**Honeywell 5815 and 5816 Wireless Door / Window Transmitter**

The Honeywell 5815 and the 5816 transmitters, both give you the choice of using the internal contact with a surface magnet (included) or using their built-in wiring terminals with contacts that are wired in series with each other.

To begin programming your new wireless 5815 and 5816 transmitter:

**Enter the Installer Code** (factory 4112)
**Then enter 8 0 0**....The display will change to:

```
Installer Code
                    20
```

*The top of the display is programming field 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 mult-step field will back you up one step.*
*\* while in a multi-step field will accept the current setting and advance you one step.*

*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.

**Enter \* 56** to go to Zone Programming

You are now in *56 Menu Programming

```
Set to Confirm?
0=No, 1=Yes        0
```

**Enter 0**

The display changes to the Zone Selection Screen

**Select a Zone to Program**

```
Enter Zn Num.
00=Quit        01
```

Zone 1 is the starting default fo the zone selection screen.

*This is the screen where we select what zone we want to put our transmitter on. Zones one through eight are the Vista 20P's hardwire zones, wireless programming can begin on zone nine, so that's where we'll put our transmitter. Additional transmitters can be put on zones 10 through 40.*

**Press 09 and then ***

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

**Zone 9's Current Settings**

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

Definitions:
- Zn = Zone Number
- ZT = Zone Type
- P = Partition
- RC = Reporting Code
- IN = Input Type
- L = Loop Number

*The screen shows the factory default settings for zone 9.  Only a couple of the settings need to be changed for our new transmitter.*

**Press * ** to advance to Zone Type

**Zone Type for Zone 9**

```
┌─────────────────────────┐
│ 09 Zone Type            │
│ Zone Disabled 00        │
│                         │
│                         │
└─────────────────────────┘
```

Possible Zone Types:
        00 = Disabled
        01 = Entry/Exit 1
        03 = Perimeter

*A 5815 or 5816  transmitter has two zone type possibilities:*

*03 Perimeter = Doors that don't need an Entry/Exit Delay.  Windows should be set as 03*
*01 Entry/Exit = Doors that need a delay to enter or exit the premises ex. front door, door from the garage into the house, etc..*

*Let's say we're putting the transmitter on a back door that doesn't need an Entry/Exit Delay, we would:*

**Enter 03 then** *  The display will change to the Partition Screen

**Zone 9 Partition Setting**

```
┌─────────────────────────┐
│ 09 Partition            │
│                      1  │
│                         │
│                         │
└─────────────────────────┘
```

*Zone 9 is currently on partition 1 and does not need to be changed.*

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

**Report Code for Zone 9**

```
┌─────────────────────────┐
│ 09 Report Code          │
│ 1ˢᵗ 01 2ⁿᵈ 00     10    │
│                         │
│                         │
└─────────────────────────┘
```

*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**

```
09 Input Type
RF Trans.        3
```

Possible Input Types:
        2 = Aux Wire
        3 = RF (wireless)
        D5 = 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 transmitter, so no changes need to be made in this field.*

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

```
09 Input S/N    L
     Axxx-xxxx    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 transmitter's serial number and loop number by activating the transmitter twice.*

*Activate the transmitter by using either the transmitter's magnet or an external contact, the keypad will "bing", the serial number will appear, and the prompt will move to the loop setting.*

*Activate the transmitter again, the proper loop number will appear.*

**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  03  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

**Zone Selection Screen**

```
Enter Zn Num.
00=Quit         10
```

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

*As each zone is completed the system will automatically advance to the next zone. Pressing * at this screen will advance you to zone 10 programming for the next transmitter. Pressing 00 will exit *56 menu programming but the system will remain in installer programming until you enter *99 (the exit programming command).*

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

or,

**Press** * to start programming zone 10