

WIRELESS INTERIOR SIREN (WIS) Plastic Enclosure - MODEL #60-091

The ITI Wireless Interior Siren has not been investigated by Underwriters Laboratories.

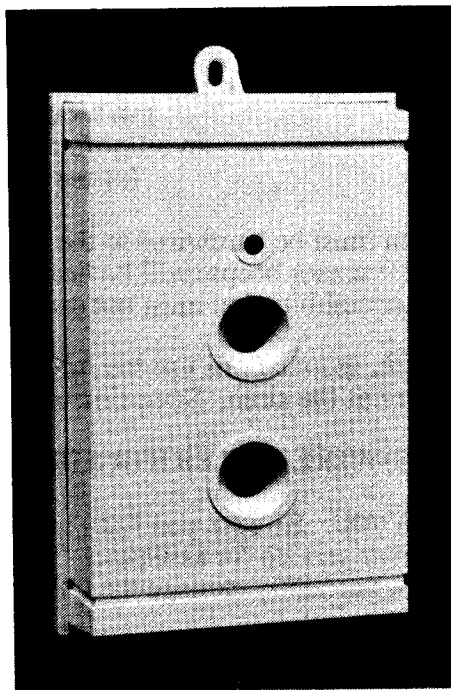
OVERVIEW

The Wireless Interior Siren (WIS) is used as a siren/annunciator in areas of the house where the CPU's siren and status sounds need to be heard. Any number can be installed and no wiring to the CPU is required. They are simply plugged into a live, NON-SWITCHED, 110V AC wall outlet. The WIS receives its signals from the CPU over the AC power line in the house. The WIS will not work during a power failure, however, any hardwired sirens will work.

PROGRAMMING THE WIS

Programming the WIS is similar to programming other devices except that there are more options to consider. WIS programming requirements are:

- Setting the proper CARRIER CURRENT CHANNEL
- Setting the proper HOUSE CODE



UNDERSTANDING HOUSE CODE AND CARRIER CURRENT CHANNEL

The HOUSE CODE (HC) applies to all equipment in the installation, including the CPU, transmitters and the Wireless Interior Sirens. The HOUSE CODE must be identical on all components in order to work properly. The CARRIER CURRENT CHANNEL (CCC) is used only by the CPU and the Wireless Interior Sirens. Both must be programmed with the same CARRIER CURRENT CHANNEL and the same HOUSE CODE.

The CPU powers up with a CARRIER CURRENT CHANNEL of "0". It can be changed to 1, 2 or 3. The HOUSE CODE can also be set to 0, 1, 2 or 3. Together that makes 16 combinations. Typically, with the CCC preset to "0" you will set your CCC and HC to 00, 01, 02 or 03, where the first digit is the CCC and the second digit is the HC.

If you install more than four systems in close proximity to each other, then it will be necessary to use a CCC other than "0".

SETTING THE CARRIER CURRENT CHANNEL & HOUSE CODE

To program the WIS, it is necessary to push down, then slide the cover open where indicated. This will expose the programming switch block.

Switches 1 and 2 are used to program the HOUSE CODE. Switches 3 and 4 are used to program the CARRIER CURRENT CHANNEL. Switches 5-8 are not used.

