Zone Programming

To program zones on this panel there are a few steps we have to make:

First Step:

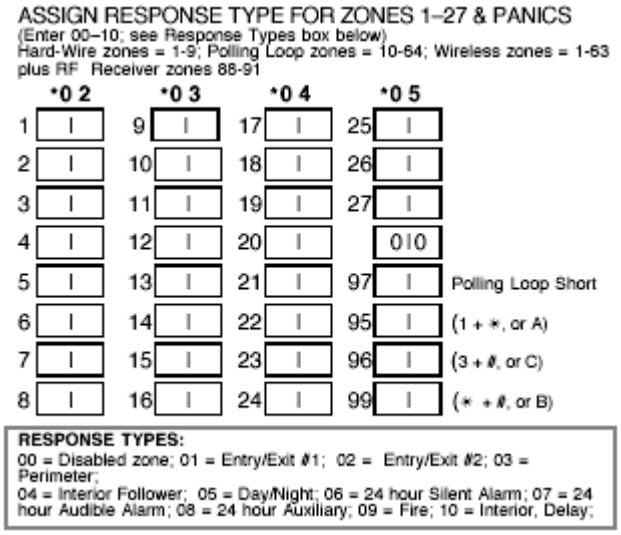
Establish how many and what type of zones we have.

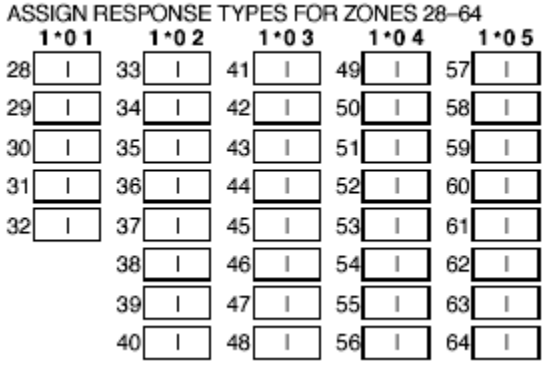
Second Step:

- Get into programming, Installer code +8+00.
- If you do not know the installer code try the back door method, Power down Hold the * and # at the same time and power up with them held down.

Third Step:

Program the Zone Types for your zones in the following fields:





Fourth Step:

We must identify what the Zone is Wireless or Polling Loop?

Polling loop:

Set dipswitches, on the device, for the zones you want to use.

If using the 4190 you have to enable the zone right loop. (If utilizing)

Not needed if using the 4208/4208U.

DESIGNATE RIGHT LOOP Zones 10–32: Enter 1 = yes; [0=no]

*06								
ZONES:	10	11	12	13	14	15	16	
*07								
ZONES:	17	18	19	20	21	22	23	24
*08								
ZONES:	25	26	27	28	29	30	31	32

DESIGNATE RIGHT LOOP Zones 33–64: Enter 1=yes; [0=no]

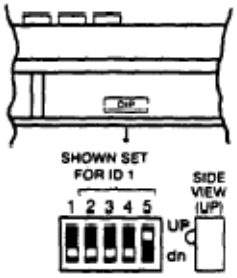
1*10								
ZONES:	33	34	35	36	37	38	39	40
1*11								
ZONES:	41	42	43	44	45	46	47	48
1*12								
ZONES:	49	50	51	52	53	54	55	56
1*13								
ZONES:	57	58	549	60	61	62	63	64

Note: If getting all zones in Trouble make sure field 86 is a 0 unless you are using only One and ONLY one 4208/4208U on the system.

*86 ZONE EXPANDER DEVICE 1 = only one 4208 installed for zones 10-17; [0 = more than one 4208 or other devices] [1]

DIP SWITCH TABLES FOR ADDRESSABLE CONSOLES AND POLLING LOOP DEVICES

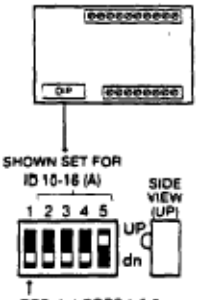
Addressable Consoles (e.g. 5137AD)



† **IMPORTANT:** USE ID 31 FOR APPLICATIONS NOT REQUIRING ADDRESSABLE CONSOLES.

