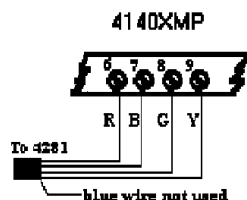# 4140XMP/4281

*Introduction......*4140XMP controls being shipped as of October 1st, 1992 can now support the use of either the 4280(8) or 4281(L, M, or H) wireless receivers. (purple dot on carton). There are three different 4281 models available:

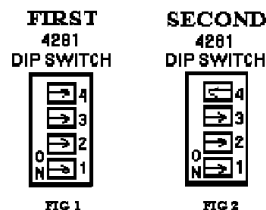| MODEL	# OF XMITTERS
4281L (low)	4
4281M (med)	8
4281H (high)	up to 63

The 4281 receiver is wired directly to the controls console terminals (as depicted below) and not the polling loop as with the 4280 receiver. This allows for more devices to be used on the polling loop in conjunction with a wireless receiver(s).

Up to two 4281 receivers may be used on an 4140XMP control.

*Programming.....*A few new programming fields have been added to the 4140XMP that inform the control which type of receiver is being used. If a 4281 receiver is being used, program field 1*32 must = [1]. If using a 4280 receiver, field 1*32 must = [0].

If a 4280 receiver is used, the house code is set on the dip switches of the receiver. **This is not so on the 4281.** The house code for a system using 4281 receivers is programmed into field 1*51.

The dip switches located on the pc board of the 4281 receiver are used for a device address. In other words, the control needs to know which receiver is the first and which receiver is the second. This is done by setting an address on the dip switches. The diagram above depicts the dip switch setting for both 4281's.

Programming the actual transmitters has not changed regardless of which receiver is used. You will still enable a response type in programming fields [02-05] and [1*01-1*08] and enable wireless zones in [1*18-1*25]. In addition, you must still select how many receivers are connected to the control in programing fields [1*26 and 1*27]. If you have any questions, please contact us at the numbers listed below.

FIRST 4281 DIP SWITCH   SECOND 4281 DIP SWITCH

FIG 1   FIG 2

.....*Summary*.....

4281

Field 1*32 = [1]

Field 1*51 = House Code

Wire to console terminals

Do not set house code on dip switches.

4280

Field 1*32 = [0]

Field 1*51 = [00] (use dip switches on receiver)

Wire to polling loop