

Programming 4204/4229 Relays

1.	Enter program mode by powering down then back up & pressing the *+# simultaneously within 50 seconds of power up, or enter the Installer code + 8 + 0 + 0.																						
2.	Screen displays, “INSTALLER CODE 20”																						
3.	Press “*” 79, screen displays “ENTER OUTPUT NO.” (00 = quit) 01																						
4.	Press 01*																						
5.	Screen displays “01 output type” “Delete 0”																						
6.	Press 1*																						
7.	Screen displays “01 Modular Addr” “07-15”																						
8.	Choose what address you want from 07-15 (for this instruction set we will choose address 07) Press 07*																						
NOTE:	<table><tr><th>Address</th><th>Module</th></tr><tr><td>07</td><td>1st 4229 (with zones 09-16)</td></tr><tr><td>08</td><td>2nd 4229 (with zones 17-24)</td></tr><tr><td>09</td><td>3rd 4229 (with zones 25-32)</td></tr><tr><td>10</td><td>4th 4229 (with zones 33-40)</td></tr><tr><td>11</td><td>5th 4229 (with zones 41-48)</td></tr><tr><td>12</td><td>1st 4204</td></tr><tr><td>13</td><td>2nd4204</td></tr><tr><td>14</td><td>3rd4204</td></tr><tr><td>15</td><td>4th 4204</td></tr><tr><td colspan="2">Make sure module’s DIP switches are set to the selected address</td></tr></table>	Address	Module	07	1 st 4229 (with zones 09-16)	08	2 nd 4229 (with zones 17-24)	09	3 rd 4229 (with zones 25-32)	10	4 th 4229 (with zones 33-40)	11	5 th 4229 (with zones 41-48)	12	1 st 4204	13	2 nd 4204	14	3 rd 4204	15	4 th 4204	Make sure module’s DIP switches are set to the selected address	
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Make sure module’s DIP switches are set to the selected address																							
9.	Screen displays “01 Rly Position” “1-4” (note: this should only have a choice of 1-2, do not try to set up a relay 3 or 4, address 07-11 is for a 4229, and this unit only has 2 relays) Press 1*																						
10.	Screen displays: Enter Output No. 02 (00 = QUIT) Press 00																						
11.	Press *80																						
12.	Screen displays: “Output Funct #” 01 Press 01*																						
13.	Screen displays: “01 A E P Trig ?00 0 0 - ZL =00” This is a Summery Where; A= Device Action; E = Triggering event; P = Partition; Trig = Trigger Type (? = device has yet to be mapped/programmed) Press *																						

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14. Screen Displays: “01 Activated By: Delete 0”
Choices are as follows; **1** = zone list; **2** = zone type; **3** = zone number; 0 = delete

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- 14.1 If you choose **1** screen will display “01 Zn List” Choose a Zone List 1-8
(See instructions for zone list programming, we will not cover this in this document)

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- 15.2 If you choose **2** screen will display “01 Enter Zone Type, where you will have the following choice to enter:

CHOICE FOR ZONE TYPES		
00 = Not Used	06 = 24-Hr Silent	14 = Carbon Monoxide
01 = Entry/exit #1	07 = 24-Hr Audible	16 = Fire w/Verification
02 = Entry/exit #2	08 = 24-Hr Aux	23 = No Alarm Respon
03 = Perimeter	09 = Fire 24	24 = Silent Burglary
04 = Interior Follower	10 = Interior w/Delay	25 = 24hr Non-Alarm
05 = Trouble Day/Alarm Night	12 = Monitor Zone	77 = Keyswitch Zone
CHOICES FOR SYSTEM OPERATION		
20 = Arming–STAY	39 = Any Fire Alarm	60 = AAV
21 = Arming–AWAY	40 = Bypassing	66 = Function Key †
22 = Disarming (Code + OFF)	41 = AC Power Failure	67 = Bell Fail
31 = End of Exit Time)	42 = Sys Battery Low	68 = Telco Line Cut
32 = Start of Entry Time	43 = Comm Failure	78 = Keyswitch RED LED
33 = Any Burglary Alarm	52 = Kissoff	79 = Keyswitch Green LED
36 = **At Bell Timeout †	54 = Fire Zone Reset	
38 = Chime	58 = Duress	
** Use 3 (any) for Partition No. (P) entry		
† Or at Disarming, whichever occurs first.		
† Use *57 Menu Mode to assign the function key (function “07”)		

After you have made a choice from above

Press * and enter one of the following:

- 0 = any partition
- 1 = partition 1
- 2 = partition 2
- 3 = common

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- 15.3 If you choose **3** screen will display “01 Enter Zone No.” and will choose a active zone # and hit *
Screen will now display “Enter Event” Choices are as follows:
0 = Restore; 1 = Alarm/Fault/Trouble

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16. Press *,Screen displays: Output action

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17. Screen displays: Output action: Choose from the following
- | | |
|-------------------------------|--------------------------------------|
| 0 = off | 4 = Toggle state of relay |
| 1 = Close for 2 seconds | 5 = Duration 1 (see data field *177) |
| 2 = Close and Stay Closed | 6 = Duration 2 (see data field *177) |
| 3 = Continuous Pulse on & off | |
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Make a choice and press *

18. The display now shows “Enter Output No.” Enter the device number (see step #8) you want associated with this output.
Press *

19. Screen now displays summery:

This is a Summery Where; A= Device Action; E = Triggering event; P = Partion; Trig = Trigger Type

20. By pressing *, Screen will display “Output Funct #” either continue with next output, or hit “00” to quit