DEVICE ID	DIP SWITCH POSITION 1	2	3	4	5
0	dn	dn	dn	dn	dn
1	dn	dn	dn	dn	UP
2	dn	dn	dn	UP	dn
3	dn	dn	dn	UP	UP
4	dn	dn	UP	dn	dn
5	dn	dn	UP	dn	UP
6	dn	dn	UP	UP	dn
7	dn	dn	UP	UP	UP
8	dn	UP	dn	dn	dn
9	dn	UP	dn	dn	UP
10	dn	UP	dn	UP	dn
11	dn	UP	dn	UP	UP
12	dn	UP	UP	dn	dn
13	dn	UP	UP	dn	UP
14	dn	UP	UP	UP	dn
15	dn	UP	UP	UP	UP
16	UP	dn	dn	dn	dn
17	UP	dn	dn	dn	UP
18	UP	dn	dn	UP	dn
19	UP	dn	dn	UP	UP
20	UP	dn	UP	dn	dn
21	UP	dn	UP	dn	UP
22	UP	dn	UP	UP	dn
23	UP	dn	UP	UP	UP
24	UP	UP	dn	dn	dn
25	UP	UP	dn	dn	UP
26	UP	UP	dn	UP	dn
27	UP	UP	dn	UP	UP
28	UP	UP	UP	dn	dn
29	UP	UP	UP	dn	UP
30	UP	UP	UP	UP	dn
† 31	UP	UP	UP	UP	UP
BIT VALUE:	16	8	4	2	1

4208 Zone Expander



W/TABLE	FAST	SLOW
A	UP	dn
B	dn	UP

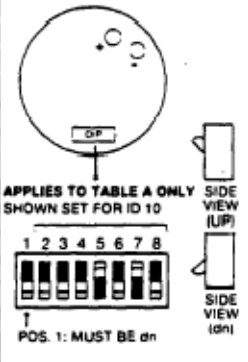
THIS TABLE FOR DIPS WITH WORD "OFF" — A

DEVICE ID	DIP SWITCH POSITION 2	3	4	5
10-16	dn	dn	dn	UP
17-24	dn	dn	UP	dn
25-32	dn	dn	UP	UP
33-40	dn	UP	dn	dn
41-48	dn	UP	dn	UP
49-56	dn	UP	UP	dn
57-64	dn	UP	UP	UP

THIS TABLE FOR DIPS WITH WORD "ON" — B

DEVICE ID	DIP SWITCH POSITION 2	3	4	5
10-16	UP	UP	UP	dn
17-24	UP	UP	dn	UP
25-32	UP	UP	dn	dn
33-40	UP	dn	UP	UP
41-48	UP	dn	UP	dn
49-56	UP	dn	dn	UP
57-64	UP	dn	dn	dn