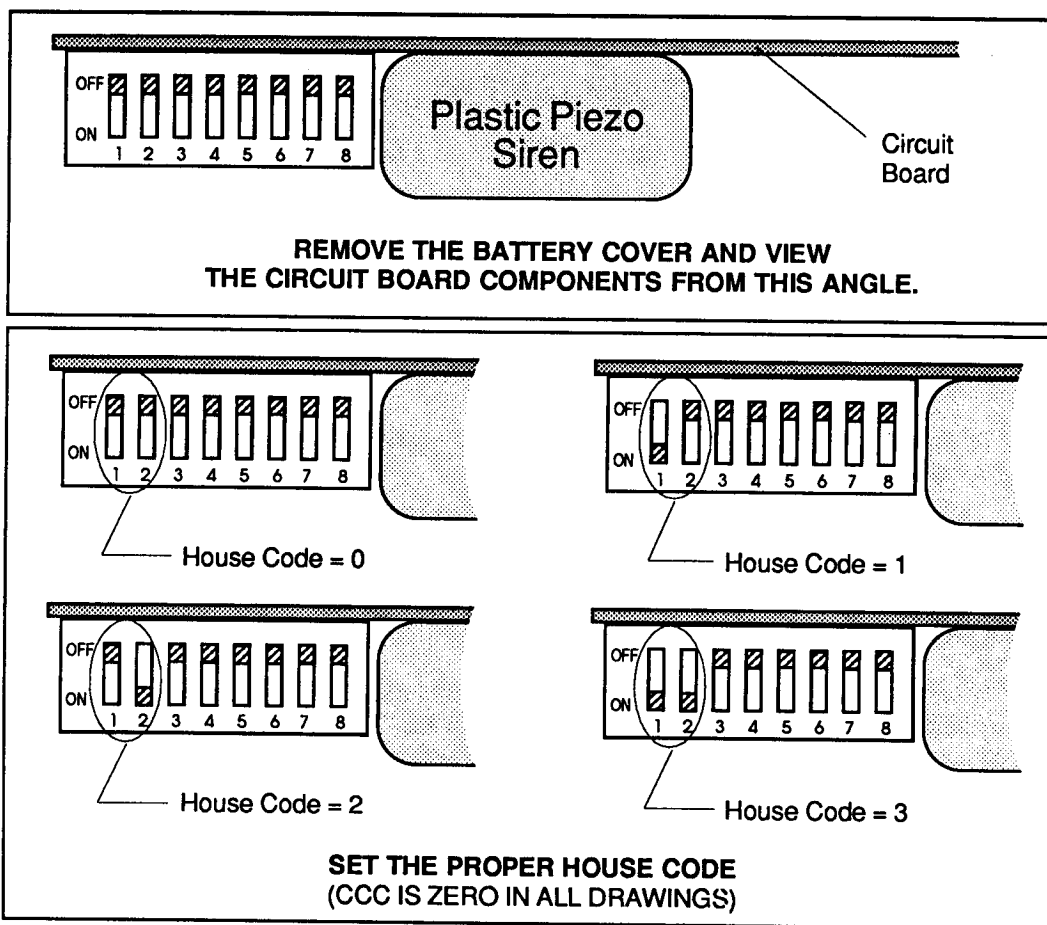
WARNING - NEVER OPEN THE "WIS" WHILE PLUGGED IN, A SERIOUS INJURY OR DEATH FROM ELECTRICAL SHOCK COULD RESULT.

You will be setting the HOUSE CODE - CARRIER CURRENT CHANNEL using switches 1 - 4. The switch number appears on the switch cover. The ON position for a switch is when it is positioned away from the circuit board. The OFF position is when it is positioned closest to the board.

To set the HOUSE CODE you must set switches 1 and 2 as follows:

HOUSE CODE	SWITCH 1	SWITCH 2
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

Refer to the drawings below when setting the House Code.



SELECTING THE CARRIER CURRENT CHANNEL.

The CCC is preset to "0" in all WIS's and in all CPU's. Unless you already have four systems in close proximity and thus you have already used all four House Codes there is no reason to change the CCC.

If you must change the CCC then set it as follows:

CCC	SWITCH 3	SWITCH 4
0	OFF	OFF
1	ON	OFF
2	OFF	ON
3	ON	ON

Unless you specified otherwise, the system you are installing will have a CCC of "0", so both switches would be set to OFF.

If you change the CCC to other than "0" in your WIS then you must also reprogram the Central Processing Unit to the same CCC. See PROGRAMMING THE SX-IVB.

INSTALLING A WIRELESS INTERIOR SIREN

Installation is very simple. Simply plug the WIS in to a non-switched electrical outlet.

Be sure to secure the WIS to the outlet with the center outlet screw so it can not be accidentally unplugged.

WIS INTERFERENCE & PHASING PROBLEMS

In a small percentage of the installations in which you attempt to install a Wireless Interior Siren you may experience problems.

Signal Blocking - Occasionally appliances (especially TVs) can act as a filter and will block signals being sent to a WIS. If you experience signal blocking, either use a different circuit than the TV or be sure the WIS is on the near side of the circuit in relation to the CPU and the TV is beyond the WIS.

Phasing Problems - AC power coming into a house is usually broken into two different 110-volt lines, with each line serving different areas of the house. These different lines are referred to as different line phases. Sometimes, when a CPU is plugged into one phase and a WIS into another, signals will not get through properly.

To overcome a phasing problem, you can move the WIS to an outlet that is in phase with the CPU (or move the CPU to an outlet in phase with the WIS). If this is not possible, then switch to a Hardwire Interior Siren or a Phone Jack Siren.

Interference - Our WIS uses line carrier technology for signaling. Under severe circumstances, radio frequency interference, AC power spikes and other "noise" on an AC power line can cause any line carrier device to operate erratically or intermittently. If you experience problems try installing the WIS on a different electrical circuit. If that does not help install a Hardwire Interior Siren or Phone Jack Siren in place of the Wireless Interior Siren.