
7	Set Entry Code Length	4 Digits	7 # (3-9) #
9	Enable/Disable Call Waiting	Enabled	9 # (0 = disable; 1 = enable) #
10	Enable/Disable Do Not Disturb Schedule	Disabled	10 # (directory code) # (0 = disable; 1 = enable) #
11	Enable/Disable Unlock Time Zone	Enabled	11 # (0 = disable; 1 = enable) #
12	Enable/Disable Anti-Passback	Disabled	12 # Enable/Disable True Anti-Passback (0 = disable; 1 = enable) # Enable/Disable Timed Anti-Passback (0 = disable; 1 = enable) #
13	Set Anti-Passback Time	3 Minutes	13 # (1-60 minutes) #
14	Set Maximum Number of Rings Allowed Before Aborting Attempt	5 Rings	14 # (1 – 9) #
15	Set Standard Single Ring or Double Ring Response	0 = One Long Ring	15 # (0 – 1; 0 = one long ring, 1 = double ring) #
16	Number of Rings Before Unit Answers	5 Rings	16 # (0 – 15) # *Each unit in chain must have same setting*
17	Set "Strikes" and "Out"	3 Errors	17 # (max errors, 0-5) #
18	Set Speaker Volume	5	18 # (0 = mute; 1-10, 1 is low and 10 is high) #
19	Set Microphone Volume	5	19 # (0 = mute; 1-10, 1 is low and 10 is high) #
20	Enable/Disable the Telco Mode	Enabled	20 # (0 = disable; 1 = enable) #
21	Enable/Disable Direct Commands	Enabled	21 # (0 = disable; 1 enable) #
22	Enable/Disable Voice Mail	Disabled	22 # (0 = disable; 1 = enable) #
23	Enable/Disable Access Granted Beeps	Enabled	23 # (0 = disable; 1 = enable) #
24	Enable/Disable Real-Time Monitoring	Disabled	24 # (0 = disable; 1 = enable) #

Optional Steps Indicated with a Background, all other steps are Required

Important:

- The Pound Key (#) must be used as Data Field Separator and to Save Data at the end of the sequence.
- Time must be entered using a 24-hour format *(8AM=0800, 3PM=1500 etc.)*
- ***2 Short Beeps:*** Programming input is valid. ***1 Long Beep:*** Input is not valid.
- If you make an error during an entry, press the asterisk key (*) to begin again.

Quick Reference Guide

Quick Reference

Programming Number	Description of Task	Factory Setting	Programming Procedure
28	Restore Factory Settings		28 # 101010 #
29	Reset the Unit		29 # 101010 #
30	Create a Time Zone		30 # (time zone number, 2-63) # (segment number; 99) # (starting time = hhmm; 99) # (ending time = hhmm) # (day of week, 1-8; 1 = Sunday; 7 = Saturday; 8 = holiday) #
31	Assign Door Auto Lock/Unlock Time Zone	Disabled	31 # (door 1-4) # (time zone, 2-63; 99) #
32	Setting Holidays		32 # (1 = add, 2 = verify, 0 = delete) # (yymmdd; yy = year, mm = month, dd = day of the month) #
40	Add a Basic Directory Code		40 # (directory code) # (phone number) # (phone extension) #
41	Add or Edit a Full Function Directory Code		41 # (directory code) # (phone number) # (phone ext) # (DnD schedule number, 0-63) # (enable/disable call fwd) # (call fwd schedule number, 0-63) # (new call fwd phone number) # (call fwd phone ext) #
44	Change a Directory Code ONLY		44 # (new directory code) # (directory code to change) #
45	Activate/Deactivate a Directory Code		45 # (directory code) # (0 = deactivate; 1 activate) # (0 = don't use start; 1 = use start) # (Start Date = yymmdd) # (Start Time = hhmm) # (0 = don't use end; 1 = use end) # (End Date = yymmdd) # (End Time = hhmm) #
46	Enable/Disable Call Forwarding (Directory Calls)	Disabled	46 # (directory code) # (0 = disable; 1 = enable) (schedule number, 0-63) # (new call forward phone number) # (call forward phone extension) #
47	Verify a Directory Code		47 # (directory code) #
48	Delete a Directory Code		48 # (directory code) #
49	Enable/Disable Call Forwarding and Do Not Disturb Schedule with Residence "Call" Button Only	Disabled	49# DnD Enable (1)/Disable (0) # DnD Schedule (0-63) # Call Forward Enable/Disable (0 = disable; 1 = enable) # Call Forward Schedule (schedule number, 0-63 # (new call forward phone number) # (call forward phone extension) # (call forward extension delay, 0 to 30 sec.) #
50	Add a Basic Entry Code		50 # (entry code) #
51	Add/Edit a Full Function Entry Code		51 # (entry code) # (schedule for door 1, 0-63) # (schedule for door 2, 0-63) # (schedule for door 3, 0-63) # (schedule for door 4, 0-63) #
54	Change an Entry Code ONLY		54 # (entry code to change) # (new entry code) #
55	Verify an Entry Code		55 # (entry code) #
56	Activate/Deactivate an Entry Code		56 # (entry code) # (0 = deactivate; 1 activate) # (0 = don't use start; 1 = use start) # (Start Date = yymmdd) # (Start Time = hhmm) # (0 = don't use end; 1 = use end) # (End Date = yymmdd) # (End Time = hhmm) #

Optional Steps Indicated with a Background, all other steps are Required

To enter programming mode from the EL25:
Press * * * and the 6-Digit Password (2 short beeps will be heard)
Exiting programming mode allows changes to take effect

Quick Reference

Programming Number	Description of Task	Factory Setting	Programming Procedure
57	Delete an Entry Code		57 # (entry code) #
60	Assign Each External Access Control Device a "Door Number" *(Step 1 of 4)*	No Device Assigned	60 # (device 1-4) # (device type 0-2; 0 = no device, 1 = wiegand card reader or keypad, 2 = RF receiver) # (door 1-4) #
61	Assign "Each" Door Number to One or More Relays *(Step 4 of 4)*	D1=Relay 1 D2=Relay 2 D3=Relay 3 D4=Relay 4	61 # (door 1-4) # (relays to activate 0000-1111) # *Order of relay is: relay 4 – relay 3 – relay 2 – relay 1 for an example if you want relay 4 active you would enter 1000, if you want relay 1 active you would enter 0001*
63	Assign Door Use Time Zone	D1,D2,D3,D4=Enabled	63 # (door 1-4) # (time zone, 0-63) #
64	Set Anti-Passback Entry/Exit for Specific Devices	Disabled	64 # (device 0-4) # (0-3; 0 = disable, 1 = set device to timed anti-passback, 2 = set device to true anti-passback - entrance, 3 = set device for true anti-passback - exit) #
65	Set Each "Relay Type" to get the Appropriate Response *(Step 2 of 4)*	All Relays ="Strike"	65 # (relay 1-4) # (0-5; 0 = unknown, 1 = strike, 2 = shunt, 3 = CCTV, 4 = alarm, 5 = control) #
66	Set Each Relay's "Activation Time" *(Step 3 of 4)*	All Relays = 10 seconds	66 # (relay number 1-4) # (activation time, 1-300 seconds) #
67	Configure an Exit Device (REX)	R1=Door 1 R2=Door 2 R3=Door 3 R4=Door 4	67 # (REX number 1-4) # (select REX option: 0 = disabled, 1 = use your door settings or 2 = use specific relay(s) 0000-1111) # *Order of Relays are 4321*
68	Configure a Door Sensing Device	DS1=Door 1 DS2=Door 2 DS3=Door 3 DS4=Door 4	68 # (sensor number 1-4) # (select sensor option: 0 = disabled, 1 = use your door settings or 2 = use specific relay(s) 0000-1111) # *Order of Relays are 4321*
69	Assign a Postal Lock Switch to Door No.	Door 1	69 # (door 0-4; 0 = no postal lock) #
70	Set Relay(s) for AutoCall	No Relays Assigned	70 # (relays to activate 0000-1111) # *Order of relays are 4321*
71	Set the Default Card Type	30-bit Cards	71 # (26 or 30) #
73	Set the Default Facility Code	0	73 # (0-255) #
74	Enable/Ignore Facility Code when Card is Used	Ignored	74 # (0 = disable; 1 = ignore) #
80	Add a Basic Card		80 # (card PIN code) # (facility code) # (card type, 26 or 30) #
81	Add or Edit a Full Function Card		81 # (card PIN code) # (facility code) # (card type, 26 or 30) # (schedule for door 1, 0-63) # (schedule for door 2, 0-63) # (schedule for door 3, 0-63) # (schedule for door 4, 0-63) #
82	Add a Card Group		82 # (card PIN code start range) # (card PIN code end range) # (facility code) # (card type, 26 or 30) # (0 = deactivate; 1 = activate) # (schedule for door 1, 0-63) # (schedule for door 2, 0-63) # (schedule for door 3, 0-63) # (schedule for door 4, 0-63) #

Optional Steps Indicated with a Background, all other steps are Required

Important:

- The Pound Key (#) must be used as Data Field Separator and to Save Data at the end of the sequence.
- Time must be entered using a 24-hour format *(8AM=0800, 3PM=1500 etc.)*
- ***2 Short Beeps:*** Programming input is valid. ***1 Long Beep:*** Input is not valid.
- If you make an error during an entry, press the asterisk key (*) to begin again.

