

Non-QED

- Must learn in the serial number by faulting the device.
- Requires TWO Faults and Restores to learn in

ZONE ASSIGNMENT/ALARM REPORT CODES, etc. (*56)

Enter Zn Num.
(00=Quit) 20

Zone 20 entered ↑

Zn ZT - RC In: L
20 09 - 10 RF: -

↓ Zone Number

20 Zone Type
Perimeter 03

Zone Type ↑

20 Report Code
1st 00 2nd 00 00

20 Input Device
RF Trans. RF:

20 Learn S/N ?
0=No 1=Yes 0

TRANSMIT NOW

TYPICAL DISPLAY

Zn ZT - RC In: L
20 03 - 3C RF: 2

Accepted Input (Loop) Number ↑

Program Alpha?
0=No 1=Yes 0

ZONE ASSIGNMENT/ALARM REPORT CODES (and RF Input ID Learning for 5800 System)
REFER TO THE ZONE ASSIGNMENT TABLE FOR THIS FIELD ON THE CENTERFOLD PROGRAMMING FORM

This field is used to program zone numbers, zone types, alarm and report codes, and to identify the type of loop input device. This field can also be used for "learning" 5800 series transmitter ID codes and for entering alpha descriptors for zones.

Zone Number (Zn): Upon entering field *56, enter the zone number that you wish to program (or [0][0] to leave zone programming).

Press [*]. A summary display will come up, showing the status of that zone's program.

If it is programmed satisfactorily, press [*] to back up one step and enter another zone number, if desired.

If the zone is not programmed, or you want to change it, press [*]. A prompt for Zone Type will appear.

Zone Type (ZT): Each zone must be assigned to a zone type, which defines the way in which the system responds to faults in that zone. Enter the zone type code (or change it, if necessary). Zone types are defined below.

When the display shows the zone type you want, press [*] to advance to...

Report Code (RC): The report code consists of 2 hexadecimal digits, each in turn consisting of 2 numerical digits. For example, for a report code of "3C", enter [0][3] for "3" and [1][2] for "C". Enter the numbers and press [*] to advance to...

Input Device (In): For the hard wired zones of the VISTA-10 (HW), and the zones for a 5700 system's transmitters (RF), the Input Device types are automatically assigned (Panic, Duress, and Tamper inputs are not applicable).

For a 5800 system's transmitters, "RF" is initially displayed, but should be changed to "UR" (Unsupervised RF, enter 4) for units that can be carried off-premises (e.g., No. 5801), or to "BR" (Button type RF, enter 5) for small transmitters that cannot be supervised (e.g., Nos. 5802, 5802CP, 5803). Check the instructions that come with the transmitter for the proper input. When all is okay, press [*] to advance to...

Learning RF Input (L): Applicable to a 5800 system only.

Note: Where a "Yes-No" is asked by the console, pressing the [*] or [0] for No is equivalent.

This request will be to learn the transmitter input's ID code. (The ID codes can be learned here or via field *83.)

If "yes" is selected, open and close (or close and open), or press and release the particular input to the transmitter twice. After the first time, a single short beep will occur. After the second time, two short beeps will mean that the control has accepted that transmitter into the system.

Because of the characteristics of the receiver, allow about 8 seconds between transmissions from button units (e.g., 5802, 5802CP, 5803). If a long beep occurs, it means that the particular transmitter input has previously been registered to the system.

The display will revert to the summary line, with the accepted input (loop) number under the "L" in the display.

Mark the zone number on the transmitter.

If all is okay, press [*].

Custom Alpha Editing: For all zone types, the next request is to enter alpha descriptors for the zones. The entry may be done now (enter 1) or may be done at a later time via field *82 (enter 0).

See the ALPHA DESCRIPTION ENTRIES section on page 29.

QED

- Program Tool Added
- Loop # Programming
- Manual Serial Entry Mode
- Requires ONE Fault and restore to Learn in serial number
- On the second fault and restore it will learn Show you a confirmation Screen.
- Displays an 'S' by the Loop # to show it learned in serial number.

