ADDENDUM TO: **VISTA-100 Installation Instructions**

NEW "QED" DEVICE ENROLLMENT PROCEDURE FOR 5800 SERIES TRANSMITTERS AND SERIAL NUMBER POLLING LOOP DEVICES

This addendum describes the new procedure for "enrolling" 5800 series transmitters or serial number polling-loop devices into the system. There are two methods of enrolling:

- Enrolling Through Zone Programming
- Enrolling Through Sequential Mode

The Enrolling Through Zone Programming procedure describes how to enroll each wireless transmitter or serial number polling-loop devices into the system as you are entering the zone information. The Enrolling Through Sequential Mode procedure describes how to enroll all the wireless transmitters and/or polling-loop devices into the system *after all zone information has been entered.* Use these procedures in place of the procedures described in the Installation Instructions.

As an option, the new enroll modes allow you to use a 5803 or 5804 **button-type** transmitter as a "program tool." The program tool:

- is used for enrolling 5800 series RF wireless or serial number polling loop devices
- duplicates the [✱] and [#] key programming functions (left program tool button = ✱, right = #). You can move to the physical location of the transmitter to be enrolled, press the upper left-hand button of the program tool, and then trip the intended transmitter.
- can also be used as a transmitter in the system. If you plan to use an existing transmitter, it must first be enrolled into the system as its associated zones. You may then program it as the tool.

An alpha keypad is required for the following procedures.

ENROLLING THROUGH ZONE PROGRAMMING (#93)

1. Enter Programming mode [**Installer Code**] + **8** + **0** + **0** + **0**. Enter Zone Programming by pressing **#93**. If the system has been set up to use 5800 series RF, and a program tool has already been entered, skip to step 4. If no program tool has been entered, the following prompt will appear:

PROGRAM TOOL?
0 = NO, 1 = YES 0

2. If a program tool is being used, enter "1." If not using a tool, enter "0" and skip to Step 4.

010 INPUT S/N: L
Axxx-xxxx

3. If "1" is entered, the system will prompt for the unit's serial number. Enter the program tool's serial number using one of the following methods:

   a) Enter the 7-digit serial number for the transmitter

   or

   b) Press any button on the transmitter. The keypad should beep three times and display the serial number of the tool.

010 PROG AS BR: 3
A123-4567 3

In this example, the serial number is A123-4567. Once enrolled, the upper left-hand button of the program tool can be pressed to ready the system for enrolling a device into the system.

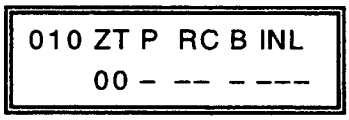
The serial number for the program tool will only remain in the system until the programming mode is exited. (Entering ✱97 will not delete the tool.)

Press [✱] to continue or press the [#] key to back the system up to the "PROGRAM TOOL ? " prompt.

ENTER ZN NO.
000 = QUIT 010

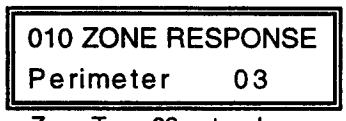
Zone 010 entered ↑

4. Enter the zone number that you wish to program. As an example, zone 010 is shown here. Press [✱] to continue.



5. A display will appear, showing a summary of that zone's programming. If the zone is not programmed, the display will appear as shown here. If checking a zone's programming, and it is programmed satisfactorily, press [#] to back up one step and enter another zone number, if desired. Otherwise, press [✱] to continue.

↓ Zone Number



Zone Type 03 entry shown

6. Each zone must be assigned a zone type, which defines the way in which the system responds to faults in that zone. Enter the zone type desired (or change it, if necessary). Available zone types are listed below.

00 = Assign For Unused Zones
01 = Entry/Exit #1, Burglary
02 = Entry/Exit #2, Burglary
03 = Perimeter, Burglary
04 = Interior Follower, Burglary
05 = Trouble Day/Alarm Night
06 = 24 Hr Silent
07 = 24 Hr Audible
08 = 24 Hr Aux
09 = Fire
10 = Interior Delay, Burglary
20 = Arm–Stay†
21 = Arm Away†
22 = Disarm†
23 = No Alarm Response
(EX: Relay activation)

† These are special zone of types used with 5800 series wireless push-button units which will result in arming the system in the STAY or AWAY mode, or disarming of the system, depending on the selection made.

Press [✱] to continue.

7. Enter the partition number you are assigning this zone to.

Press [✱] to continue.

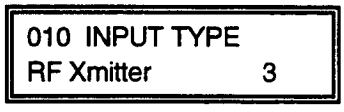
8. Enter the report code. The report code consists of 2 hexadecimal digits, each in turn consisting of 2 numerical digits. For example, for a report code of "3C", enter [0][3] for "3" and [1][2] for "C."