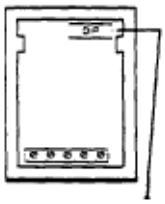
4192SD/4192SDT/ 4192CP Smoke Detectors



THIS TABLE FOR DIPS WITH WORD "OFF" — A

DEVICE ID	DIP SWITCH POSITION 2	3	4	5	6	7	8
10	dn	dn	dn	UP	dn	UP	dn
11	dn	dn	dn	UP	dn	UP	UP
12	dn	dn	dn	UP	UP	dn	dn
13	dn	dn	dn	UP	UP	dn	UP
14	dn	dn	dn	UP	UP	UP	dn
15	dn	dn	dn	UP	UP	UP	UP
16	dn	dn	UP	dn	dn	dn	dn
17	dn	dn	UP	dn	dn	dn	UP
18	dn	dn	UP	dn	dn	UP	dn
19	dn	dn	UP	dn	dn	UP	UP
20	dn	dn	UP	dn	UP	dn	dn
21	dn	dn	UP	dn	UP	dn	UP
22	dn	dn	UP	dn	UP	UP	dn
23	dn	dn	UP	dn	UP	UP	UP
24	dn	dn	UP	UP	dn	dn	dn
25	dn	dn	UP	UP	dn	dn	UP
26	dn	dn	UP	UP	dn	UP	dn
27	dn	dn	UP	UP	dn	UP	UP
28	dn	dn	UP	UP	UP	dn	dn
29	dn	dn	UP	UP	UP	dn	UP
30	dn	dn	UP	UP	UP	UP	dn
31	dn	dn	UP	UP	UP	UP	UP
32	dn	UP	dn	dn	dn	dn	dn
33	dn	UP	dn	dn	dn	dn	UP
34	dn	UP	dn	dn	dn	UP	dn
35	dn	UP	dn	dn	dn	UP	UP
36	dn	UP	dn	dn	UP	dn	dn
37	dn	UP	dn	dn	UP	dn	UP
38	dn	UP	dn	dn	UP	UP	dn
39	dn	UP	dn	dn	UP	UP	UP
40	dn	UP	dn	UP	dn	dn	dn
41	dn	UP	dn	UP	dn	dn	UP
42	dn	UP	dn	UP	dn	UP	dn
43	dn	UP	dn	UP	dn	UP	UP
44	dn	UP	dn	UP	UP	dn	dn
45	dn	UP	dn	UP	UP	dn	UP
46	dn	UP	dn	UP	UP	UP	dn
47	dn	UP	dn	UP	UP	UP	UP
48	dn	UP	UP	dn	dn	dn	dn
49	dn	UP	UP	dn	dn	dn	UP
50	dn	UP	UP	dn	dn	UP	dn
51	dn	UP	UP	dn	dn	UP	UP
52	dn	UP	UP	dn	UP	dn	dn
53	dn	UP	UP	dn	UP	dn	UP
54	dn	UP	UP	dn	UP	UP	dn
55	dn	UP	UP	dn	UP	UP	UP
56	dn	UP	UP	UP	dn	dn	dn
57	dn	UP	UP	UP	dn	dn	UP
58	dn	UP	UP	UP	dn	UP	dn
59	dn	UP	UP	UP	dn	UP	UP
60	dn	UP	UP	UP	UP	dn	dn
61	dn	UP	UP	UP	UP	dn	UP
62	dn	UP	UP	UP	UP	UP	dn
63	dn	UP	UP	UP	UP	UP	UP
64	UP	dn	dn	dn	dn	dn	dn
BIT VALUE:	64	32	16	8	4	2	1