Quick Reference Guide

Quick Reference

Programming Number	Description of Task	Factory Setting	Programming Procedure
85	Replace a Card		85 # (lost or stolen card PIN code) # (facility code) # (card type, 26 or 30) # (new card PIN) # (new facility code) # (new card type, 26 or 30) #
86	Verify a Card		86 # (card PIN code) # (facility code) # (card type, 26 or 30)
87	Activate or Deactivate a Card		87 # (card PIN code) # (facility code) # (card type, 26 or 30) # (0 = deactivate; 1 = activate) # (0 = don't use start; 1 = use start) # (Start Date = yymmdd) # (Start Time = hhmm) # (0 = don't use end; 1 = use end) # (End Date = yymmdd) # (End Time = hhmm) #
88	Delete a Card		88 # (card PIN code) # (facility code) # (card type, 26 or 30) #
90	Add a Basic Transmitter		90 # (transmitter PIN code) # (facility code) # (sequence number) # (ID number) # (button number) #
91	Add or Edit a Full Function Transmitter		91 # (transmitter PIN code) # (facility code) # (sequence number) # (ID number) # (button number) # (schedule for door 1, 0-63) # (schedule for door 2, 0-63) # (schedule for door 3, 0-63) # (schedule for door 4, 0-63) #
94	Add a Group of Transmitters at Once		94 # (transmitter PIN code start range) # (transmitter PIN code end range) # (facility code) # (sequence number) # (ID number) # (button number) # (0 = deactivate; 1 activate) # (schedule for door 1, 0-63) # (schedule for door 2, 0-63) # (schedule for door 3, 0-63) # (schedule for door 4, 0-63) #
95	Replace a Lost Transmitter		95 # (transmitter PIN to change) # (facility code) # (sequence number) # (ID number) # (button number) # (new transmitter PIN) # (new facility code) # (new sequence number) # (new ID number) # (new button number) #
96	Verify a Transmitter		96 # (transmitter PIN code) # (facility code) # (sequence number) # (ID number) # (button number) #
98	Activate or Deactivate a Transmitter		98 # (transmitter PIN code) # (facility code) # (sequence number) # (ID number) # (button number) # (0 = deactivate; 1 activate) # (0 = don't use start; 1 = use start) #(Start Date = yymmdd) # (Start Time = hhmm) # (0 = don't use end; 1 = use end) #(End Date = yymmdd) # (End Time = hhmm) #
100	Deactivate a Button on a Transmitter and/or Delete a Transmitter		100 # (transmitter PIN code) # (facility code) # (sequence number) # (ID number) # (button number) #
102	Configure “Door Held Open” Alarm Feature	Disabled	102 # (alarm option; 0 = disable, 1 = enable until relay time expires, 2 = enable until alarm clears) # (relay group, 0000-1111) # *Order of relays is 4321*
103	Configure “Door Forced Open” Alarm Feature	Disabled	103 # (alarm option; 0 = disable, 1 = enable until relay time expires, 2 = enable until alarm clears) # (relay group, 0000-1111) # *Order of relays is 4321*

Optional Steps Indicated with a Background, all other steps are Required

Quick Reference

Programming Number	Description of Task	Factory Setting	Programming Procedure
104	Configure "Strikes and Out" Alarm Feature	Disabled	104 # (alarm option; 0 = disable, 1 = enable until relay time expires, 2 = enable until alarm clears) # (relay group, 0000-1111) # *Order of relays is 4321*
105	Enable or Disable Anti-Passback Forgiveness at Midnight	Enabled	105 # (0 = disable; 1 = enable) #
109	Override Telephone Company Answering Service	No	109 # (0 = no; 1 = yes) # *Default is "No"*
110	Set a Phone Number's Extension Delay Time	No Delay	110 # (directory code) # (phone extension delay) # (call forward extension delay) #
111	Verify Multi-Unit Number		111 #
113	Dial "0-9" First to Get an Outside Line Using a Automated Phone System	Disabled	113 # (0 = disable; 1 = enable) # (0-9, when enabled) #
115	Set Alternative Prefixes	Normal	115 # (normal-00, mixed-01, asterisk-02, pound-03, number-1n) # *each unit in chain must have same setting*
116	Change the Visitor Call Response Keys	9, 5, 3, 7, 2, 1, *	116 # (activate door 1) # (activate door 2) # (activate door 3) # (activate door 4) # (call wait toggle) # (extend talk time) # (hang up and deny access) #
120	Talk through the EL25 Speaker		120 #
121	Cycle Door		121 # (door 1-4) #
122	Latch Door "Open" Until...		122 # (door 1-4) # (end time = hhmm) #
123	Latch Door "Closed" Until...		123 # (door 1-4) # (end time = hhmm) #
124	Release Door "Now"		124 # (door 1-4) #
131	Cycle Relay "Now"		131 # (relay 1-4) #
201	***Delete ALL*** Directory Codes		201 # 101010 #
202	***Delete ALL*** Entry Codes		202 # 101010 #
203	***Delete ALL*** Access Cards		203 # 101010 #
204	***Delete ALL*** Transmitter Codes		204 # 101010 #
205	***Delete ALL*** Time Zones		205 # 101010 #
206	***Delete ALL*** Access Codes from Database		206 # 101010 #

Optional Steps Indicated with a Background, all other steps are Required

To enter programming mode from the EL25:
Press * * * and the 6-Digit Password (2 short beeps will be heard)
Exiting programming mode allows changes to take effect

Important:

- The Pound Key (#) must be used as Data Field Separator and to Save Data at the end of the sequence.
- Time must be entered using a 24-hour format *(8AM=0800, 3PM=1500 etc.)*
- ***2 Short Beeps:*** Programming input is valid. ***1 Long Beep:*** Input is not valid.
- If you make an error during an entry, press the asterisk key (*) to begin again.

Programming Single Unit Overview

Programming Basics

The EL25 can be programmed ***3*** different ways.

1 **EL25 Keypad:** You may use the keypad on the front panel. (Next Page)

2 **Local/Remote DTMF Phone:** You may use the keypad on a local or remote phone to program the system. The unit responds to the DTMF signals generated by your touch-tone phone. (Next Page)

3 **Direct/Modem Connection to a PC:** In order to program the EL25 with a direct or modem connection, your PC must be running Sentex's Windows®-compatible Versa XS software. (Not covered in this Quickstart Guide)

__THIS__ guide will outline some programming for the EL25 from __the keypad__ or local/remote DTMF (Touch-Tone) phone __ONLY__.
For more information, refer to the Manuals and/or your installation dealer.

Procedure Required to Program the EL25:

❶ 1, 2 or 3 digit # **Programming Number**. (See "***Quick Reference Guide***" Tables for descriptions and procedures)
❷ One or more **Data Fields**.
❸ Pound Key (#) as a Data Field Separator and at the ***end*** of the programming sequence to ***Save the Data***.

Notes:

- All data fields must be separated with the pound key (#).

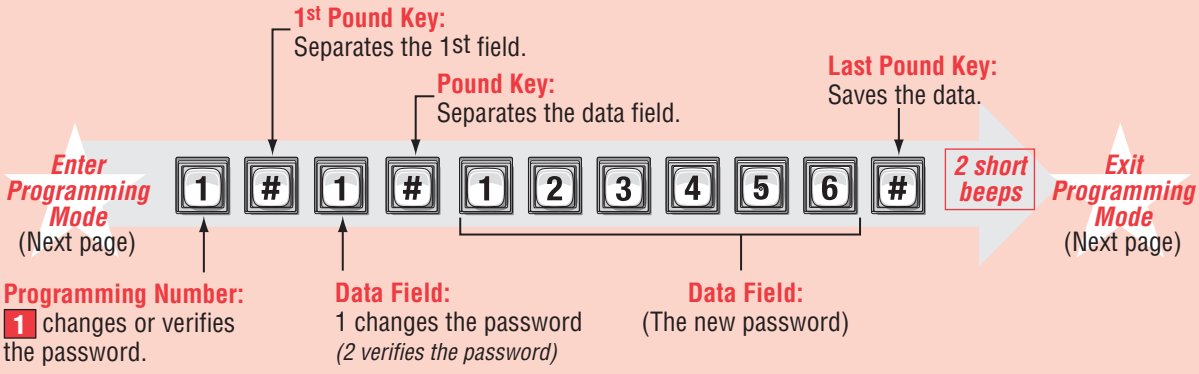
○ Required Step
□ Optional Step, Press (#) to Skip.