(Refer to *System Communication* section in the applicable Installation Instructions for more information about report codes and report code formats.)

Press [✱] to continue.

9. Enter a desired bell relay code between 0 (no active bell) and 7 (all bells active.

Press [✱] to continue.



10. Enter the RF transmitter or serial number polling loop input device type as follows:

3 = RF (supervised RF transmitter)
4 = UR (unsupervised RF transmitter)
5 = BR (button type RF transmitter - unsupervised)
6 = SL (serial polling device)

(Refer to the Installation Instructions for more information about input types.)

Press [✱] to continue.

010 LOOP # 1

11. The cursor should now be flashing on the loop number. The default is "1." To accept this, press [*]. If a different loop number is being used on this device, enter the loop number (1-4) and press [*] to continue (see the loop designations for various RF transmitters on page 8 of this addendum). **The loop number must be entered here, whether using Zone Programming or Sequential Mode to "enroll" serial numbers.** If you want to delete the serial number, enter "0" and press [*]. The system will then prompt, "DELETE S/N?" Press the "1" (YES) key to complete the delete sequence. This process deletes the serial number only, ***not*** the loop number. The assumption is that the proper loop number was programmed, but the wrong serial number was enrolled.

010 LEARN S/N? 1 = YES, 0 = NO 1

12. If the device's serial number has not been previously "enrolled," you may enter the enrollment mode now by either entering "1" (YES) ***or*** by pressing the upper left-hand button of the program tool. **If using the program tool, move to the physical location of the device to be enrolled before pressing the button.** A single short beep will verify that the button has been pressed. The system will respond to the first serial number transmitted after the "1" key on the keypad or the button of the program tool is pressed. Enter "0" (NO) to enroll later. (If "0" is entered, go to step 15.)

010 INPUT S/N Axxx-xxxx

13. This prompt is displayed if "1" (YES) is entered in response to the "Learn S/N?" prompt. The serial number may be enrolled by one of two methods:

    a) Enter the 7-digit serial number printed on the device using an alpha keypad

    or

    b) Activate the device by faulting ***or*** restoring the input you wish to use for that zone (e.g., press a button, open or close a door, etc.).

010 INPUT S/N A022-4064

The system will enroll the serial number of the first device heard.

If the serial and loop number combination is already present in the system, the keypad will sound a single long beep and display the word "DUPLICATE" along with the serial number, and the number of the zone containing the serial/loop number combination.

14. The system will then enter an optional 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. **We recommend that you confirm the programming of every device before proceeding to the next zone.**

010 CONFIRM RF:1 A022-4064 1

When the system sees activity on the appropriate input, it will beep three times and display the confirmation message.

At any time during this step, you may press the [*] key on the keypad or the upper left-hand button of the program tool if you are satisfied with the serial and loop number combination that has been enrolled, regardless of whether or not the enrolled input has been "confirmed."

If the incorrect device has been enrolled, press the [#] key on the keypad or upper right-hand button on the program tool to delete the serial number and return to the "LEARN S/N" prompt. A single long beep will be heard from the keypad to verify pressing of the upper right-hand button. Then, press "1" (Yes) or press the upper left-hand button of the program tool (a single short beep will verify the system is ready for enrolling) and re-activate the proper device loop input.

010 ZT P RC B INL
s 03 2 3C 0 RF1

15. The summary screen for the zone will appear. Note that an "s" indicates that a serial number has, in fact, been enrolled. Press [*] to accept the zone information.

    If you want to delete the serial number, press [#]. This will bring you back to step 9. Press [*] to change input type, loop number, and serial number.

When you have finished programming all zones, test each using the system's TEST mode. Do not use the Transmitter ID Sniffer mode for this, as it will only check for transmission of one zone on a particular transmitter, NOT the zones assigned to each additional loop, and will not verify polling loop type zones.

ENROLLING THROUGH SEQUENTIAL MODE (#93)

(Use this mode only after all other zone information has been programmed, including transmitter loop numbers).

To enroll devices **sequentially**, ***after*** all other zone information has been programmed, do the following:

1. Enter Programming mode [**Installer Code**] + **8** + **0** + **0** + **0** on an alpha keypad. Enter Sequential mode by pressing **#93.** Press **0** repeatedly until the "SEQUENTIAL LEARN" prompt is displayed. Enter "1" to enroll a device's serial number. The following prompt will appear:

PROGRAM TOOL?
0 = NO, 1 = YES 0

2. If using a program tool, enter "1." If not using a tool, enter "0." If a tool has already been programmed, this prompt will not appear. If either not using a tool or one has already been programmed, skip to step 4.

000 INPUT S/N: L
Axxx-xxxx

3. If "1" is entered, the system will prompt for the unit's serial number. Enter the program tool's serial number using one of the following methods:

   a) Enter the 7-digit serial number printed on the transmitter

   or

   b) Press any button on the transmitter. The keypad should beep three times and display the serial number of the tool.