**INTRODUCING...
The New ADEMCO QED (Quick Enrollment of Devices)
Improved Wireless Zone Programming Mode**

ADEMCO's new QED mode changes the way in which wireless zones are enrolled into the security system. This addendum summarizes the operational differences between the previous method of programming and the new, improved method. It also includes a zone worksheet to be used when enrolling transmitters sequentially, as well as a transmitter loop identification sheet.

***56 Zone Programming Mode**

PREVIOUS METHOD	NEW METHOD	BENEFIT
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> ENTER ZN NUM. (00 = QUIT 10) </div> <p><i>Enter Zone Programming directly.</i></p>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> PROGRAM TOOL? 0 = NO, 1 = YES 0 </div> <p><i>Option to use Program Tool.</i></p>	<ul style="list-style-type: none"> The upper left-hand and right-hand buttons on the tool are used to duplicate the [*] and [#] keypad programming functions. Can be used later to enroll transmitters sequentially (*83 mode).
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 10 INPUT TYPE RF TRANS. RF </div> <p><i>Did not need to program loop number--went right into enrollment procedure.</i></p>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 10 INPUT DEV: LP# RF TRANS. RF :1 </div> <p><i>Need to program loop number (default is loop 1). *</i></p>	<ul style="list-style-type: none"> Increases reliability of install--creates less margin for error in programmed vs. installed loops. Facilitates future product enhancements such as pre-programmed configurations.
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 10 LEARN S/N? 0 = NO, 1 = YES 0 </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> 10 TRANSMIT NOW Axxx-xxxx </div> <p><i>Can manually activate device or enter serial and loop numbers through the keypad. If manually activating, requires consecutive open/close transmissions to enroll. Advances automatically to Summary screen.</i></p>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 00 INPUT S/N: L Axxx-xxxx </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> 10 INPUT S/N: L A002-4064 1 </div> <p><i>Can manually activate device or enter serial and loop numbers through the keypad. If manually activating, requires one open or close transmission to enroll.</i></p>	<ul style="list-style-type: none"> Convenient keypad entry when working alone prevents having to run back and forth to transmit from hard-to-reach devices.
	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 10 CONFIRMED A022-4064 1 </div> <p><i>Optional acknowledgement before advancing to Summary screen.</i></p>	<ul style="list-style-type: none"> Confirms that loop programmed agrees with loop activated. Can test and re-test by activating transmitter numerous times before advancing.
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> ZN ZT RC IN:L 10 03 00 RF:1 </div> <p><i>Summary screen appears showing the loop number of the device that has been enrolled.</i></p>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> ZN ZT RC IN:L 10 03 00 RF:1 s </div> <p><i>Summary screen appears with an "s" in lower righthand corner to indicate that device is enrolled.</i></p>	

* Entry of loop number is required during Zone Programming.

E2

Summary of Changes:

Enhanced Q56 Zone Programming Mode

- Combined transmitter Serial number and Loop number entries on one screen.
- Provided the ability to enter transmitter serial number, loop number, and confirmation in one step by transmitting multiple times.
- Added a message to indicate that you are in a Confirmation Mode.
- Added the ability to copy the serial number from a previously entered zone (for multiple zone transmitters), and then edit the loop number.
- Added the ability to edit and delete a serial number at the input serial number prompt.
- Removed the use of a 'Program Tool' for programming transmitters

Added Q58 Expert Programming Mode

The new Expert Mode allows you to:

- Program zone attributes on a single screen.
- Copy zone attributes from the last zone saved.
- Copy a serial number from the last serial number saved.
- Edit and delete a serial number at the input serial number prompt.
- Enroll wireless keys using pre-defined default templates.

Removed *83 Sequential Mode From System

*56 Zone Programming (Revised)

Note: Before proceeding, you must program field *22 (RF System) and field *25 (Wired Zone Expansion) as required.

