

Adding a Honeywell 5834-4 Key Chain (also called a Keyfob) to your Honeywell System – Attributes and Programming Instructions

Attributes:

The Honeywell 5834-4 is an effective easy to install wireless key chain.

- LED confirmation that transmission has been received
- Provides end-users with an extra level of convenience, comfort and peace of mind.
- It's battery lasts for years.

Programming Instructions

How to add a Honeywell 5834-4 to your Honeywell System

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

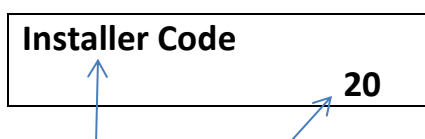
- 1) Do you already have a wireless receiver on your system such as a 6160RF keypad or a 5881 wireless receiver?
- 2) If you have a wireless receiver are there enough zones available on it?
- 3) Do you have a custom alpha keypad (6160 series) to use for programming the system?

Programming:

To begin programming your new wireless key chain use a 6160 series keypad:

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:



The top of the display is programming field 20's description.

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.*

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 begin Zone Programming

You are now in *56 Menu Programming

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

Enter 0

The display change to the Zone Selection Screen

Select a Zone to Program

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

This is the screen where we select the zone where we want to begin programming our keyfob buttons. Keep in mind that each button will require it's own zone, so a four button keyfob like the 5834-4 will use up four zones in the control panel. The Vista 20P provides a block of zones dedicated to keyfob buttons, the block begins on zone 49, so that is where we'll begin our programming.

Press 49 then *

The display will change to zone 49's Current Settings Screen.

Zone 49's Current Settings

Zn ZT P RC IN: L 49 00 1 10 BR: 1
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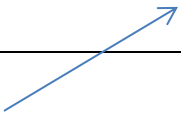
Zn = Zone Number
ZT = Zone Type
P = Partition
RC = Reporting Code
IN = Input Type
L = Loop Number

This screen shows the factory default settings for zone 49. Only a couple of the settings need to be changed to enable the first of our four key chain buttons.

Press * to advance to Zone Type

Zone Type for Zone 49

49 Zone Type Zone Disabled 00



00=Disabled
07=Audible panic
20=Arm stay
21=Arm away
22=Disarm

We're currently programming loop 1 of the 5834-4 key chain. Loop 1 is traditionally used as a panic button, zone type 07.

Enter 07 then* the display will change to the Partition Screen.

Zone 49's Partition Setting

49 Partition 1

Zone 49 is currently on partition one and does not need to be changed.

Press * to advance to the Report Code Screen

Report Code for Zone 49

49 Report Code 1st 01 2nd 00 10

The report code has to do with how the zone will report signals to an alarm company central station when an alarm occurs. It doesn't need to be changed. This setting does not matter in a non-monitored system.

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

Input Type Selection for Zone 49

49 Input Type Button RF 5

By using one the Vista 20P's keyfob designated zones (49-64) this setting has already been set for the proper input type for a keyfob (Button RF)

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

Serial Number for Zone 49

49 Input S/N L Axxx-xxxx 1
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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 key chain button's serial number and loop number by pressing the panic button twice.

Press the panic button for 2 seconds, pause, then press it again for 2 seconds.

Press * to accept the new setting and return to zone 49's Current Settings Screen

Original Settings Screen

Zn ZT P RC IN: L 49 00 1 10 BR: 1
--

VS.

Current Settings Screen

Zn ZT P RC IN: L 49 07 1 10 BR: 1
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This is zone 49's updated settings screen. Other than the serial number (which doesn't show on this screen) the only change we've made is the zone type going from 00 (disabled) to 07 (Audible Panic)

Press * to advance to the Alpha Programming Screen

Alpha Programming Screen

Program Alpha? 0=No, 1=Yes 0
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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 50
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The panel will automatically advance to the next zone (in this case zone 50).

