

## Adding a Honeywell 5800PIR-RES Motion Detector to your Honeywell System – Attributes and Programming Instructions

### Attributes:

The Honeywell 5800PIR-RES is an effective easy to install wireless motion detector.

- Pet Immune to animals up to 80 pounds
- Range is effective to 35 feet
- It's battery lasts for years, notification of low battery is given at the keypad

### Programming Instructions

How to add a Honeywell 5800PIR-RES to your Honeywell System

Adding a wireless motion detector to your system is easy, but there are some pre-requisites. There are three areas of concern:

- 1) Do you already have a wireless receiver on your system such as a 6160RF keypad or a 5881 wireless receiver?
- 2) If you have a wireless receiver are there enough zones available on it?
- 3) Do you have a custom alpha keypad (6160 series) to use for programming the system?

*General Note: The Vista-20P has two partition capability.* This means that the Vista-20P has the capability to separate the alarm system into separate areas or “Partitions” that can be independently armed and disarmed by the user. For instance, if you were renting part of your house, you could give the renters their own keypad and they can come and go while your portion of the house stays secure. The second partition can also be used for an out building, gun room, etc.

### Programming:

To begin programming your new wireless motion detector:

**Enter the Installer Code** (factory 4112) Note: If you previously changed the Installer Code number use that number, the factory 4112 will not work.

**Then enter 8 0 0...**The display will change to:

<b>Installer Code</b>
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<b>20</b>
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The top of the display is programming filed 20's description.

Field 20 is the first programming field you'll arrive at after entering programming mode.

*Programming field 20 Installer Code is the first programming field available after entering installer programming. I'll step you through the programming procedure for your new transmitter, but to help you understand the procedure here's a few Honeywell programming tips:*

*# plus a field number will display that programming field's current programming.*  
*\* plus a field number will allow you to enter new data in that field.*  
*# while in a multi-step field will back you up one step.*  
*\* while in a multi-step field will accept the current setting and advance you one step.*

**Note:** \* = Bottom Left Keypad Button, # = Bottom Right Keypad Button

Enter \* 56 to begin Zone Programming

**You are now in \*56 Menu Programming**


<b>Set to Confirm?</b> <b>0=No, 1=Yes</b> <b>0</b>
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Enter 0

The display change to the Zone Selection Screen

**Select A Zone to Program**

<b>Enter Zn Num.</b> <b>00=Quit</b> <b>01</b>
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Zone 01 is the starting default of the zone selection screen.

*This is the screen where we select what zone we want to put our transmitter on. Zones 1 through 8 are the Vista 20P's hardwire zones, wireless programming can begin on zone 9, so that's where we'll put our wireless motion detector. Additional wireless devices can be put on zones 10 through 40.*

**Press 09 then \***

The display will change to zone 9's Current Settings Screen

**Zone 9's Current Settings**

<b>Zn ZT P RC IN: L</b> <b>09 00 1 10 RF: -</b>
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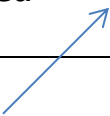
Zn = Zone Number  
ZT = Zone Type  
P = Partition  
RC = Reporting Code  
IN = Input Type  
L = Loop Number

*This screen shows the factory default settings for zone nine. Only a couple of the settings need to be changed for our new wireless motion detector.*

**Press \*** to advance to Zone Type

### Zone Type for Zone 9

<b>09 Zone Type</b> <b>Zone Disabled</b> <b>00</b>
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00=Disabled  
04=Interior Follower  
10=Interior w/delay

*A 5800PIR-RES has two zone type possibilities:*

*04 Interior Follower = Standard motion detector functionality.*

*10 Interior w/delay = Built in delay to allow for disarming after the motion detector trips.*

*Most systems will require the motion detector to be Interior Follower, so we would:*

**Enter 04 then \*** The display will change to the Partition Screen

### Zone 9 Partition Setting

<b>09 Partition</b>  <b>1</b>
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Zone 9 is currently on partition one and does not need to be changed.

**Press \*** to advance to the Report Code Screen

### Report Code for Zone 9

<b>09 Report Code</b>			
<b>1<sup>st</sup></b>	<b>01</b>	<b>2<sup>nd</sup></b>	<b>00</b>
			<b>10</b>

*The report code has to do how the zone will report signals to an alarm company central station when an alarm occurs. It doesn't need to be changed.*

**Press \*** to accept this setting and advance to the Input Type Screen

### Input Type Selection for Zone 9

<b>09 Input Type</b>	
<b>RF Trans.</b>	<b>3</b>

2=Aux Wire  
3=RF (wireless)  
5=BR (keyfob)

*The Vista 20P will automatically assume zones higher than zone eight are RF Transmitter zones, which is what we need for our wireless motion detector, so no changes need to be made in this field.*

**Press \*** to accept this setting and advance to the Serial Number Input Screen

### Transmitter Serial Number for Zone 9

<b>09 Input S/N L</b>	
<b>Axxx-xxxx</b>	<b>1</b>

Motion detectors are always loop 1

*Honeywell uses a seven digit serial number to identify specific transmitters to the Vista 20P. You can enter it manually on this screen, but it's generally easier to have the system learn the motion detector's serial number and loop number by activating the detector twice.*

*Install the battery in the transmitter and replace the cover.*

*Wait for the power up sequence to complete.*

Wave your hand in front of the detector to learn the serial number into the control.

Wave your hand in front of the detector again to set the loop number.

**Press \*** to accept the setting and return to the zone 9's Current Settings Screen

### Original Settings Screen

Zn	ZT	P	RC	IN:	L
09	00	1	10	RF:	-

VS.

### Current Settings Screen

Zn	ZT	P	RC	IN:	L
09	04	1	10	RF:	1

*This is zone 9's updated settings screen. Other than the serial number (which doesn't show on this screen) the only two changes we've made is to the zone type and loop number.*

**Press \*** to advance to the Alpha Programming Screen

### Alpha Programming Screen

Program Alpha?	
0=No, 1=Yes	0

*Alpha Programming is where we program the description of the transmitter that will appear on the keypad when the transmitter faults the system (like "Front Door" etc.) Alpha Programming is not necessary to wireless programming so we'll skip this section for now. You can always come back and program this later if you want.*

**Press \*** to return to the Zone Selection Screen

Enter Zn Num.	
00=Quit	10



The panel will automatically advance to the next zone (in this case zone 10).

**Press 00** to exit Zone Programming, then **Press \*99** to exit programming mode altogether.

or, **Press \*** to start programming zone 10