4190WH Zone Expander

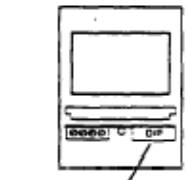


THIS TABLE FOR DIPS WITH WORD "ON" — B

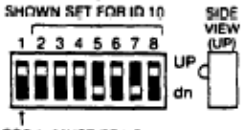
DEVICE ID	DIP SWITCH POSITION 2	3	4	5	6	7	8
10	UP	UP	UP	dn	UP	dn	UP
11	UP	UP	UP	dn	UP	dn	dn
12	UP	UP	UP	dn	dn	UP	UP
13	UP	UP	UP	dn	dn	UP	dn
14	UP	UP	UP	dn	dn	dn	UP
15	UP	UP	UP	dn	dn	dn	dn
16	UP	UP	dn	UP	UP	UP	UP
17	UP	UP	dn	UP	UP	UP	dn
18	UP	UP	dn	UP	UP	dn	UP
19	UP	UP	dn	UP	UP	dn	dn
20	UP	UP	dn	UP	dn	UP	UP
21	UP	UP	dn	UP	dn	UP	dn
22	UP	UP	dn	UP	dn	dn	UP
23	UP	UP	dn	UP	dn	dn	dn
24	UP	UP	dn	dn	UP	UP	UP
25	UP	UP	dn	dn	UP	UP	dn
26	UP	UP	dn	dn	UP	dn	UP
27	UP	UP	dn	dn	UP	dn	dn
28	UP	UP	dn	dn	dn	UP	UP
29	UP	UP	dn	dn	dn	UP	dn
30	UP	UP	dn	dn	dn	dn	UP
31	UP	UP	dn	dn	dn	dn	dn
32	UP	dn	UP	UP	UP	UP	UP
33	UP	dn	UP	UP	UP	UP	dn
34	UP	dn	UP	UP	UP	dn	UP
35	UP	dn	UP	UP	UP	dn	dn
36	UP	dn	UP	UP	dn	UP	UP
37	UP	dn	UP	UP	dn	UP	dn
38	UP	dn	UP	UP	dn	dn	UP
39	UP	dn	UP	UP	dn	dn	dn
40	UP	dn	UP	dn	UP	UP	UP
41	UP	dn	UP	dn	UP	UP	dn
42	UP	dn	UP	dn	UP	dn	UP
43	UP	dn	UP	dn	UP	dn	dn
44	UP	dn	UP	dn	dn	UP	UP
45	UP	dn	UP	dn	dn	UP	dn
46	UP	dn	UP	dn	dn	dn	UP
47	UP	dn	UP	dn	dn	dn	dn
48	UP	dn	dn	UP	UP	UP	UP
49	UP	dn	dn	UP	UP	UP	dn
50	UP	dn	dn	UP	UP	dn	UP
51	UP	dn	dn	UP	UP	dn	dn
52	UP	dn	dn	UP	dn	UP	UP
53	UP	dn	dn	UP	dn	UP	dn
54	UP	dn	dn	UP	dn	dn	UP
55	UP	dn	dn	UP	dn	dn	dn
56	UP	dn	dn	dn	UP	UP	UP
57	UP	dn	dn	dn	UP	UP	dn
58	UP	dn	dn	dn	UP	dn	UP
59	UP	dn	dn	dn	UP	dn	dn
60	UP	dn	dn	dn	dn	UP	UP
61	UP	dn	dn	dn	dn	UP	dn
62	UP	dn	dn	dn	dn	dn	UP
63	UP	dn	dn	dn	dn	dn	dn
64	dn	UP	UP	UP	UP	UP	UP
BIT VALUE:	64	32	16	8	4	2	1