Example: **(# Programming Number) # (Data Field) # (Data Field) # (Data Field) #**

① *Required Step* | 2 *Optional Step* | ③ *Required Step* | ④ *Required Step*

- Steps tagged with a (□) are ***optional***, press the pound key (#) to skip them. **Note:** Some steps are ***required*** and ***must*** have data entered in them to continue, tagged with (○).
- If you make an error during an entry, press the asterisk key (*) to cancel the step.
- When you ***correctly*** enter the ***entire*** programming sequence, the unit will respond with ***2*** short beeps (see also **System Feedback/Responses (Beeps)**).

Example of a Programming Sequence: "1 Changing the Password"



If you make an error during an entry, press the asterisk key (*) to begin again.

Enter Programming Mode ***

If you will be programming the unit via modem, please refer to the **Versa XS** online help.

> ***Important:*** After entering programming mode for the first time, we suggest you change the password to maintain the security of your system.

1 *From the EL25 Keypad:*

① Press [*] [*] [*]

② Enter the (**6**) six-digit password. The default is six zeroes. [0] [0] [0] [0] [0] [0] ***2 Short Beeps***

The unit is now ready to accept programming instructions!

2 *From the Residence Telephone:*

① When you hear the dial tone, press * * *

1A If multiple EL25 units are sharing the same phone line, then a **Unit ID Code (1-7)** will need to be entered at this time.

② Enter the (**6**) six-digit password. The default is six zeroes. *0* *0* *0* *0* *0* *0*

③ Press # and the tone will stop.

The unit is now ready to accept programming instructions!

2 *From the Remote Telephone:*

① Dial the unit's phone number.

Note: If the EL25 and an answering machine (or answering service) utilize the same phone line, let the line ring at least (**2**) two times, hang-up, and call back within one (**1**) minute. The EL25 will answer on the second call. If the unit does not answer, you may need to change the ring count.

② When the EL25 picks up the call, you will hear ***2*** beeps.

③ Press * * *

3A If multiple EL25 units are sharing the same phone line, then a **Unit ID Code** (**1-7**) will need to be entered at this time.

④ Enter the (**6**) six-digit password. The default is six zeroes. *0* *0* *0* *0* *0* *0*

⑤ Press # and the beeps will stop.

The unit is now ready to accept programming instructions!

Exit Programming Mode 0

- Press [0] [#] on the EL25 keypad and the unit will respond with ***3 short beeps*** when disconnecting.
- Press *0* # on the **telephone** and the unit will respond with ***3 short beeps*** when disconnecting.

Press [*] [0] [#] when using a ***telephone*** or the EL25 to cancel programming sequence and exit programming mode.

System Feedback / Responses (Beeps)

The EL25 emits various audio tones to respond to input and to indicate certain conditions.

Programming Responses:

2 Short Beeps: *Programming step was valid.*

3 Short Beeps: *Programming mode was exited.*

1 Long Beep: Input was not valid.

2 Long Beeps: Duplicate entry code was entered.

3 Long Beeps: Memory is full.

4 Long Beeps: Unit has reset or is powering up.

Busy Signal: Line is busy or Do Not Disturb feature is in effect.

Direct Command Responses:

5 Short Beeps: Gate is closing by command.

10 Short Beeps Gate is opening by command.

Other Responses:

1 Short Beep: Key was pressed on the unit's keypad.

1 Beep: Talk time for a visitor call is lapsing and the unit will beep once per second for the last 10 seconds unless the talk time is extended.

Ring Back: The unit is ringing the building.

10 Short Beeps: The unit has granted access.

Silence: *The keypad has struck out, the unit is being programmed from another source, or an alarm condition exists.*

Sending Direct Commands from the Resident's Phone

(NPBI / Single Family Residence ONLY)

You can send commands directly to the EL25 from your phone without being in programming mode. This feature is only available for a **single-family residence** or a **manager** is sharing a phone line with the EL25.

To Enter a Direct Command from a Residence Phone:

① Lift the receiver and press (#) (#)

1A If multiple EL25 units are sharing the same phone line, then a **Unit ID Code** (**1-7**) will need to be entered at this time.

The unit is now ready to allow direct commands only!

Example 1:

(#) (#)

Enters direct command mode

Example 2:

(#) (#) (DEF 3)

Enters direct command mode for unit three

Programming Multiple Units Overview

Up to seven (7) EL25s can be installed on a single telephone line. ***Each*** unit must have a "***Unique Unit ID"*** number and the ***"Number of Units in Chain"*** assigned to it.

Set the Unit ID Number and Number of Units in Chain: 2

The unit ID identifies each unit within a chain. Adding or removing EL25s will require the unit ID's to be re-entered.

Factory Setting: Unit ID 1 and Number of Units in Chain 1.

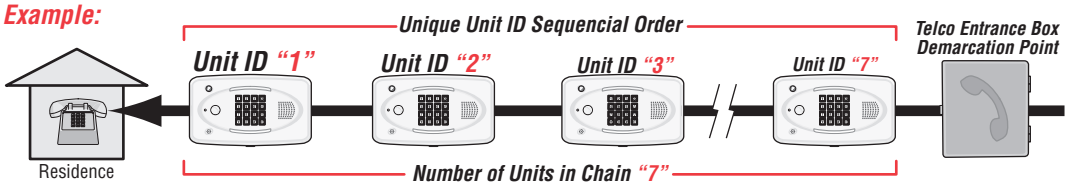
① Press [2] Then [#]

② Unit ID Number (**1-7**), Then [#]

③ Total Number of Units in Chain (**1-7**), Then [#]

Important: This must be performed for ***EACH*** unit in the Chain.

Example:



Important:

EACH unit in the Chain must have the same "Rings Before Answer". 16 Factory Setting - 5 Rings

EACH unit in the Chain must have the same "Alternate Prefix". 115 Factory Setting - Normal

Verify Unit Number: 111

This allows you to verify a unit's number within a chain. When you perform this step, the unit will respond with the number of beeps corresponding to its unit ID number. Two beeps, for example, mean the unit is number 2 in the chain.

[1] [1] [1] Then [#]

Note: You ***cannot*** program a unit within a multi-unit chain from a local/remote DTMF phone (Touch-Tone) unless you know the unit's ID number. Therefore, you can only verify the unit number while programming from the unit's front keypad.

If you make an error during an entry, press the asterisk key (✱) to begin again.

EL25 SetUp "Your Settings"

The EL25 comes preprogrammed with Factory Settings. When the unit is first installed, you **DO NOT** need to program each feature.

Review the unit's factory settings before programming (see ***Quick Reference Guide*** in front for **ALL** the Factory Settings).

Getting Started

Change the Unit Password 1

Change the unit password to prevent any tampering with your system's database. When changing the password, save a copy of it in a secure location. If you lose the password, you ***will not*** be able to enter into programming mode. **Factory Setting: 000000** (See Page 6)

Example: [1] [#] [1] [#] [1] [2] [3] [4] [5] [6] [#]
① ② ③
Changes the unit's password to "123456".

① Press [1] Then [#]

② Change (**1**) or Verify (**2**) the Password. Then (**#**)

③ Enter New Password or Password to Verify (6 Digits). Then (**#**)

Set the Clock 3

An accurate clock is critical to the proper use of schedules, time zones and for accurately reporting transactions. The system will adjust itself to daylight saving time if enabled.

① Press [3] Then [#]

② Enter Date (yymmdd). Then (**#**)

③ Enter Day of week. Then (**#**)
1 = Sunday, 2 = Monday, 3 = Tuesday, 4 = Wednesday, 5 = Thursday, 6 = Friday, 7 = Saturday

④ Time of Day (hhmm). Then (**#**)
All time must be entered using a 24-hour format (*8AM=0800, 3PM=1500 etc.*)

Example: Year Month Day 24-Hour Time
[3] [#] [0] [5] [0] [1] [0] [1] [#] [7] [#] [1] [3] [0] [0] [#]
① ② ③ ④
Sets the clock to 1PM, Saturday, January 1st, 2005.

Important: We recommend you check the clock after installation.