In the programming mode, key *56.

SET TO CONFIRM? 0 = NO 1 = YES 0	1. This display will appear upon entry into *56 mode. The default is 0 (No). If 1 (Yes) is entered, you will be prompted to confirm each transmitter after entering the serial and loop numbers (at the "XMIT TO CONFIRM" prompt later in this procedure).
Enter Zn Num. (00 = Quit) 10 Zone 10 entered ↑	2. Zone Number (Zn): Enter the zone number that you wish to program. Press [*] to continue.
Zn ZT P RC In: L 10 00 1 10 RF: - ↓ Zone Number	3. A summary display appears, showing the status of that zone's programming. Note: The summary will only display partition (P) number if your control panel has partitions. Press [*] to continue.
10 Zone Type Perimeter 03 Zone Type ↑	4. Zone Type (ZT): Enter the Zone Type response (or change it, if necessary). Refer to your Installation Instructions for zone types available. Note: If "00" is entered, "Delete Zone ?" will be displayed. After entering the Zone Type, press [*] to continue.
10 Partition 1	5. Partition No. (P): Enter the Partition number (if applicable to your control panel). Partition 1 is shown entered. Press [*] to continue.
10 Report Code 1st 01 2nd 00 10	6. Report Code (RC): Enter the report code. This consists of 2 hexadecimal digits, each in turn consisting of 2 numerical digits. For example, for a report code of "10", enter 01 and 00. Refer to the System Communication section of your Installation Instructions for more information about report codes and report code formats.



It should be noted that report codes are factory defaulted to "10" for use with CID reporting.

10 INPUT TYPE RF TRANS 3	7. Enter Input Device type (In). <i>Used for Input Type entry.</i> 2 = AW (Aux wired zone), 3 = RF (supervised RF transmitter, 4 = UR (unsupervised RF transmitter), 5 = Button type RF transmitter (unsupervised). Note: For the built-in hardwired zones, the Input Device type is automatically displayed as HW and cannot be edited. Response time entry (RT) will be available for hardwired zones 1–8 on Vista-20SE series. Press [*] to continue.
10 INPUT S/N: L A022-4064 1	8. Serial Number Entry and Loop Number Entry. <i>Used only when enrolling wireless transmitters.</i> <ol style="list-style-type: none"> Transmit two open and close (or close and open) sequences. For a button-type transmitter, press and release the button, wait approximately 4 seconds, then press and release the button a second time. OR Manually enter the 7-digit serial number printed on a label on the transmitter, using the Alpha keypad. Then press the [*] key — the cursor will move to the "L" position. You can edit the loop number, if necessary. When the loop number is acceptable, press [*]. OR Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops).

Note: The "A" and "B" keys may be used to move the cursor to the right (A) or left (B) within the serial number field, thus allowing you to correct any entry errors that may have been made.

```
10 INPUT S/N   L
A022-4064     ?
```

The cursor will then move to the Loop column (L) with the previous serial number displayed, and display a highlighted question (?) mark for the loop number.

Enter the loop number and press [*].

The system will then check for a duplicate serial/loop number combination.

If a duplicate serial/loop number combination is found, the keypad will emit a single long beep, and prompt with a "?" again for a different loop entry.

If serial/loop number combination is not a duplicate in the system, a display showing the serial number and loop number entry will appear.

Press [*] to continue.

```
10 INPUT S/N   L
A022-4064     1
```

```
XMIT TO CONFIRM
PRESS * TO SKIP
```

9. **Confirmation Option:** *This prompt will only appear if you answered "Yes" in step 1.*

The system will enter a confirmation mode so that the operation of the actual programmed input can be confirmed. Activate the loop input or button that corresponds to this zone.

**If Serial Numbers →
do not match after
activating the
transmitter**

If the serial number/loop number combination transmitted does not match the serial number entered, a display similar to the one below will appear.

```
Entd A022-4063 2
Rcvd A022-4064 2
```

If so, activate the loop input or button on the transmitter once again. If a match is not obtained (i.e., summary display does not appear), press the [#] key twice and then enter or transmit the correct serial number again.