DIP SWITCH TABLES FOR POLLING LOOP DEVICES

4196 PIR



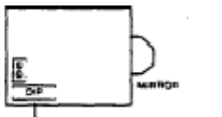
SHOWN SET FOR ID 10



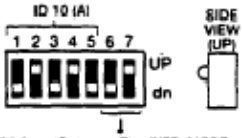
POS.1: MUST BE UP

DEVICE ID	DIP SWITCH POSITION 2	3	4	5	6	7	8
10	UP	UP	UP	dn	UP	dn	UP
11	UP	UP	UP	dn	UP	dn	dn
12	UP	UP	UP	dn	dn	UP	UP
13	UP	UP	UP	dn	dn	UP	dn
14	UP	UP	UP	dn	dn	dn	UP
15	UP	UP	UP	dn	dn	dn	dn
16	UP	UP	dn	UP	UP	UP	UP
17	UP	UP	dn	UP	UP	UP	dn
18	UP	UP	dn	UP	UP	dn	UP
19	UP	UP	dn	UP	UP	dn	dn
20	UP	UP	dn	UP	dn	UP	UP
21	UP	UP	dn	UP	dn	UP	dn
22	UP	UP	dn	UP	dn	dn	UP
23	UP	UP	dn	UP	dn	dn	dn
24	UP	UP	dn	dn	UP	UP	UP
25	UP	UP	dn	dn	UP	UP	dn
26	UP	UP	dn	dn	UP	dn	UP
27	UP	UP	dn	dn	UP	dn	dn
28	UP	UP	dn	dn	dn	UP	UP
29	UP	UP	dn	dn	dn	UP	dn
30	UP	UP	dn	dn	dn	dn	UP
31	UP	UP	dn	dn	dn	dn	dn
32	UP	dn	UP	UP	UP	UP	UP
33	UP	dn	UP	UP	UP	UP	dn
34	UP	dn	UP	UP	UP	dn	UP
35	UP	dn	UP	UP	UP	dn	dn
36	UP	dn	UP	UP	dn	UP	UP
37	UP	dn	UP	UP	dn	UP	dn
38	UP	dn	UP	UP	dn	dn	UP
39	UP	dn	UP	UP	dn	dn	dn
40	UP	dn	UP	dn	UP	UP	UP
41	UP	dn	UP	dn	UP	UP	dn
42	UP	dn	UP	dn	UP	dn	UP
43	UP	dn	UP	dn	UP	dn	dn
44	UP	dn	UP	dn	dn	UP	UP
45	UP	dn	UP	dn	dn	UP	dn
46	UP	dn	UP	dn	dn	dn	UP
47	UP	dn	UP	dn	dn	dn	dn
48	UP	dn	dn	UP	UP	UP	UP
49	UP	dn	dn	UP	UP	UP	dn
50	UP	dn	dn	UP	UP	dn	UP
51	UP	dn	dn	UP	UP	dn	dn
52	UP	dn	dn	UP	dn	UP	UP
53	UP	dn	dn	UP	dn	UP	dn
54	UP	dn	dn	UP	dn	dn	UP
55	UP	dn	dn	UP	dn	dn	dn
56	UP	dn	dn	dn	UP	UP	UP
57	UP	dn	dn	dn	UP	UP	dn
58	UP	dn	dn	dn	UP	dn	UP
59	UP	dn	dn	dn	UP	dn	dn
60	UP	dn	dn	dn	dn	UP	UP
61	UP	dn	dn	dn	dn	UP	dn
62	UP	dn	dn	dn	dn	dn	UP
63	UP	dn	dn	dn	dn	dn	dn
64	dn	UP	UP	UP	UP	UP	UP
BIT VALUE:	64	32	16	8	4	2	1

4275 PIR



SHOWN SET FOR ID 10 (A)



POS 6: UP (A), dn (B) = INST. MODE
dn (A), UP (B) = PULSE COUNT

POS. 7: UP (A), dn (B) = WALK TEST
dn (A), UP (B) = W/T DISABLE

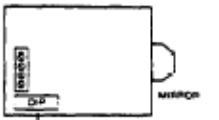
THIS TABLE FOR DIPS WITH WORD "OFF" **A**

DEVICE ID	DIP SWITCH POSITION 1	2	3	4	5
10	dn	UP	dn	UP	dn
11	dn	UP	dn	UP	UP
12	dn	UP	UP	dn	dn
13	dn	UP	UP	dn	UP
14	dn	UP	UP	UP	dn
15	dn	UP	UP	UP	UP
16	UP	dn	dn	dn	dn
17	UP	dn	dn	dn	UP
18	UP	dn	dn	UP	dn
19	UP	dn	dn	UP	UP
20	UP	dn	UP	dn	dn
21	UP	dn	UP	dn	UP
22	UP	dn	UP	UP	dn
23	UP	dn	UP	UP	UP
24	UP	UP	dn	dn	dn
25	UP	UP	dn	dn	UP
26	UP	UP	dn	UP	dn
27	UP	UP	dn	UP	UP
28	UP	UP	UP	dn	dn
29	UP	UP	UP	dn	UP
30	UP	UP	UP	UP	dn
31	UP	UP	UP	UP	UP

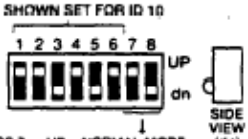
THIS TABLE FOR DIPS WITH WORD "ON" **B**

