

Troubleshooting Guide

Z Systems

Changing and Adding User Codes:

Z700, Z880, Z900, Z950

Step 1 – The system must be disarmed

Step 2 – Press the 9 key and hold it for 3 seconds. The keypad will beep 3 times.

Step 3 – Enter the Master code. The keypad will beep 2 times. The READY and ARMED lights will blink alternately and the other lights will blink in sequence with each other when the programming mode is successfully entered.

Step 4 – **Z700, Z900 and Z920** Press a key 1-6 (user 5 is duress) which corresponds to the user code you wish to program, then #. **Z800 and Z950** Press a key 1-8 (user 7 is duress) which corresponds to the user code you wish to program, then #.

For example: press 1# to change the Master code or the 4# to program the user code 4. The keypad will beep 3 times to signify acceptance.

Step 5 – Enter the desired new 4 digit code. After the fourth digit is entered, the keypad will omit one short beep followed by one long beep then the system will exit the programming mode automatically. To program another code, return to step 2.

DO NOT DELETE USER # 1!

*To delete a code press key 9 and hold for 3 seconds. The keypad will beep three times. Enter the master code. The keypad will beep two times. **Z800 and Z950** Press key 1, then key 2, then # key. **Z700, Z900, Z920** Press Key 1, then key 0, then # key. The keypad will beep three times to signify acceptance. Enter the number of the code 2-6 to be deleted.*

Z1100 or CT61

Step 1 – The system must be disarmed.

Step 2 – Press the PROGRAM (9) key and enter the Master Program code (98765). The keypad will beep 4 times.

Step 3 – Press the number corresponding to the user code you wish to program. The Keypad will beep 3 times.

For example: press the 1 to program user 1, press the 2 to program user 2, etc.

Step 4 – Press 1. This is a mandatory system entry and does not become part of your user code.

Step 5 – Enter the desired new 3-5 digit code. If less than 5 digits in code use 0's at the end (example 12300). The system will beep 3 times to signify the acceptance. The system will exit the programming mode automatically.

**Note: To Arm/Disarm the Z1100 or CT61 the 1 key (Arm) is pressed followed by the user code.*

Z1100e

Step 1 – The system must be disarmed

Step 2 – Press the PROGRAM (9) key then enter the Master Programming Code (98765). The keypad will beep two times.

Step 3 – Press the number corresponding to the user code you wish to program the press the # key. The keypad will beep three times to signify acceptance.

Step 4 – Enter 3-5 digits for the new code. If less than 5 digits in code use 0's at the end (example 12300). After the fifth digit is entered, the keypad will emit one short beep followed by one long beep then the system will exit the programming mode automatically.

To delete a code press the PROGRAM (9) key then enter the master programming code. The keypad will beep two times. Press the [2] [2] [#] which instructs the control that you wish to delete a code. The keypad will beep three times to signify acceptance. Enter the number of the code to be deleted. This number must be two digits.

**** Note: To arm/disarm these systems the 1 key (arm) is pressed followed by the user code.**

Activating the Chime Mode:

Z700, Z800, Z900, Z920, Z950

The system must be disarmed. Press the 6 key and hold it for three seconds. The keypad will beep 3 times to signify the chime has been turned on. Do the same thing to turn the chime off.

Z1100, CT61, Z1100e

The system must be disarmed. Press the 6 key followed by the user code. (All codes are 3-5 digits long. Do not include the 1 which is the arm/disarm button.)

Identifying Service or Trouble Conditions:

Z700, Z880, Z900, Z950

If the TROUBLE light is lit, press and hold the 2 key for three seconds. The keypad will beep three times and one or more zone lights will be lit to indicate the nature of the Trouble condition as explained below

Zones	Problems
1	Loss of AC Power
2	Low Battery/Blown Fuse
3	Supervisory Trouble
4	Fail to Communicate
5	Memory Error
6	Missing Keypad
Alarm light	Chime On
Ready light	Interior
Armed light	Delay Off

Additional Keypad Functions:

