

Section 20. USING *83 SEQUENTIAL MODE

Use *83 Sequential mode when a wireless transmitter is to be physically added, removed, or simply changed (as when replacing a unit that has a non-removable battery).

By using this mode, you can add, delete, or change the serial number of a transmitter in a zone, but retain all other existing data that has been programmed for that zone.

Certain button type transmitters have more than one button (e.g., 5801). Note that each button must be assigned to a different zone. Similarly, the 5816 transmitter has contact terminals *and* a reed switch for use with a magnet. If using both, each must also be assigned to a different zone.

This means that the procedures that follow must be repeated for each button or contact on the transmitter.

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

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

1. Enter Programming mode [Installer Code] + 8 + 0 + 0 on an alpha keypad. Enter Serial Number Sequential mode by pressing *83. The following prompt will be displayed.

NOTE: See the *ZONE PROGRAMMING* section for an explanation of the programming tool.

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.

00 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 twice and display the serial number of the tool.

00 INPUT S/N: L
A123-4567 3

In this example, the serial number is A123-4567. Once enrolled, you can use the program tool to ready the system for enrolling a transmitter's serial number by first pressing the upper left-hand button of the program tool, then activating the desired transmitter (see procedure at the "LEARN S/N?" prompt).

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.

Press the [#] key on the keypad to back up to the "PROGRAM TOOL?" prompt.

ENTER ZN NUM.
(00 = QUIT) 10

Zone Number Entered ↑

4. Enter the first zone number to be enrolled (e.g., zone 10).

Press [*] to continue.

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


- a) An input type of RF, UR, or BR 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.

10 INPUT S/N: L
Axxx xxxx

- 5. 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 after the [#] key on the keypad is pressed. A serial number may be enrolled by one of two methods:
 - a) Enter the 7 digit serial number printed on the transmitter
 - or
 - b) Activate the transmitter 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:

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

To enroll now, enter "1" (YES). If "0" (NO) is entered, the following prompt will appear if a program tool has already been programmed:

ENTER ZN NUM.
(00 = QUIT) 12


Zone Number Entered ↑

Enter the next zone number to be enrolled (e.g., zone 12). 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 enroll mode completely, enter 00 and press [#].

10 INPUT S/N:L
A 022-4064 3

↑ ↑
Serial # Loop #

The system will enroll the serial number of the first transmitter heard, add the loop number entered to this serial number, display the serial and loop numbers, and cause the keypad to beep twice.



If the serial and loop number combination is already present in the system, a single long beep will be heard from the keypad. If this happens, the system will not display the serial number, but will wait for a transmission from another transmitter or transmitter loop input.

- 6. 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 transmitter before proceeding to the next zone.**

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 to when you are ready to enroll the next transmitter.



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 transmitter.

If the incorrect transmitter 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 transmitter or transmitter loop input.

7. The system will search for the next zone that does not have a serial number associated with it. If one is found, the prompt in step 5, along with the appropriate zone number, will be displayed. Follow steps 5 and 6 for the remaining wireless zones.

When the last zone has been enrolled, the display will remain on that zone. To exit this mode and return to data field program mode, press [*].



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, and NOT the zones assigned to each additional loop.