DEVICE ID	DIP SWITCH POSITION 1	2	3	4	5
10	UP	dn	UP	dn	UP
11	UP	dn	UP	dn	dn
12	UP	dn	dn	UP	UP
13	UP	dn	dn	UP	dn
14	UP	dn	dn	dn	UP
15	UP	dn	dn	dn	dn
16	dn	UP	UP	UP	UP
17	dn	UP	UP	UP	dn
18	dn	UP	UP	dn	UP
19	dn	UP	UP	dn	dn
20	dn	UP	dn	UP	UP
21	dn	UP	dn	UP	dn
22	dn	UP	dn	dn	UP
23	dn	UP	dn	dn	dn
24	dn	dn	UP	UP	UP
25	dn	dn	UP	UP	dn
26	dn	dn	UP	dn	UP
27	dn	dn	UP	dn	dn
28	dn	dn	dn	UP	UP
29	dn	dn	dn	UP	dn
30	dn	dn	dn	dn	UP
31	dn	dn	dn	dn	dn
BIT VALUE:	16	8	4	2	1

4278 PIR



SHOWN SET FOR ID 10

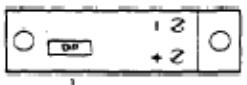


POS 7: UP = NORMAL MODE
dn = INSTANT MODE

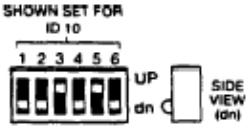
POS. 8: UP = W/T DISABLE
dn = WALK TEST

DEVICE ID	DIP SWITCH POSITION 1	2	3	4	5	6
10	UP	UP	dn	UP	dn	UP
11	UP	UP	dn	UP	dn	dn
12	UP	UP	dn	dn	UP	UP
13	UP	UP	dn	dn	UP	dn
14	UP	UP	dn	dn	dn	UP
15	UP	UP	dn	dn	dn	dn
16	UP	dn	UP	UP	UP	UP
17	UP	dn	UP	UP	UP	dn
18	UP	dn	UP	UP	dn	UP
19	UP	dn	UP	UP	dn	dn
20	UP	dn	UP	dn	UP	UP
21	UP	dn	UP	dn	UP	dn
22	UP	dn	UP	dn	dn	UP
23	UP	dn	UP	dn	dn	dn
24	UP	dn	dn	UP	UP	UP
25	UP	dn	dn	UP	UP	dn
26	UP	dn	dn	UP	dn	UP
27	UP	dn	dn	UP	dn	dn
28	UP	dn	dn	dn	UP	UP
29	UP	dn	dn	dn	UP	dn
30	UP	dn	dn	dn	dn	UP
31	UP	dn	dn	dn	dn	dn
32	dn	UP	UP	UP	UP	UP
33	dn	UP	UP	UP	UP	dn
34	dn	UP	UP	UP	dn	UP
35	dn	UP	UP	UP	dn	dn
36	dn	UP	UP	dn	UP	UP
37	dn	UP	UP	dn	UP	dn
38	dn	UP	UP	dn	dn	UP
39	dn	UP	UP	dn	dn	dn
40	dn	UP	dn	UP	UP	UP
41	dn	UP	dn	UP	UP	dn
42	dn	UP	dn	UP	dn	UP
43	dn	UP	dn	UP	dn	dn
44	dn	UP	dn	dn	UP	UP
45	dn	UP	dn	dn	UP	dn
46	dn	UP	dn	dn	dn	UP
47	dn	UP	dn	dn	dn	dn
48	dn	dn	UP	UP	UP	UP
49	dn	dn	UP	UP	UP	dn
50	dn	dn	UP	UP	dn	UP
51	dn	dn	UP	UP	dn	dn
52	dn	dn	UP	dn	UP	UP
53	dn	dn	UP	dn	UP	dn
54	dn	dn	UP	dn	dn	UP
55	dn	dn	UP	dn	dn	dn
56	dn	dn	dn	UP	UP	UP
57	dn	dn	dn	UP	UP	dn
58	dn	dn	dn	UP	dn	UP
59	dn	dn	dn	UP	dn	dn
60	dn	dn	dn	dn	UP	UP
61	dn	dn	dn	dn	UP	dn
62	dn	dn	dn	dn	dn	UP
63	dn	dn	dn	dn	dn	dn
BIT VALUE:	32	16	8	4	2	1