Z700, Z880, Z900, Z920, Z950

- Key #3 **Alarm Memory:** Pressing & holding this key for three seconds will obtain a display identifying the zone or zones that caused the last alarm condition.
- Key #4 **Interior On/Off:** All interior defined zones may be bypassed by pressing & holding the number 4 key for three seconds. The corresponding interior defined zone LED's will then blink to indicate that they are bypassed. These zones are returned to operation by repeating the process. The keypad will beep three times whenever this feature is turned on or off to notify the user of system acceptance.
- Key #5 **Delay On/Off:** Press and hold 5 key for three seconds, keypad beeps multiple times. The exit and entry delays are disabled. When user code is entered there is no count down, armed light is lit immediately. **Note: If interior is to be disabled (see #4) it must be done before disabling delay.*
- Key #6 **Chime:** Press & holding this key for three seconds will activate the chime.
- Key #7 **Smoke Detector Reset and Manual Battery Test:** Press & hold for three seconds the keypad will beep three times and after ten seconds the smoke detector will reset. It will also perform a Battery Test.
- Key #8 **Test:** Press & hold this key for three seconds to enter the sensor test mode.

Key #9 **Program:** Used to enter the programming mode.

Key * **Reset:** Used to clear improper key entries and to clear alarm memory display. To clear alarm memory press * then user code.

Key # **Zone Bypassing:** Zones may be bypassed easily by pressing the # followed by the zone number of the zone to be bypassed. Pressing # then 9 will remove all of the bypasses.

Keypad Lights:

Z1100 or CT61

Lights	Indication
Power	On – The system is using electrical power. Off – The system is using the stand-by battery. Blinking – Stand-by Battery is low.
Ready	On – All zones are secure. Off – One or more zones are open. Blinking – One or more zones are bypassed. Part of the building is unprotected.
Armed	On – The system is armed. Off – The system is disarmed. Blinking – An alarm has occurred. Information is in Alarm Memory.
Interior On	On – The interior (motion sensor) is protected when the system is armed.
Interior Off	On – The interior (motion sensor) is unprotected when the system is armed.
Delay On	On – You have a time delay to leave thru any zone & enter thru a delay zone when system is armed.
Delay Off	On – Entrance time delay is cancelled. If the system is armed, entrance through or violation of any burglary zone will cause an immediate alarm.
Instant	On – Entrance through any door will cause immediate alarm when the system is armed.
Fire	On – A fire alarm has occurred. Off – The system is operating normally. Blinking – A fire zone is in trouble and should be reset.

Z1100e

Lights	Indication
Power	On – The system is using electrical power. Off – The system is using the stand-by battery. Blinking – Low battery or blown fuse.
Ready To Arm	On – All zones are secure. Off – One or more zones are open. Blinking – One or more zones are bypassed.
Armed	On – The system is armed. Off – The system is disarmed. Blinking – An alarm has occurred.
Interior On	On – The interior is protected when the system is armed. Blinking – The control attempted to communicate with central station but failed.
Interior Off	On - The interior is unprotected when the system is armed. Blinking – The medical alarm has been activated.
Delay On	On – You have a time delay to leave thru a delay zone & enter thru a delay zone when armed. Blinking – A memory error has occurred.
Delay Off	On – Entrance time delay is canceled. If the system is armed, entrance through or violation of

any burglary zone will cause an immediate alarm.
Blinking – An auxiliary “C” Medical alarm has been activated.

Auxiliary

On – A fire alarm has been activated.

Off – A fire alarm is operating normally.

Blinking – The system has detected a supervisory/trouble alert condition from one or more zones and should be reset.

Keypad “Function” Buttons:

Z1100, Z1100e, CT61

- Key #1 Arms or disarms system.
- Key #2 Checks zone status. Shows open or bypassed zones.
- Key #3 **Alarm memory** – Shows cause of last alarm.
- Key #4 **Interior On/Off** – Used to change interior status (motion detectors or inside doors).
- Key #5 **Delay On/Off** – Used to set system delay or instant mode.
- Key #6 **Day Monitor** – Set the chime function on or off.
- Key #7 Smoke reset or battery test.
- Key #8 **System Test** – Walk test doors/Windows and motion sensors.
- Key #9 **Program** – Used to change user codes.
- Key * **Clear/Reset** – Clears erroneous entries to keypad.
- Key # **Bypass/Shunt** – Used to bypass zones.

Press the “FUNCTION” button followed by the user code to perform the function.

EX. 1-xxxx arms or disarms system. The user code may be 3, 4 or 5 digits long.