*As each zone is completed the system will automatically advance to the next zone. Pressing * at this screen will advance you to zone 50 to begin programming the next button. The 5834-4 is a four button key chain, so you'll need to continue programming zones 50 through 52.*

Pres * to start programming zone 50

Zone 50's Current Settings

Zn ZT P RC IN: L 50 00 1 10 BR: 1
--

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 50. Only a couple of the settings need to be changed to enable the second keyfob button.

Press * to advance to Zone Type

Zone Type for Zone 50

50 Zone Type Zone Disabled	00
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00=Disabled
07=Audible Panic
20=Arm Stay
21=Arm Away
22=Disarm

We're currently programming loop 2 of the 5834-4 keyfob. Loop 2 is the disarm button, zone type 22.

Enter 22 then * The display will change to the Partition Screen

Zone 50's Partition Setting

50 Partition	1
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Zone 50 is currently on partition one and does not need to be changed.

Press * to advance to the Report Code Screen

Report Code for Zone 50

50 Report Code	
1st 01 2nd 00	10

The report code has to do with how the zone will report signals to an alarm company central station when an alarm occurs. This setting does not matter in a non-monitored system, but if your system is monitored you'd want to make this setting 00 to prevent signals being sent everytime you disarm your system.

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

Input Type Selection for Zone 50

50 Input Type	
Button RF	5

By using one the Vista 20P's keyfob designated zones (49-64) this setting has already been set for the proper input type for a keyfob (Button RF)

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

Serial Number for Zone 50

50 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 keyfob button's serial number and loop number by pressing the disarm button twice.

Press the disarm button for 2 seconds, pause, then press it again for 2 seconds.

Press * to accept the new setting and return to zone 50's Current Settings Screen

Original Settings Screen

Zn ZT P RC IN: L
50 00 1 10 BR: 1

VS.

Current Settings Screen

Zn ZT P RC IN: L
50 22 1 10 BR: 2

This is zone 50's updated settings screen. Other than the serial number (which doesn't show on this screen) the only changes we've made is the zone type going from 00

(disabled) to 22 (disarm) and loop number going from loop 1 of the transmitter to loop 2.

Press * to advance to the Alpha Programming Screen

Alpha Programming Screen


Program Alpha? 0=No, 1=Yes	0
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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	51
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The panel will automatically advance to the next zone (in this case zone 51).

*As each zone is completed the system will automatically advance to the next zone. Pressing * at this screen will advance you to zone 51 to begin programming the next button. The 5834-4 is a four button keyfob, so you'll need to continue programming zones 51 and 52.*

Press * to Start Programming Zone 51

Zone 51's Current Settings

Zn ZT P RC IN: L 51 00 1 10 BR: 1
--

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 51. Only a couple of the settings need to be changed to enable the third keyfob button.

Press * to advance to Zone Type

Zone Type for Zone 51

51 Zone Type Zone Disabled 00



00=Disabled
07=Audible Panic
20=Arm Stay
21=Arm Away
22=Disarm

We're currently programming loop 3 of the 5834-4 keyfob. Loop 3 is the arm away mode button, zone type 21.

Enter 21 then * The display will change to the Partition Screen

Zone 51's Partition Setting

51 Partition 1

Zone 51 is currently on partition one and does not need to be changed.

Press * to advance to the Report Code Screen

Report Code for Zone 51

51 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. This setting does not matter in a non-monitored system, but if your system is monitored you'd want to make this setting 00 to prevent signals being sent every time you arm your system.

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

Input Type Selection for Zone 51

51 Input Type Button RF	5
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By using one the Vista 20P's keyfob designated zones (49-64) this setting has already been set for the proper input type for a keyfob (Button RF)

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

Serial Number for Zone 51

51 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 keyfob button's serial number and loop number by pressing the disarm button twice.

Press the arm away button for 2 seconds, pause, then press it again for 2 seconds.

Press * to accept the new setting and return to zone 51's Current Settings Screen

Original Settings Screen

Zn ZT P RC IN: L
51 00 1 10 BR: 1

VS.

Current Settings Screen

Zn ZT P RC IN: L
51 21 1 10 BR: 3

This is zone 51's updated settings screen. Other than the serial number (which doesn't show on this screen) the only changes we've made is the zone type going from 00 (disabled) to 21 (arm away) and loop number going from loop 1 to loop 3.