4194 Reed Contact (Surface Mount)



SHOWN SET FOR ID 10



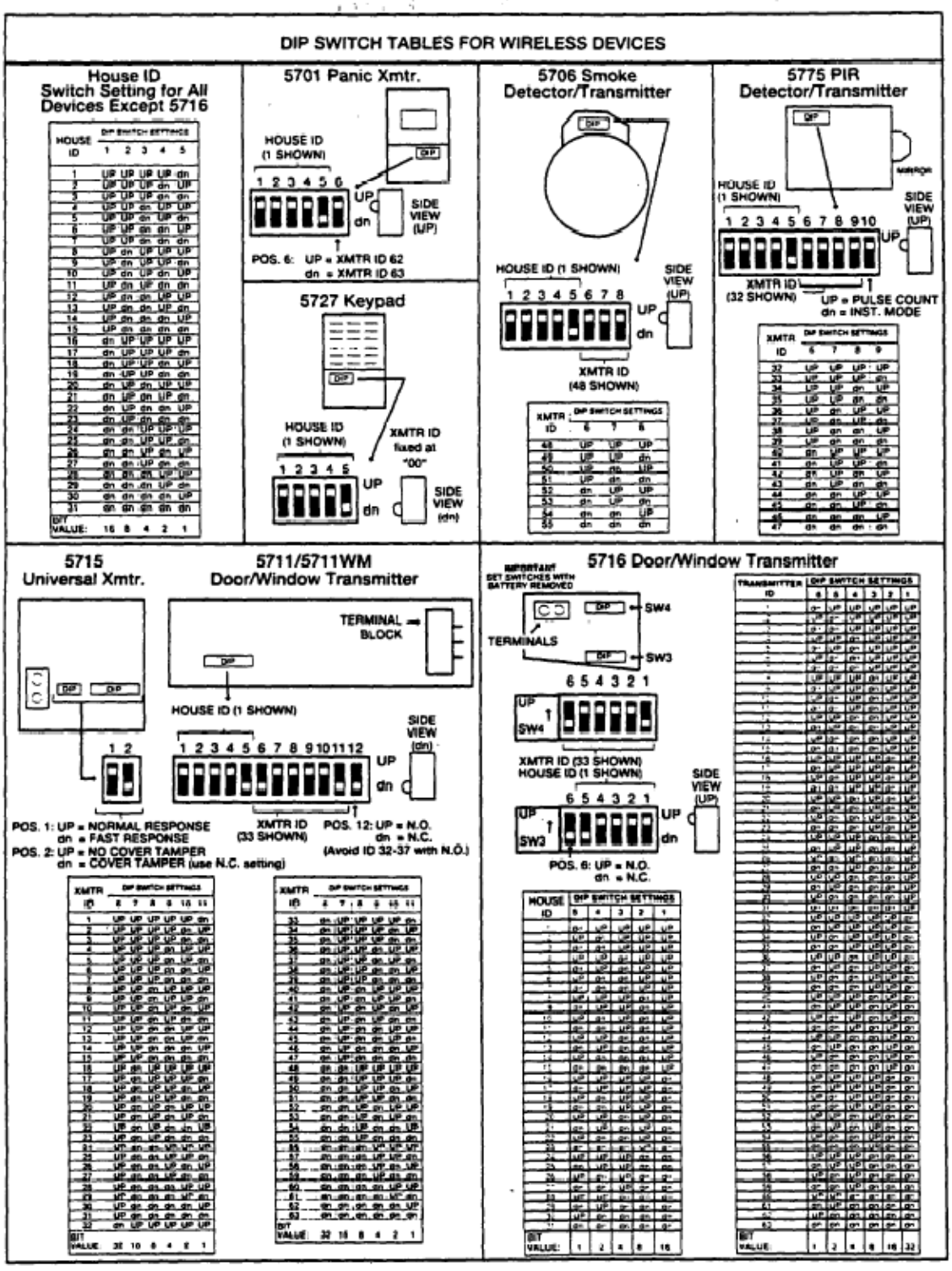
DEVICE ID	DIP SWITCH POSITION 1	2	3	4	5	6
10	dn	dn	UP	dn	UP	dn
11	dn	dn	UP	dn	UP	UP
12	dn	dn	UP	UP	dn	dn
13	dn	dn	UP	UP	dn	UP
14	dn	dn	UP	UP	UP	dn
15	dn	dn	UP	UP	UP	UP
16	dn	UP	dn	dn	dn	dn
17	dn	UP	dn	dn	dn	UP
18	dn	UP	dn	dn	UP	dn
19	dn	UP	dn	dn	UP	UP
20	dn	UP	dn	UP	dn	dn
21	dn	UP	dn	UP	dn	UP
22	dn	UP	dn	UP	UP	dn
23	dn	UP	dn	UP	UP	UP
24	dn	UP	UP	dn	dn	dn
25	dn	UP	UP	dn	dn	UP
26	dn	UP	UP	dn	UP	dn
27	dn	UP	UP	dn	UP	UP
28	dn	UP	UP	UP	dn	dn
29	dn	UP	UP	UP	dn	UP
30	dn	UP	UP	UP	UP	dn
31	dn	UP	UP	UP	UP	UP
32	UP	dn	dn	dn	dn	dn
33	UP	dn	dn	dn	dn	UP
34	UP	dn	dn	dn	UP	dn
35	UP	dn	dn	dn	UP	UP
36	UP	dn	dn	UP	dn	dn
37	UP	dn	dn	UP	dn	UP
38	UP	dn	dn	UP	UP	dn
39	UP	dn	dn	UP	UP	UP
40	UP	dn	UP	dn	dn	dn
41	UP	dn	UP	dn	dn	UP
42	UP	dn	UP	dn	UP	dn
43	UP	dn	UP	dn	UP	UP
44	UP	dn	UP	UP	dn	dn
45	UP	dn	UP	UP	dn	UP
46	UP	dn	UP	UP	UP	dn
47	UP	dn	UP	UP	UP	UP
48	UP	UP	dn	dn	dn	dn
49	UP	UP	dn	dn	dn	UP
50	UP	UP	dn	dn	UP	dn