To Delete a Serial No. →

To delete an existing serial number, enter "0" in the loop number field. The serial number will change to "0"s.

```
10 INPUT S/N:   L
A000-0000     0
```

If "0" was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display.

```
Zn ZT P RC In: L
10 03 1 10 RF: 1s
```

If the serial number transmitted matches the serial number entered, the keypad will beep 3 times and a summary display will appear, showing that zone's programming. Note that an "s" indicates that a transmitter's serial number has been enrolled.

Press [*] to accept the zone information and display the "PROGRAM ALPHA?" prompt.

```
PROGRAM ALPHA?
0 = NO  1 = YES  0
```

10. If you want to program alpha descriptors for zones now, enter 1 (Yes). If not, enter 0 (No).

Refer to the *Alpha Descriptor Programming* section in your Installation Instructions for information on programming zone descriptors.

```
ENTER ZN NUM.
(00 = QUIT)  11
```

11. If "No" is entered above, the system will return you to the "ENTER ZN NUM." prompt for the next zone.

When all zones have been programmed, enter "00" to quit.



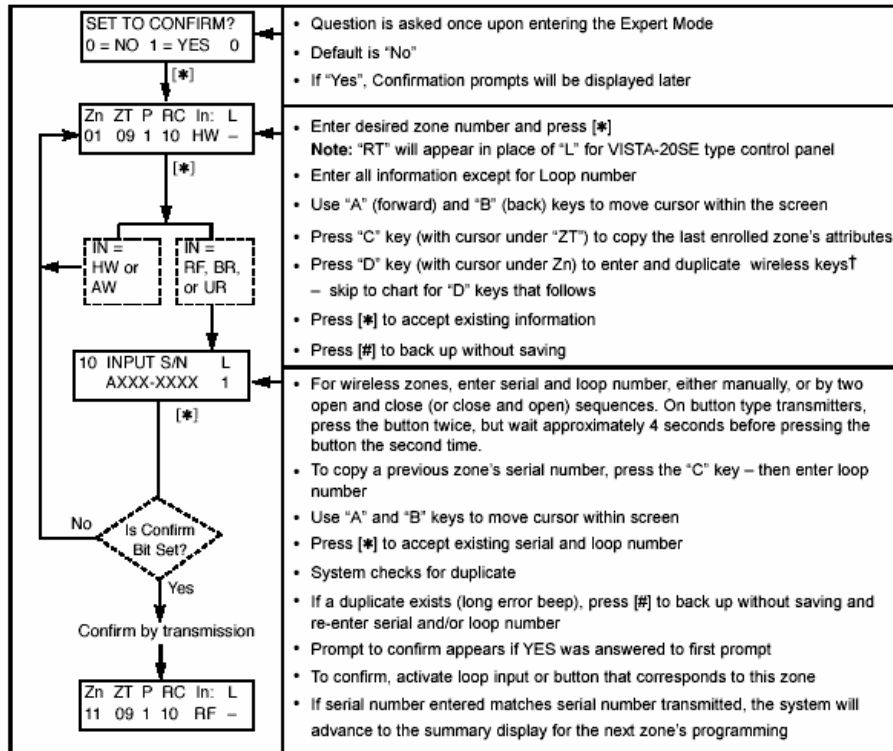
When you have finished programming all zones, test each zone using the system's TEST mode. **Do not use the Transmitter ID Sniffer Mode for checking wireless transmitting devices,** as it will only check for transmission of one zone on a particular transmitter, NOT the zones assigned to each additional loop.

NOTE: Following the successful enrollment of each wireless device, remove ONE of the serial number labels from the device and affix it in the appropriate column on the worksheet on page 9; then enter the other information (zone number, loop number, zone type, etc.) relevant to that device.