Change the Unit's ID and Chain Number for Multiple Unit Configurations ONLY 2

The Unit ID number identifies each unit within the chain. Setting the **"Unit ID"** and **"Number of Units in the Chain"** are ***required*** so Versa XS can send or receive data to/from the correct units within the chain.
Factory Setting: Unit ID Number "1" and Number of Units in Chain "1". (See Previous Page)

If you make an error during an entry, press the asterisk key (✱) to begin again.

Setup External Access Control Devices

The EL25 ***must*** have all ***external access control device*** options ***configured*** into it, before ***many*** of the other programming options can proceed. You must tell the unit "***what it's wired to***" and "***how you want the devices to behave.***" To do this you must know what a "***Door***" Number is and what a "***Relay***" is.

What is a Door Number?

A Number (1-4) ***YOU*** assign to the EL25 unit to Identify the External Access Control Devices wired to it. Up to 4 devices can be connected. Once identified, the unit will keep the ***Same Door Numbers*** in other programming. The Internal Keypad is ALWAYS Assigned to Door Number 1.

What is a Relay?

A relay is a device that reacts to an electric current to activate other devices. Allowing the EL25 to lock or unlock a door/gate, shunt (bypass) alarm contacts, signal an alarm, or turn on a camera wired to a closed-circuit television (CCTV). The relays can be programmed to 5 different modes.

The 5 Modes of Operation are:

Strike Relay: A Strike Relay controls a door or gate by unlocking or opening it. It does not control any other component associated with a system like Alarms, CCTV, etc.

Shunt Relay: A Shunt Relay is normally wired to an alarm and works with strike relays to shunt (bypass) the alarm when the door is opened with a valid access code. If the door is forced open, the system will not shunt the alarm and the alarm will be triggered.

CCTV Relay: A CCTV Relay activates the system's optional camera. The camera is wired to a closed circuit television (CCTV). A camera can be activated when an alarm condition occurs or when a resident enters a valid access code.

Alarm Relay: The Alarm Relay will activate another device, such as a siren, when 3 conditions occur. A door is opened without a valid access code, A door is open past the allotted time programmed in, or too many invalid codes are tried. Any of these will trigger the alarm relay.

Control Relay: The Control Relay can control another device such as an outdoor or indoor light near the unit. For example, you could configure the system to turn on an entry light through a darkened area after a resident enters a valid access code. Then the light would then turn off after a specified amount of time.

Configuring "YOUR" EL25

There are 3 sample configurations on page 14-16 to help you understand the 4 step process needed to setup YOUR external access control devices.

Step 1 ***Assign Each External Access Control Device to a Door Number:*** When a valid access code is entered into a external access control device, the Assigned *door's relays* will activate (See Below).

Step 2 ***Set Each Relay Mode for the Appropriate Response:*** There are ***5*** different relay modes (Previous Page). The relay mode determines what the relay will control (a door, alarm, CCTV, etc.). (Next Page)

Step 3 ***Set Each Relay's Activation Time:*** The relay time determines the amount of time the relay remains activated. For example, when a strike relay activates to unlock a door, the relay activation time determines how long the door will remain unlocked. (Next Page)

Step 4 ***Assign Each Door Number to One or More Relays:*** Defines which relays will activate when a resident presents a valid access code to an external access control device. (Next Page)

Step 1 Assign Each External Access Control Device a "Door Number": 60

To perform these 4 steps you MUST know EXACTLY where the External Access Control Device(s) were wired in "Your" EL25! When the table on page 14 is completed by you or your installer, this will help you understand "Your" personal layout. If you do not know this, DO NOT PROCEED. Consult your Installer and/or refer to the installation manual for assistance.

The EL25 can be equipped with Wiegand reader and radio frequency (RF) modules that allow your system to accommodate external access control devices such as a Wiegand-compatible card reader (keypad) and RF receiver. ***In order for the devices to work successfully, you must assign them a "Door Number".*** When a valid access code is presented to the device, the ***Assigned Door's Relays*** will activate.

Factory Setting: EL25 Keypad Always Assigned to Door 1, No Devices Assigned - 0

Important: ① through ④ must be performed for ***EACH*** external access control device of unit.

① Press [6] [0] Then [#]

② Enter External Access Control Device Number (1-4). Then (#)

Internal Keypad is ALWAYS Assigned to External Access Control Device Number 0

③ Enter External Access Control Device Type (0-2). Then (#)

0 = *Not Activated/No Device Assigned*
1 = *(Wiegand) Card Reader or Keypad Only*
2 = *RF Receiver*

Note: A "Door Number" is a number **you** assign to each external access control device.

④ Assign a Door Number (1-4) to the Device. Then (#)

Example A: [6] [0] [#] [1] [#] [2] [#] [3] [#]
① ② ③ ④

Device "1" is a Radio Receiver and Assigned as Door "3".

Example B: [6] [0] [#] [3] [#] [1] [#] [4] [#]
① ② ③ ④

Device "3" is a Card Reader or Keypad and Assigned as Door "4".

Step 2 Set Each "Relay Mode" to get the Appropriate Response: 65

There are ***5*** different relay modes. The ***Relay Mode*** determines what the response will be when a valid access code is entered (open a door, turn on an alarm, turn on a light then turn it off, turn on a CCTV, etc.).

Factory Setting: All Relays are Set at "1 - Strike"

① Press [6] [5] Then [#]

② Enter the Relay Number (1-4). Then (#)

③ Enter Relay Mode (0-5). Then (#)

Important: ① through ③ must be performed for ***EACH*** Relay assigned to the unit.

0 = *Not Used*
1 = *Strike* - controls a door/gate by unlocking/opening it.
2 = *Shunt* - bypasses the alarm under normal circumstances.
3 = *CCTV* - activates system's optional camera.
4 = *Alarm* - activates another device (siren).
5 = *Control* - controls another device (on/off light).

Example: [6] [5] [#] [2] [#] [2] [#]
① ② ③

Assigns Relay "2" as a Shunt Relay

Step 3 Set Each Relay's "Activation Time": 66

This is the amount of time (in seconds) the relay remains activated. This will define the amount of time a door cycles (unlocks, then relocks) or how long the CCTV camera remains on after being activated.

Factory Setting: All Relays are set at 10 seconds

① Press [6] [6] Then [#]

② Enter the Relay Number (1-4). Then (#)

③ Enter Activation Time (1-300 Seconds). Then (#)

Important: ① through ③ must be performed for ***EACH*** Relay assigned to the unit.

Example: [6] [6] [#] [4] [#] [3] [0] [#]
① ② ③

When Activated, the Relay Number "4" will activate for "30" seconds.

Note: A relay that controls a gate operator ***must*** be set to activate for ***2 seconds***.

Step 4 Assign "Each" Door Number to One or More Relays: 61

When a ***valid*** access code is used at an external access control device (Door), the EL25 ***can be set*** to activate one or more relays. **Factory Settings: Door 1 Activates Relay 1; Door 2 Activates Relay 2; Door 3 Activates Relay 3; Door 4 Activates Relay 4**

① Press [6] [1] Then [#]

② Enter Door Number (1-4). Then (#)

③ Enter Relays to be Activated (0000-1111). Then (#)

Important: ① through ③ must be performed for ***EACH*** Door Number assigned to the unit.

0 = *Deactivate* , ***1*** = *Activate (1st digit=Relay 4, 2nd digit=Relay 3, etc.)*

Example: [6] [1] [#] [1] [#] [0] [0] [1] [1] [#]
① ② Relay 4 Deact, Relay 3 Deact, Relay 2 Activate, Relay 1 Activate, ③

When a Resident uses a Valid Code at "Door 1", Relay "1" and Relay "2" will Activate.

"Your" Door Settings (See Tables below for reference)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)

When ***"Your Door Settings"*** or "***Door 1,2,3*** or ***4***" are referenced throughout this guide, this completed chart will outline how your EL25 system will function.

Sample: EL25 Controlling 1 Door (Page 16)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad (REX) Exit Request	Front Door	Door 1	1	Strike	Unlocks Door	10 sec.
			2	Shunt	Bypasses/Signals Alarm	40 sec.
			3	Alarm	Sounds a Siren	10 sec.
			4	CCTV	Activates Camera	10 sec.

Sample: EL25 Controlling 2 Doors and a Vehicle Gate (Page 16)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad and Postal Lock Security Light	Front Door	Door 1	1	Strike	Unlocks Door	10 sec.
			2	Control	Turns on Security light	60 sec.
Wiegand Card Reader	Back Door	Door 2	3	Strike	Unlocks Door	10 sec.
Transmitter	Gate Operator	Door 3	4	Strike	Opens Gate	10 sec.