010 PROG AS BR:3 A123-4567 3

In this example, the serial number is A123-4567. Once enrolled, the upper left-hand button of the program tool can be pressed to ready the system for enrolling a device into the system.

The serial number for the program tool will only remain in the system until the programming mode is exited. (Entering ✱97 will not delete the tool.)

Press [✱] to continue.

Pressing the [#] key on the keypad will cause the system to back up to the "PROGRAM TOOL ?" prompt.

TECHNOLOGY TYPE WIRELESS 0

Default ↑

4. Enter the type of device(s) to be enrolled as follows:

0 = Wireless (Default)
1 = Polling Loop
2 = Both

Press [✱] to continue.

ENTER ZN NO. (000 = QUIT) 010

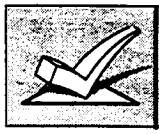
Zone Number Entered ↑

5. Enter the first zone number to be enrolled (e.g., zone 010).

Press [✱] to continue.

The system will, starting with this zone number, search for the first device which has ***all*** of the following attributes pre-programmed in Zone Programming:

a) An input type of RF, UR, BR, or SL (if serial polling loop devices enabled) programmed
b) A loop number programmed
c) No serial number programmed



If the first zone number entered does ***not*** have one or more of the above attributes, the system will search its database for the first zone that does and will display it on the next screen.

010 INPUT S/N Axxx xxxx

6. This prompt is displayed when the system has found the next zone which needs to be enrolled. The system will respond to the first serial number transmitted. A serial number may be enrolled by one of two methods:

a) Enter the 7-digit serial number printed on the device.

or

b) Activate the device by faulting or restoring the input you wish to use for that zone (e.g., press a button, open or close a door, etc.).

If you do ***not*** wish to enroll the zone displayed, press the # key on the keypad or the upper right-hand button on the program tool (a long beep will be heard to verify). The following prompt will appear:

```
010 LEARN S/N?
0 = NO, 1 = YES  0
```

To enroll now, enter "1" (YES). If "0" (NO) is entered, the following prompt will appear:

```
ENTER ZN NUM.
(000 = QUIT)  010
```

Zone Number Entered ↑

Enter the next zone number to be enrolled (e.g., zone 010). The system will search for that zone and will display the prompt shown in the beginning of step 5. If you wish to exit the enrollment mode completely, enter **000** and press [*].

```
010  INPUT S/N
  A 022-4064
```

↑
Serial #

The system will enroll the first serial number heard, display the serial numbers, and cause the keypad to beep twice.

If the serial and loop number combination is already present in the system, the keypad will sound a single long beep and display the word "DUPLICATE" along with the serial number, and the number of the zone containing the serial/loop number combination.

7. The system will then enter an optional 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. **We recommend that you confirm the programming of every device before proceeding to the next zone.**

```
010 CONFIRMED  SL:1
A022-4064        1
```

When the system sees activity on the appropriate input, it will beep three times and display the confirmation message. Press [*] or the upper left-hand button of the program tool when you are ready to enroll the next serial number device.

At any time during this step, you may press the [*] key on the keypad or the upper left-hand button of the program tool if you are satisfied with the serial and loop number combination that has been enrolled, regardless of whether or not the enrolled input has been "confirmed." This will ready the system to enroll the next serial number device.

If the incorrect device has been enrolled, press the [#] key on the keypad or the upper right-hand button of the program tool to delete the serial number and return to the "LEARN S/N" prompt. A single long beep will be heard from the keypad to verify pressing of the upper right-hand button. Then, press "1" (Yes) or press the upper left-hand button of the program tool (a single short beep will verify the system is ready for enrolling) and re-activate the proper device or device loop input.

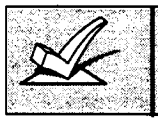
8. The system will search for the next zone that does not have a serial number associated with it. If one is found, the system will return to step 6 and display the "INPUT S/N" prompt for the remaining zones.

After all zones have been displayed, whether enrolled or not, the "ENTER ZN NO." prompt will appear. Enter "000" to exit the Sequential mode and return to data field programming mode.

When you have finished programming all zones, test each using the system's TEST mode. Do not use the Transmitter ID Sniffer mode for this, as it will only check for transmission of one zone on a particular transmitter, NOT the zones assigned to each additional loop, and will NOT verify polling loop type.

RF SERIAL NUMBER CLEAR MODE (#93)

This mode may be used in the event that an undesired transmitter has been enrolled during sequential enrolling, causing each subsequent serial number to be assigned to an incorrect zone. Performing this operation will delete all RF serial numbers, leaving all other zone information intact. You may then return to Sequential mode to re-enroll wireless transmitters.