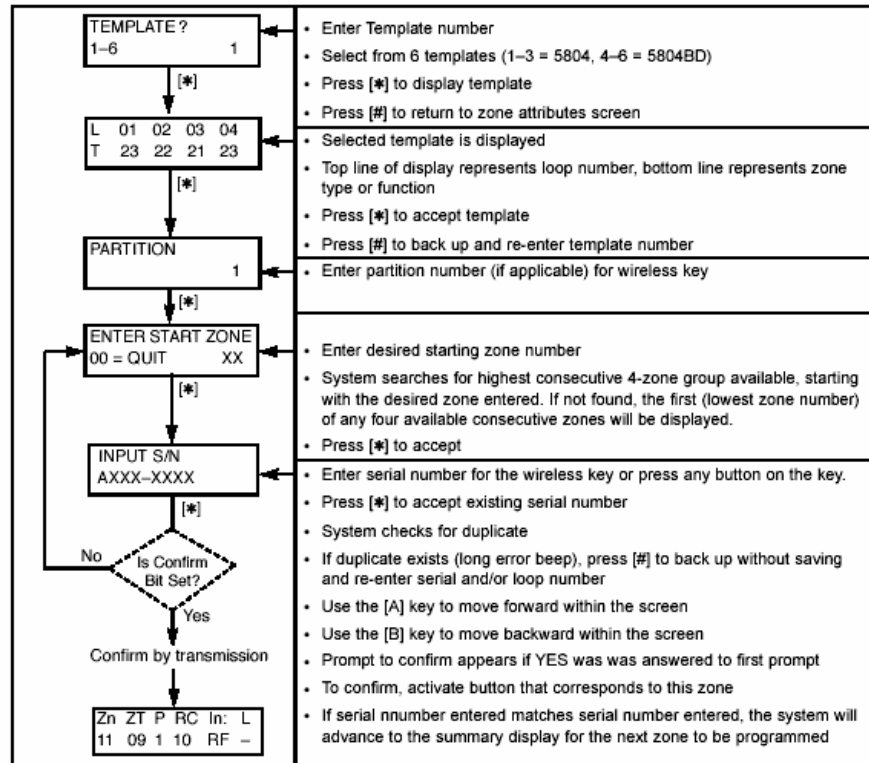
See the following pages for Expert Mode —

Summary of Expert Mode (*58)

The following is a summary of the Expert Mode in the form of a flow chart.
Step-by-step instructions for the Expert Mode start on the next page.



† If the "D" key is pressed, the following screens will appear:



***58 Expert Programming Mode**
(Step-By-Step Procedure)

This method is designed for use by installers with previous experience in programming *Ademco* control panels. Enter the program mode and follow the step-by-step instructions that follow.

Note: Before proceeding, you must program field *22 (RF System) and field *25 (Wired Zone Expansion) as required.