Sample: EL25 Controlling 4 Doors (Page 17)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad	Front Door (Entrance)	Door 1	1	Strike	Unlocks Door	10 sec.
Wiegand Keypad	Front Door (Exit)	Door 2	2	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Back Door	Door 3	3	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Manager's Door	Door 4	4	Strike	Unlocks Door	10 sec.

Sample: EL25 Controlling Single Family Residence (Page 18)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad and (REX) Exit Request	Driveway	Door 1	1	Strike	Opens Vehicular Gate	10 sec.
			2	Control	Turns on Security Light	10 sec.
Wiegand Card Reader	Pedestrian Gate	Door 2	3	Strike	Unlocks Pedestrian Gate	10 sec.
CCTV	In EL25	Door 3	4	CCTV	Activates Camera	10 sec.

Sample: EL25 Controlling Multi-Resident Apartment (Page 19)

Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad	Front Door (Entrance)	Door 1	1	Strike	Unlocks Door	10 sec.
Transmitter and REX Exit Device	Vehicular Gate	Door 2	2	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Pool Gate	Door 3	3	Strike	Unlocks Door	10 sec.
Siren	Front Door (Entrance)	Door 4	4	Shunt	Bypasses/Signals Alarm	30 sec.

Your System Layout

How your system has been wired is an important part of programming it. Write down your configuration. To help visualize it, draw a map of it below. If you're unsure of your setup, consult your dealer/installer for more information.

Door Stat 1 Connection ☐ Door Sensor ***and/or*** ☐ Exit Device

Door Stat 2 Connection ☐ Door Sensor ***and/or*** ☐ Exit Device

Door Stat 3 Connection ☐ Door Sensor ***and/or*** ☐ Exit Device

Door Stat 4 Connection ☐ Door Sensor ***and/or*** ☐ Exit Device

External Access Control Device(s) connected to aux board(s)

Device 0 (Default Internal Keypad)

Device 1 _____

Device 2 _____

Device 3 _____

Device 4 _____

Relay Connections

Relay 1 _____

Relay 2 _____

Relay 3 _____

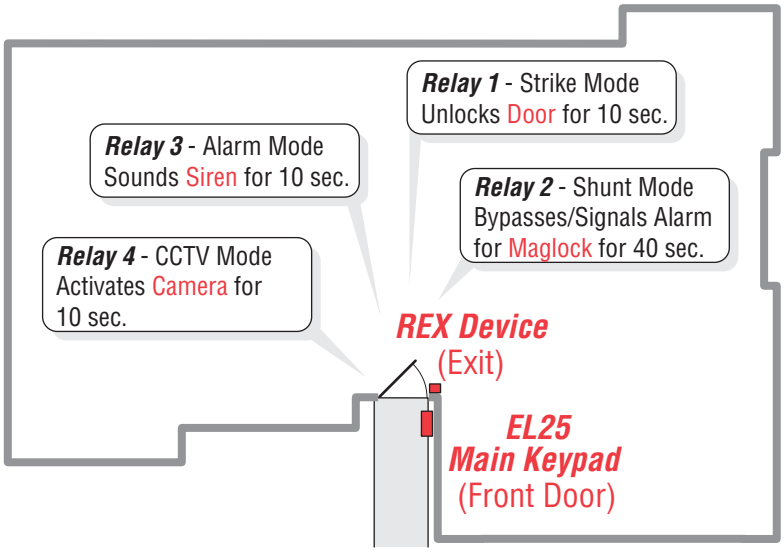
Relay 4 _____

Autocall Device ☐ Yes ☐ No

Postal Lock ☐ Yes ☐ No

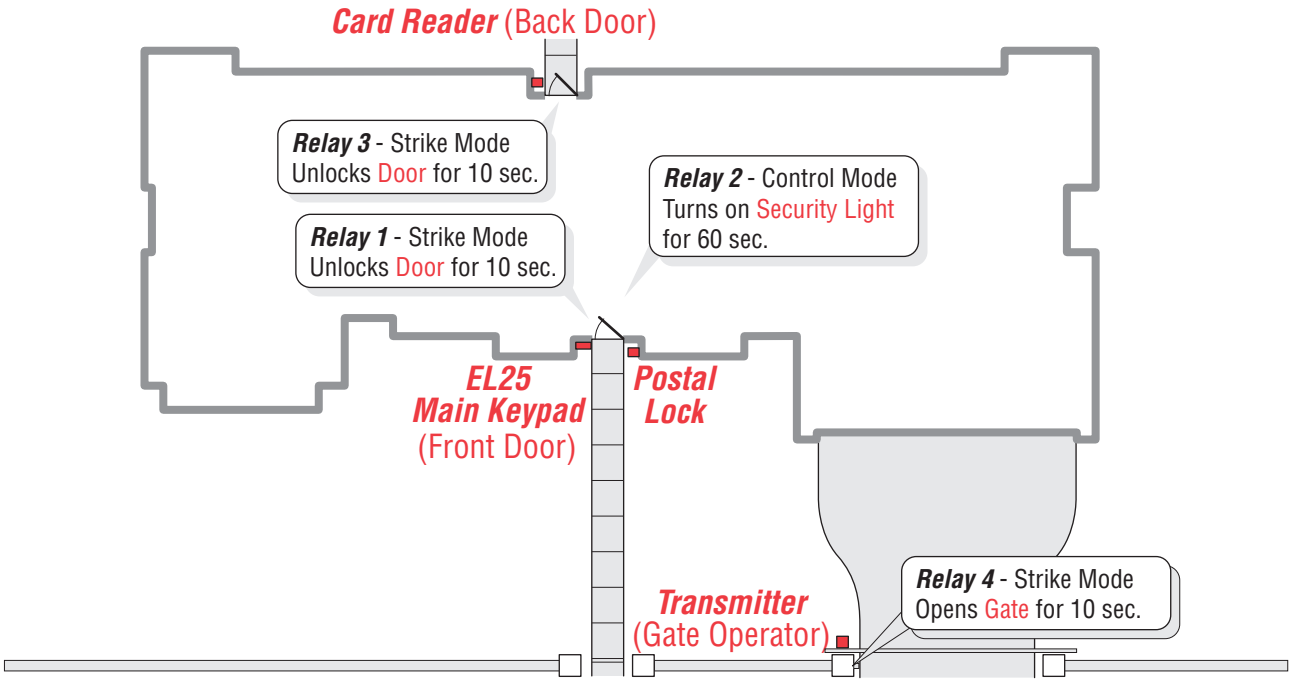
CCTV Camera ☐ Yes ☐ No

EL25 Controlling 1 Door



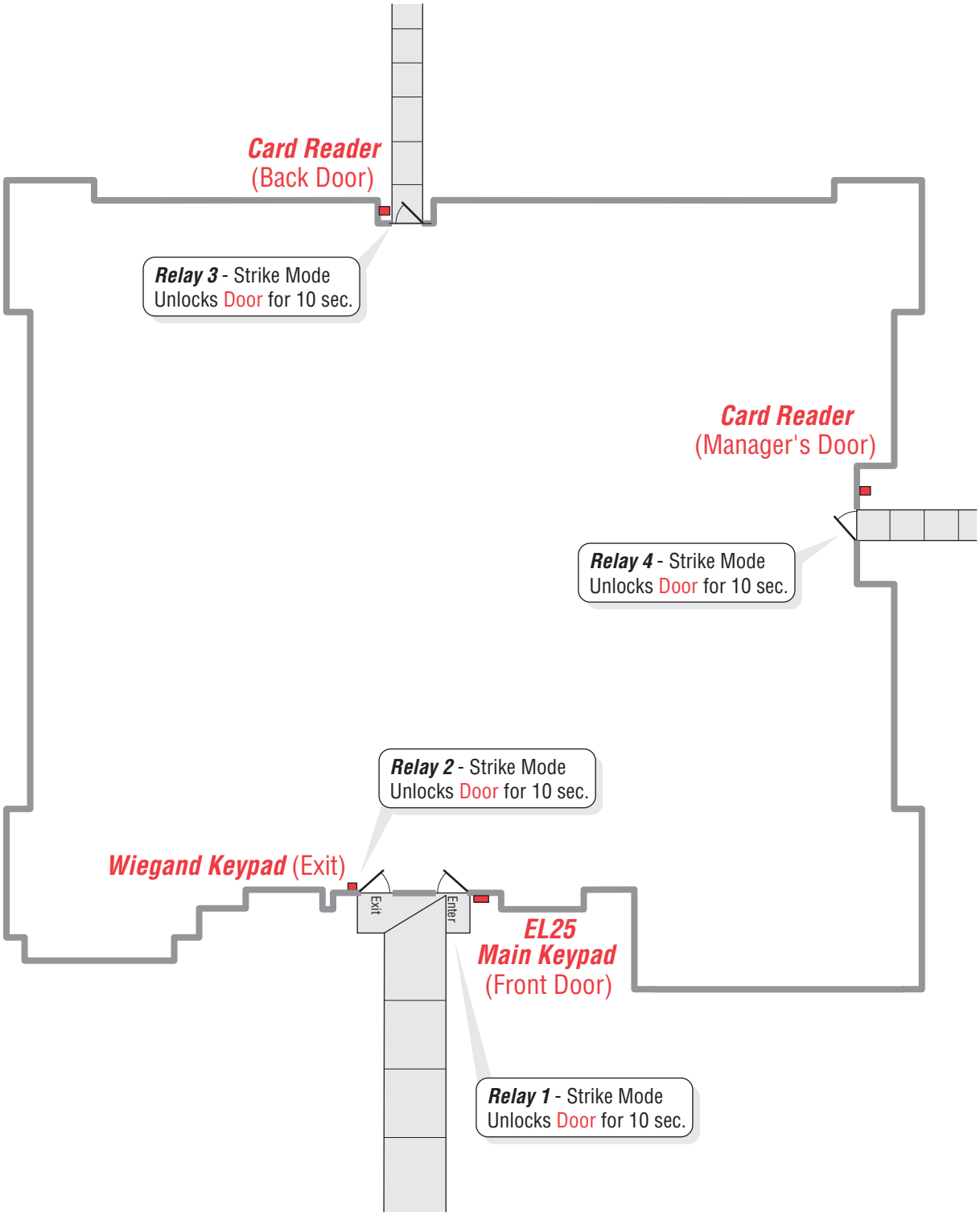
Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad (REX) Exit Request	Front Door	Door 1	1	Strike	Unlocks Door	10 sec.
			2	Shunt	Bypasses/Signals Alarm	40 sec.
			3	Alarm	Sounds a Siren	10 sec.
			4	CCTV	Activates Camera	10 sec.