The RF Serial Number Clear mode will *not* delete polling loop serial numbers.

To clear all RF wireless serial numbers, do the following:

1. Enter Programming mode **[Installer Code] + 8 + 0 + 0 + 0** on an alpha keypad. Enter RF Serial Number Clear mode by pressing **#93.** Press **"0"** repeatedly until the "CLEAR RF SERIAL #?" prompt is displayed as follows:

CLEAR RF SERIAL#?
1 = YES, 0 = NO 0

2. Enter **"1"** to clear all RF wireless serial numbers. The "ARE YOU SURE?" prompt is displayed as follows:

ARE YOU SURE?
1 = YES, 0 = NO 0

3. Enter "1" to clear all RF serial numbers. Re-enter the Sequential mode to enroll wireless transmitters.

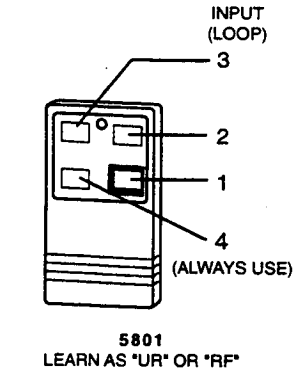
5800 Series Transmitter Input Loop Identification

- All of the transmitters illustrated below have one or more unique factory assigned input (loop) ID codes. *Each of the inputs requires its own programming zone* (e.g., a 5803's three inputs require three programming zones).
- Transmitter inputs entered as:

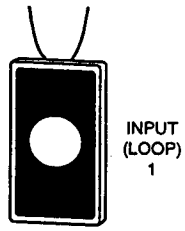
  "RF" (Supervised RF) Type send periodic check-in signals, as well as fault, restore and low battery signals. The transmitter must remain within the receiver's range.

  "UR" (Unsupervised RF) Type send all the signals that the "RF" Type does, but the control does not supervise the check-in signals. The transmitter may, therefore, be carried off-premises.

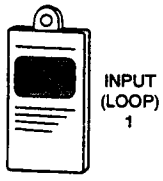
  "BR" (Unsupervised Button RF) Type only send fault signals. They do not send restore, check-in, or automatic low battery signals. The transmitter may be carried off-premises.



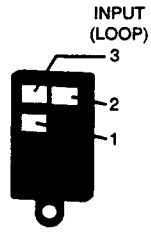
5801
LEARN AS "UR" OR "RF"



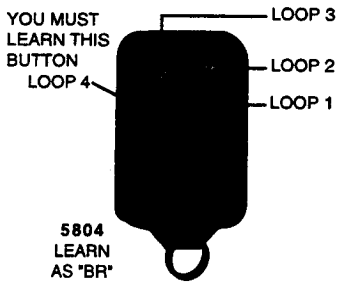
5802/5802CP
LEARN AS "BR"



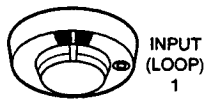
5802MN
LEARN AS "UR" OR "RF"



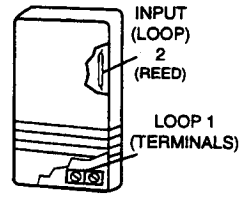
5803
LEARN AS "BR"



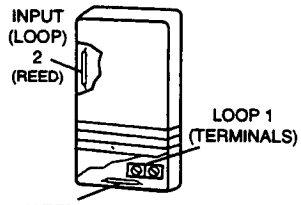
5804
LEARN AS "BR"



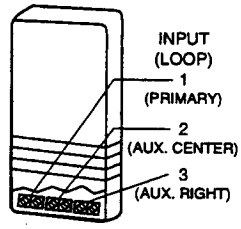
5806/5807/5808
(5806 SHOWN)
LEARN AS "RF"



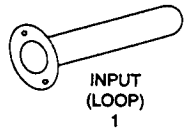
5816
LEARN AS "RF"



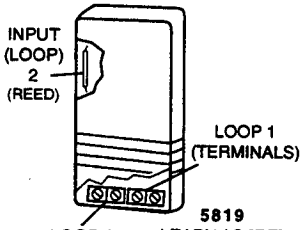
5816MN
LEARN AS "RF"



5817
LEARN AS "RF"



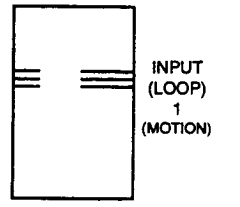
5818
LEARN AS "RF"



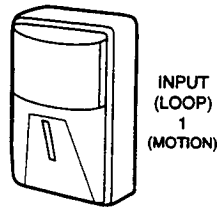
5819
LEARN AS "RF"

5827
SET HOUSE CODE

5827BD
SET HOUSE CODE



5849
LEARN AS "RF"



5890
LEARN AS "RF"

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