SET TO CONFIRM?
0 = NO 1 = YES 0

"RT" displayed here for VISTA 20SE

Zn ZT P RC In: L
01 09 1 10 HW: -

Zn ZT P RC In: L
1_ - - - -: -

Zn ZT P RC In: L
10 00 1 10 RF: 1

10 INPUT S/N: L
A XXX-XXXX -

10 INPUT S/N: L
A022-4064 1

1. **Key *58.** This display will appear upon entry into this mode. The default is 0 (No).
If 1 (Yes) is entered, you will be prompted to confirm each transmitter after entering the serial and loop numbers (see "XMIT TO CONFIRM" prompt on the next page).
- A summary screen will appear, showing zone "1"'s current programming or default values.
2. If you want to use a Template to enter a wireless key, press the [D] key and go to the instructions on the following page under the title "Entering and Duplicating Wireless Keys." When the [D] key is pressed, a special prompt will be displayed which offers a series of default templates for wireless keys. Otherwise, enter the first digit of the zone number to be programmed, as shown at left.
3. Enter the 2nd digit of the zone number to be programmed (in the example on the left, zone 10 has been entered). The display will show that zone's current programming. Press [*] to continue.
4. The attributes for the zone must now be entered, **Zone Type [ZT], Partition [P]** if applicable, **Report Code [RC]** and **Input Device Type [In]** *.
If desired, you can use the [C] key to copy the attributes and/or serial No. from the last enrolled zone (assuming you have previously enrolled at least one zone), or you can enter the attributes manually as follows:
Enter Zone Type (ZT), Partition (P) if applicable, Report Code (RC), and Input Device Type (In)* sequentially, but not the Loop No. (L).
Use the [A] (Advance) and [B] (Back) keys on the keypad to move the cursor within the screen.
5. Press [*] if the existing information is acceptable. If not, you can press the [#] key to back up without saving, and make any necessary changes.
6. **Serial Number Entry and Loop Number Entry.**
Used only when enrolling wireless transmitters.
 - a. Transmit two open and close (or close and open) sequences. For a button-type transmitter, press and release the button, wait approximately 4 seconds, then press and release the button a second time.
OR
 - b. Manually enter the 7-digit serial number printed on a label on the transmitter, using the Alpha keypad. Then press the [*] key — the cursor will move to the "L". You can edit the loop number, if necessary. When the loop number is acceptable, press [*].
OR
 - c. Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops).
7. Press [*] to advance to the loop number, then enter loop number.
8. Press [*] To accept the existing serial and loop number. If necessary, press [#] to back up and re-enter or edit the serial number before pressing [*] to save.
The system checks for duplicate. If a duplicate exists, a long error beep will sound.
Press [#] to backup and re-enter the serial and/or loop number.

To Delete a Serial No. →

To delete an existing serial number, enter "0" in the loop number field. The serial number will change to "0"s.

```
10 INPUT S/N: L
A000-0000 0
```

If "0" was entered in error, simply re-enter the loop number, and the serial number will return to the display. Press [*] to accept.

```
10 XMIT TO CONFIRM
PRESS * TO SKIP
```

```
Entd A022-4063 2
Rcvd A022-4064 2
```

```
Zn ZT P RC In: L
11 00 1 10 RF: -
```

9. **The prompt to confirm appears.** *This prompt will only appear if you answered "Yes" in step 1.* To confirm, activate the loop input or button that corresponds to this zone.

If the serial/loop number combination transmitted **does not** match the serial and loop number entered, a display similar to the one at left will appear. If so, activate the transmitter's loop input or button one or more times. If a match is still not obtained (i.e., summary display does not appear), press the [#] key and enter the correct loop input or, if correct, press [#] again and then enter the correct serial number.

If the serial number transmitted **matches** the serial number entered, the system will beep 3 times and advance to the summary display for the next zone's programming.

NOTE: Following the successful enrollment of each wireless device, remove ONE of the serial number labels from the device and affix it in the appropriate column on the worksheet on page 9; then enter the other information (zone number, loop number, zone type, etc.) relevant to that device.

Entering and Duplicating Wireless Keys

If the D key was previously pressed to enter and duplicate 5804 and/or 5804BD wireless keys, the following screens will appear:

```
TEMPLATE ?
1-6 1
```

L = Loop No.

```
L 01 02 03 04
T 23 22 21 23
```

T = Zone Type

```
PARTITION
1
```

```
ENTER START ZONE
00 = QUIT 22
```

Example of zone ↑
suggested by the
system. This indicates
that zones 22, 23, 24,
& 25 are available.