Press * to advance to the Alpha Programming Screen

Alpha Programming Screen


Program Alpha? 0=No, 1=Yes	0
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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	52
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The panel will automatically advance to the next zone (in this case zone 52).

*As each zone is completed the system will automatically advance to the next zone. Pressing * at this screen will advance you to zone 52 to begin programming the last button on the 5834-4.*

Press * to Start Programming Zone 52

Zone 52's Current Settings

Zn ZT P RC IN: L 52 00 1 10 BR: 1
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Zn = Zone Number

ZT = Zone Type

P = Partition

RC = Reporting Code

IN = Input Type

L = Loop Number

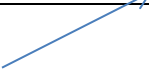
This screen shows the factory default settings for zone 52. Only a couple of the settings need to be changed to enable the last keyfob button.

Press * to advance to Zone Type

Zone Type for Zone 52

52 Zone Type Zone Disabled 00

00=Disabled
07=Audible Panic
20=Arm Stay
21=Arm Away
22=Disarm



We're currently programming loop 4 of the 5834-4 keyfob. Loop 4 is the arm stay button, zone type 20.

Enter 20 then * The display will change to the Partition Screen

Zone 52's Partition Setting

52 Partition 1

Zone 52 is currently on partition one and does not need to be changed.

Press * to advance to the Report Code Screen

Report Code for Zone 52

52 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. This setting does not matter in a non-monitored system, but if your system is monitored you'd want to make this setting 00 to prevent signals being sent everytime you disarm your system.

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

Input Type Selection for Zone 52

52 Input Type Button RF	5
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By using one the Vista 20P's keyfob designated zones (49-64) this setting has already been set for the proper input type for a keyfob (Button RF)

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

Serial Number for Zone 52

52 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 keyfob button's serial number and loop number by pressing the arm stay button twice.

Press the arm stay button for 2 seconds, pause, then press it again for 2 seconds.

Press * to accept the new setting and return to zone 52's Current Settings Screen

Original Settings Screen

Zn ZT P RC IN: L
52 00 1 10 BR: 1

VS.

Current Settings Screen

Zn ZT P RC IN: L
52 20 1 10 BR: 4

This is zone 52's updated settings screen. Other than the serial number (which doesn't show on this screen) the only changes we've made is the zone type going from 00 (disabled) to 20 (arm stay) and loop number going from loop 1 to loop 4.

Press * to advance to the Alpha Programming Screen

Alpha Programming Screen


Program Alpha? 0=No, 1=Yes	0
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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	53
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The panel will automatically advance to the next zone (in this case zone 53).

*As each zone is completed the system will automatically advance to the next zone. Pressing * at this screen will advance you to zone 53 to begin programming the next button. We've already programmed all four buttons of our 5834-4, if you want to program another 5834-4 you'll begin with it's loop 1 on zone 53 and continue to zone 56.*

Press * to begin programming another keyfob on zone 53

or

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

We're not through enabling the new keyfob yet, we still need to assign a use code to it.

How to assign a user code to a new keyfob

In a typical residential system everyone in the household will use the same user code to arm or disarm the system. If you're installing a single keyfob you can just assign that user code to it, but if you're planning on installing several keyfobs you'll need to first create new user codes, one for each keyfob.

To create new user codes:

Enter the Master Code (factory 1234)

Enter 8 (the code function button)

Enter the user number you want to add (first available will be 03, last available 32)

Enter a four digit arm/disarm code

Listen for a confirmation chirp from the keypad, then test the new code.

To assign a user code to a keyfob:

Enter the Master Code (factory 1234)

Enter 8 (the code function button)

Enter the user number you want to assign (02 for the master code, 03-32 for added codes)

Enter #4 (the assign keyfob command)

Enter the two digit zone number of one of the keyfob's buttons.

So, if my master code is 1234 and I wanted to assign a keyfob to it, and the keyfob that I want to assign to it begins on zone 49, my keypad entry would be:

1234, 8, 02, #4, 49