EL25 Controlling 2 Doors and Vehicle Gate



Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad and Postal Lock Security Light	Front Door	Door 1	1	Strike	Unlocks Door	10 sec.
			2	Control	Turns on Security light	60 sec.
Wiegand Card Reader	Back Door	Door 2	3	Strike	Unlocks Door	10 sec.
Transmitter	Gate Operator	Door 3	4	Strike	Opens Gate	10 sec.

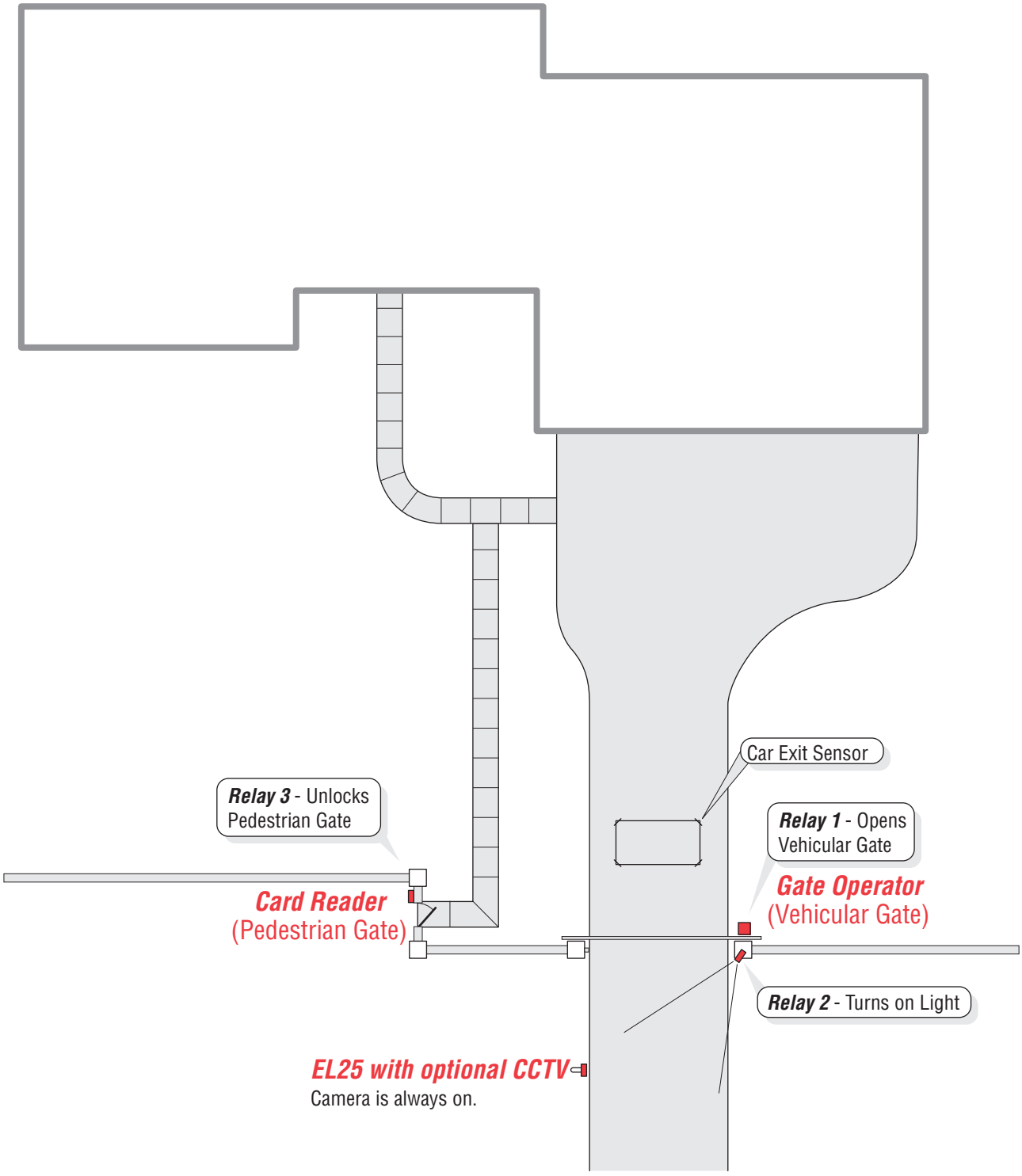
EL25 Controlling 4 Doors



Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad	Front Door (Entrance)	Door 1	1	Strike	Unlocks Door	10 sec.
Wiegand Keypad	Front Door (Exit)	Door 2	2	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Back Door	Door 3	3	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Manager's Door	Door 4	4	Strike	Unlocks Door	10 sec.

Single Family Residence

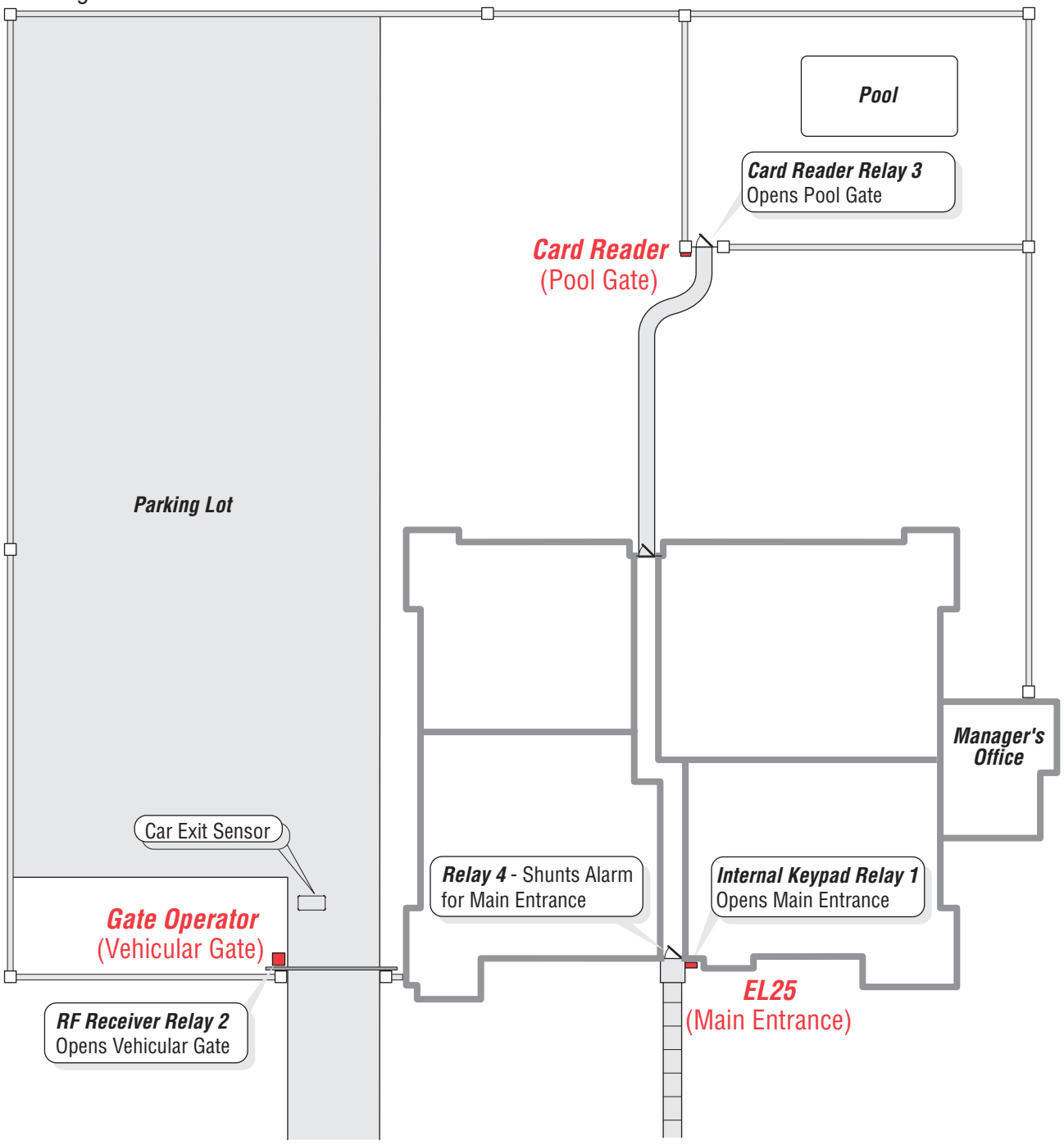
This EL25 can operate the vehicular gate with an access code or by remote control. It will allow Pedestrians entry with an Access Card. It will also open the gate automatically for exiting cars.



Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad and (REX) Exit Request	Driveway	Door 1	1	Strike	Opens Vehicular Gate	10 sec.
			2	Control	Turns on Security Light	10 sec.
Wiegand Card Reader	Pedestrian Gate	Door 2	3	Strike	Unlocks Pedestrian Gate	10 sec.
CCTV	In EL25	Door 3	4	CCTV	Activates Camera	10 sec.

Multi-Resident Complex

This EL25 can control the property with a vehicular gate operator, access card or the unit's keypad. Residents can use programmed transmitters for the parking lot, access cards for the pool or a personal entry code for the main entrance. The main entrance is equipped with a door sensor to alert management about inappropriate use. The exit sensor will automatically open the gate for exiting cars.



Device	Location	Door No.	Relay	Relay Mode	Relay Function	Relay Activation Time (Seconds)
Main Keypad	Front Door (Entrance)	Door 1	1	Strike	Unlocks Door	10 sec.
Transmitter and REX Exit Device	Vehicular Gate	Door 2	2	Strike	Unlocks Door	10 sec.
Wiegand Card Reader	Pool Gate	Door 3	3	Strike	Unlocks Door	10 sec.
Siren	Front Door (Entrance)	Door 4	4	Shunt	Bypasses/Signals Alarm	30 sec.

Entry Codes

When adding entry codes, note the following:

Each assigned Entry Code must be entered with the set amount of allowable digits (3-9). For example, if you assign "4578" as a resident's Entry Code, but the system is set for 5 digits, the visitor will have to enter "04578" to enter the building.

Add a Basic Entry Code: 50

Add an Entry Code ***ONLY***. For adding or editing full function Entry Codes (i.e., codes with additional options such as use schedules, door assignments, etc.).

① Press 5 0 Then #

② Enter Entry Code (3-9 digits). Then (#)

Note: Factory Setting for Entry Code Length is 4 digits
See ***"Entry Code Length"*** above.

Example: 5 0 # 5 4 0 0 #
(① 5 0 #) (② 5 4 0 0 #)

Adds Entry Code "5400".

Note: A basic Entry Code will be active with the current date, time and never deactivates, unlock all controlled doors, with no time constraint (i.e., can be used 24 hours a day, 7 days a week).

If you make an error during an entry, press the asterisk key (✱) to begin again.

Access Cards

When adding cards, note the following:

- If you don't add a facility code or card type, the system will assign the default. The allowable facility code range is 0-255 for 26-bit cards and 0-63 for 30-bit cards.
- When entering cards with facility codes:
  - Enter the facility codes individually when adding cards *OR*
  - Enter a default facility code. If you don't, the card will be assigned the default facility code.

Add a Basic Card: 80

This programming step allows you to add a card using the card's number. For adding or editing full function cards (i.e., cards with additional options such as use schedules, door assignments, etc.).

① Press 8 0 Then #

② Enter Card Number (1-65534). Then (#)

3 Enter Facility Code (0-63 or 0-255, depending on the card type). Then (#)

4 Enter Card Type (26 or 30). Then (#)

○ Required Step
□ Optional Step, Press (#) to Skip.

Example: 8 0 # 3 4 4 3 2 # # 3 0 #
(① 8 0 #) (② 3 4 4 3 2 #) (3 #) (4 3 0 #)

Adds card with number "34432", default Facility Code and 30-bit Card Type.

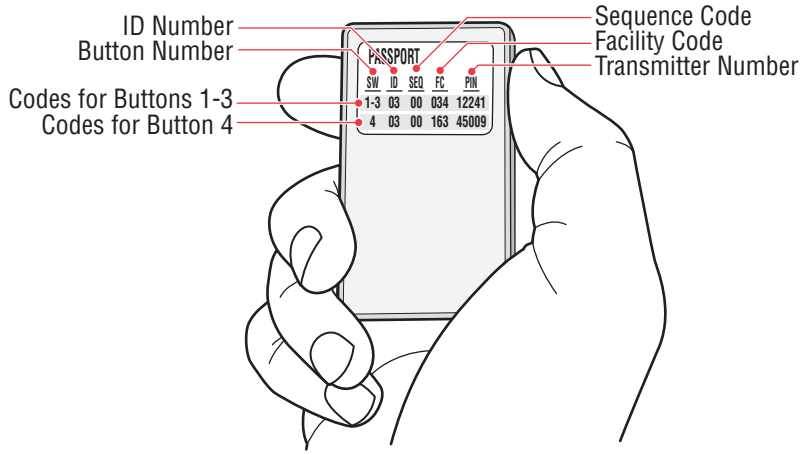
Notes: A basic card will be active with the current system time and never deactivate, unlock all doors connected to the EL25, with no time constraint (i.e., can be used 24 hours a day, 7 days a week).

For new records, if you don't add a Facility Code or Card Type, the system will add the defined default values.

Transmitters

When adding transmitter codes, note the following:

- **The label on the *back* of the transmitter displays the codes necessary to program the transmitter.**



- **To activate more than one button on a transmitter,** you must repeat all steps for each button. If you want to activate four buttons of a new transmitter, you will need to perform the Program Number **90** four times, activating each button separately.

Add a Basic Transmitter: 90

Add a ***Basic*** transmitter to the system's database. A basic transmitter will be active, unlock all doors/gates assigned to the RF module with no time constraints (i.e., can be used 24 hours a day, 7 days a week.).

① Press 9 0 Then #

② Enter Transmitter Number (1-65534). Then (#)

③ Enter Facility Code (0-255). Then (#)

④ Enter Sequence Code (0-2). Then (#)

⑤ Enter ID Number (0-26). Then (#)

⑥ Enter Button Number (1-4). Then (#)

Important: ① through ⑥ must be performed for ***EACH*** Transmitter assigned.

Example:

9 0 # 3 4 4 3 0 # 3 # 2 # 4 # 1 #

① ② ③ ④ ⑤ ⑥

Activates transmitter number “34430”, facility code “3”, sequence code “2”, ID number “4” and button “1”.

If you make an error during an entry, press the asterisk key (✱) to begin again.

Glossary

A

Access Device (RF Receiver, Card Reader, or Keypad) - A device that reads transmitter, card or entry codes, allowing the system to allow or reject entry based on the code's validity.
Access Codes - Codes that enable visitors and residents to enter a building through a controlled area. Access codes include directory codes, entry codes, cards and transmitters. An access code is associated with a specific access device. Directory codes are associated with the EL25 unit; entry codes with the unit keypad; cards with card readers; and transmitters with radio frequency (RF) receivers.
Alarms - The EL25 unit may be configured to trigger an alarm (e.g., Activate a siren and/or a warning light, etc.) when an alarm condition occurs. These conditions include a door held open too long, a door forced open, or keypad errors that exceed the maximum allowed.
Anti-Passback - The Anti-Passback feature prevents unauthorized use of entry codes, cards, and transmitters. When anti-passback is enabled, an access code will be temporarily disabled after each use, thereby prohibiting people from "passing back" their access code, card, or transmitter to unauthorized people.