1. Enter Template number (1–6).
1–3 = 5804 templates; 4–6 = 5804BD templates. See the defaults provided for each template in the chart that follows these procedures.
2. Select from templates. Press [*] to display template (1 shown selected). **Note:** If necessary, press [#] to back up and re-enter template number.
3. Press [#] if you want to return to zone attributes screen.
4. When [*] is pressed, the selected template will be displayed.
Top line of display represents loop numbers, bottom line represents zone type assigned for each zone.
5. Press [*] to accept template.
6. Enter Partition number (if applicable) for wireless keys.
Press [*] to continue.
7. The system will search for the highest available, consecutive 4-zone group, (the four zones required for the 5804 and 5804BD), and display the lowest zone number of the group.
If you want to start at a different zone, enter the zone desired, and press [*].
If that zone number is displayed, the system has the required number of consecutive zones available, beginning with the zone you entered. If not, the system will again display a suggested zone that can be used.
If the required number of consecutive zones is not available at all, the system will display "00".
8. Press [*] to accept.

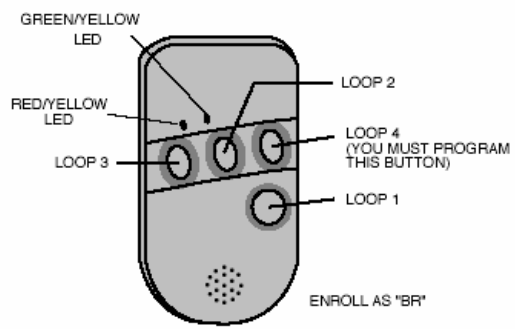
INPUT S/N L
 AXXX-XXXX -

XMIT TO CONFIRM
 PRESS * TO SKIP

Entd A022-4063 -
 Rcvd A022-4064 1

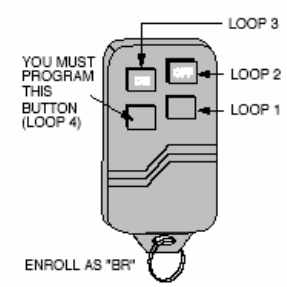
9. Press and release a button on the wireless key.
OR
Enter the serial number printed on its label.
10. Press [*] to accept the serial number. The system will check for duplicate.
11. If necessary, press the [#] key to back up without saving, and re-enter the serial number.
Use the [A] key to move forward within the screen, and the [B] key to move backward.
12. If "Yes" was entered at the SET TO CONFIRM prompt previously (see first prompt following entry into the *58 Expert Programming Mode), the display on the left will appear.
Confirm serial and loop numbers by activating the wireless key .
13. **If the serial number transmitted matches the serial number entered**, the keypad will beep 3 times and you will then be returned to step 6 to enter the starting zone for the next wireless key.
If the serial number transmitted does not match the serial number entered, a display similar to the one at the left will appear.
If so, activate the loop input or button on the transmitter once again. If a match is not obtained, press the [#] key and then enter the correct serial number.

NOTE: Following the successful enrollment of each wireless device, remove ONE of the serial number labels from the device and affix it in the appropriate column on the worksheet on page 9; then enter the other information (zone numbers, loop numbers, zone types, etc.) relevant to zones for that device.



5804BD 2-Way Wireless Key Transmitter

Note:
These transmitters are not intended for use in UL installations.



5804 Wireless Key Transmitter

Wireless Key Pre-Defined Default Templates

For 5804				For 5804BD			
TEMPLATE 1	Loop	Function	Zone Type	TEMPLATE 4	Loop	Function	Zone Type
	1	No Response	23		1	No Response	23
	2	Disarm	22		2	No Response	23
	3	Arm Away	21		3	Arm Away	21
	4	No Response	23		4	Disarm	22
TEMPLATE 2	Loop	Function	Zone Type	TEMPLATE 5	Loop	Function	Zone Type
	1	No Response	23		1	No Response	23
	2	Disarm	22		2	Arm Stay	20
	3	Arm Away	21		3	Arm Away	21
	4	Arm Stay	20		4	Disarm	22
TEMPLATE 3	Loop	Function	Zone Type	TEMPLATE 6	Loop	Function	Zone Type
	1	24-hour Panic	07		1	24-hour Panic	07
	2	Disarm	22		2	Arm Stay	20
	3	Arm Away	21		3	Arm Away	21
	4	Arm Stay	20		4	Disarm	22