51	UP	UP	dn	dn	UP	UP
52	UP	UP	dn	UP	dn	dn
53	UP	UP	dn	UP	dn	UP
54	UP	UP	dn	UP	UP	dn
55	UP	UP	dn	UP	UP	UP
56	UP	UP	UP	dn	dn	dn
57	UP	UP	UP	dn	dn	UP
58	UP	UP	UP	dn	UP	dn
59	UP	UP	UP	dn	UP	UP
60	UP	UP	UP	UP	dn	dn
61	UP	UP	UP	UP	dn	UP
62	UP	UP	UP	UP	UP	dn
63	UP	UP	UP	UP	UP	UP
BIT VALUE:	32	16	8	4	2	1

Wireless:

Set up house ID in field 1*51:

1*51 4281 HOUSE ID Enter 01–31 [ ]

Set you dips on your wireless device, according to the zone being used:



Now we need to tell the panel that the zone is wireless this is done in fields:

SELECTION OF WIRELESS FOR ZONES 1–63
Enter "1" to enable a zone as wireless; 0=non-wireless

1•18								
ZONES:	1	2	3	4	5	6	7	8
1•19								
ZONES:	9	10	11	12	13	14	15	16
1•20								
ZONES:	17	18	19	20	21	22	23	24
1•21								
ZONES:	25	26	27	28	29	30	31	32
1•22								
ZONES:	33	34	35	36	37	38	39	40
1•23								
ZONES:	41	42	43	44	45	46	47	48
1•24								
ZONES:	49	50	51	52	53	54	55	56
1•25								
ZONES:	57	58	59	60	61	62	63	

To exit programming enter *99.