B

Button Number - Refers to the number assigned to each button on a multi-button transmitter. Up to 4 buttons per remote.

C

Call Forwarding - The EL25 can be programmed to "forward" a visitor call to another location when residents are away. This feature also allows you to grant access to a visitor from a remote location.
Call Forward Control Setting - When enabled, allows the unit to use Call Forwarding with schedules.
Call Waiting (NPBI / Single Family Residence) - If the resident's phone is in use when the visitor presses the "Call" key, they will hear 2 short tones to signal that a visitor is attempting to call. They may simply switch over to the call from the visitor, let him/her in, and go back to the original call. This feature is only available for a single-family residence or a manager's phone sharing a phone line with the EL25.
Card Type - 26-Bit standard or 30-Bit.
Credential - A card, PIN or Biometric .

D

Direct Commands (NPBI / Single Family Residence) - You may send a direct command from your residence phone to activate one of four relays (i.e., to open a door). This feature is only available for a single-family residence or a manager's phone sharing a phone line with the EL25 unit.
Directory Code - Unique 1-2 digit codes that dial a corresponding telephone number in the building. The unit will dial the phone number assigned to the code.
Do Not Disturb (DnD) - The EL25 has the ability to block visitor calls during specific times. Using schedules, the feature activates and deactivates automatically.
DnD Control Setting - When enabled the unit will enforce DnD schedule, if disabled the unit will ignore DnD schedule.
DTMF phone - Dual Tone Multi Frequency (Touch-Tone Phone).

E

Entry Card - A resident presents an entry card to a card reader to gain entry into a controlled area. A card's PIN, or "Personal Identification Number", is a part of the encoded information that makes a card unique.
Entry Code - Programmable, numeric codes (3-9 digits in length) that allow entry or exit through a gate/door. Residents enter their assigned entry code onto the unit's keypad to prompt the system to grant access.

F

Facility Code - A code that allows access cards/transmitters to be associated with a facility or complex. This allows you to manage more than one complex. You may also assign a default facility code if a group of access cards/transmitters will share the same code.

Continued on next page

Glossary

G

Gate or Door - Used synonymously throughout the manual, these terms refer to controllable entry/exit areas of the complex, normally a gate or door.

H

Holiday Schedules - Holiday schedules will modify fixed schedules for selected holiday dates.

I

ID Number - One part of the number sequence on a transmitter.

M

Manager - This person manages a complex and/or programs the system.

N

NPBI system - No Phone Bill Interface. Uses main phone line like a intercom system between EL25 and the resident phone. No monthly or per call telephone charges.

P

PBX - A PBX telephone system (Automated) needs to dial a specific number (0-9) then pause briefly, allowing the PBX system to connect to an outside phone line, then the phone number can be dialed.
PIN Code - Personal Identification Number predefined for a HID card or Transmitter.
Programming Number - This is a number that the EL25 uses to program a function. Each number performs a specific task.

R

Radio Frequency (RF) and Wiegand Module - Each RF module is an RF receiver that is compatible with Chamberlain Passport™ transmitters. Each Wiegand module provides Wiegand inputs for two card readers or other compatible devices.
Relay - A device that responds to an electric current by activating other devices, allowing the system, for example, to lock or unlock a door/gate, shunt (i.e., reroute) alarm contacts, signal an alarm, or turn on a camera that transmits its images to a closed circuited television (CCTV).
Resident - Person occupying and/or who has entry access to the building or complex that is controlled by a EL25 unit. The term “resident” as used in the context of the manual refers to such persons as homeowners, tenants of an apartment complex, etc.

S

Schedules - You can restrict the use of access codes/transmitters by setting limits on the days and times they may be used. Schedules may also be assigned to doors to restrict residents from gaining access to the building.
Sequence Code - One part of the number sequence of a transmitter.

T

Telco Mode - Uses the main telephone line for the unit's communications to a house or complex.
Transaction - System activity logged and recorded into the EL25's memory. Such activity includes visitor to resident directory calls and transmitter, card, or code activity.
Transmitter - A resident-activated clicker device used to gain entry into a controlled area.

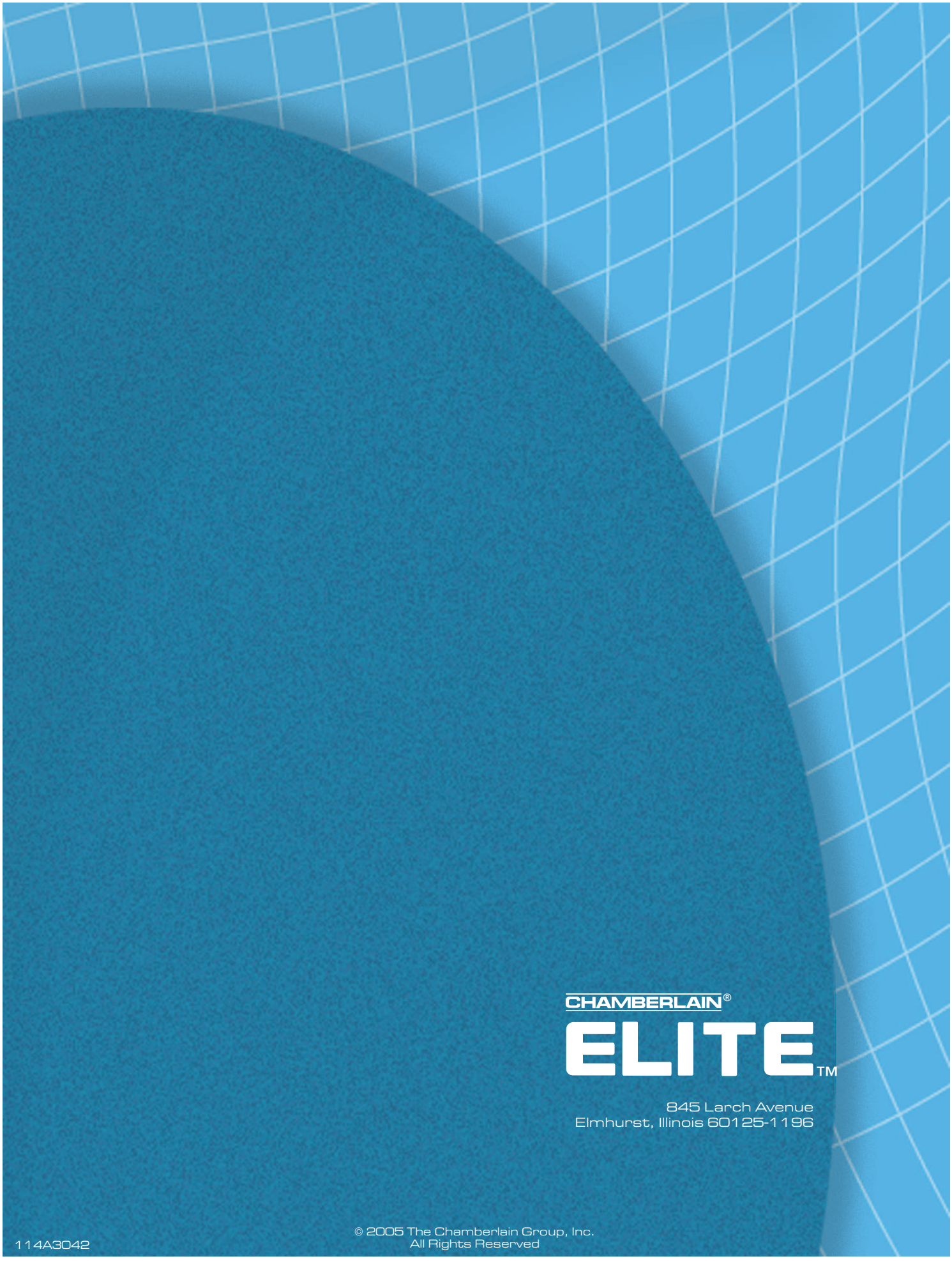
U

Unit - The unit houses the EL25's core components. All system programming will be routed to the EL25.
Unit ID Code - Identification number for each unit in a multiple unit setup sharing the same phone line.

V

Versa XS - The software to program the EL25 with.
Visitor - A visitor can communicate with residents via the EL25. A resident can grant or deny a visitor access with their touch tone phone.

Appendix



845 Larch Avenue
Elmhurst, Illinois 60125-1196

114A3042