

### Addressing PAD Protocol Detectors & Modules

All PAD detectors' and modules' addresses are set by changing the dip switches located on each device. An address must be set prior to connection.

#### PAD Addresses

PAD addresses are comprised of a *seven (7) position dip switch* used to program each device with an address ranging from 1–127. Refer to the table below to set dip switches on any PAD detector or module.

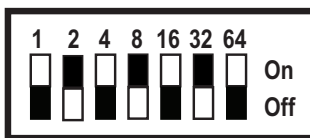
**Note:** Each "gray" box indicates that the dip switch is "On," and each "white" box indicates "Off."

1	2	4	8	16	32	64	1	2	4	8	16	32	64	1	2	4	8	16	32	64	1	2	4	8	16	32	64	1	2	4	8	16	32	64
1	Gray	White	White	White	White	White	27	Gray	White	White	White	White	White	53	White	White	White	White	White	White	78	Gray	White	White	White	White	103	Gray	White	White	White	White	White	
2	White	White	White	White	White	White	28	White	White	White	White	White	White	54	White	White	White	White	White	White	79	White	White	White	White	White	104	White	White	White	White	White		
3	White	White	White	White	White	White	29	White	White	White	White	White	White	55	White	White	White	White	White	White	80	White	White	White	White	White	105	White	White	White	White	White		
4	White	White	White	White	White	White	30	White	White	White	White	White	White	56	White	White	White	White	White	White	81	White	White	White	White	White	106	White	White	White	White	White		
5	White	White	White	White	White	White	31	White	White	White	White	White	White	57	White	White	White	White	White	White	82	White	White	White	White	White	107	White	White	White	White	White		
6	White	White	White	White	White	White	32	White	White	White	White	White	White	58	White	White	White	White	White	White	83	White	White	White	White	White	108	White	White	White	White	White		
7	White	White	White	White	White	White	33	White	White	White	White	White	White	59	White	White	White	White	White	White	84	White	White	White	White	White	109	White	White	White	White	White		
8	White	White	White	White	White	White	34	White	White	White	White	White	White	60	White	White	White	White	White	White	85	White	White	White	White	White	110	White	White	White	White	White		
9	White	White	White	White	White	White	35	White	White	White	White	White	White	61	White	White	White	White	White	White	86	White	White	White	White	White	111	White	White	White	White	White		
10	White	White	White	White	White	White	36	White	White	White	White	White	White	62	White	White	White	White	White	White	87	White	White	White	White	White	112	White	White	White	White	White		
11	White	White	White	White	White	White	37	White	White	White	White	White	White	63	White	White	White	White	White	White	88	White	White	White	White	White	113	White	White	White	White	White		
12	White	White	White	White	White	White	38	White	White	White	White	White	White	64	White	White	White	White	White	White	89	White	White	White	White	White	114	White	White	White	White	White		
13	White	White	White	White	White	White	39	White	White	White	White	White	White	65	White	White	White	White	White	White	90	White	White	White	White	White	115	White	White	White	White	White		
14	White	White	White	White	White	White	40	White	White	White	White	White	White	66	White	White	White	White	White	White	91	White	White	White	White	White	116	White	White	White	White	White		
15	White	White	White	White	White	White	41	White	White	White	White	White	White	67	White	White	White	White	White	White	92	White	White	White	White	White	117	White	White	White	White	White		
16	White	White	White	White	White	White	42	White	White	White	White	White	White	68	White	White	White	White	White	White	93	White	White	White	White	White	118	White	White	White	White	White		
17	White	White	White	White	White	White	43	White	White	White	White	White	White	69	White	White	White	White	White	White	94	White	White	White	White	White	119	White	White	White	White	White		
18	White	White	White	White	White	White	44	White	White	White	White	White	White	70	White	White	White	White	White	White	95	White	White	White	White	White	120	White	White	White	White	White		
19	White	White	White	White	White	White	45	White	White	White	White	White	White	71	White	White	White	White	White	White	96	White	White	White	White	White	121	White	White	White	White	White		
20	White	White	White	White	White	White	46	White	White	White	White	White	White	72	White	White	White	White	White	White	97	White	White	White	White	White	122	White	White	White	White	White		
21	White	White	White	White	White	White	47	White	White	White	White	White	White	73	White	White	White	White	White	White	98	White	White	White	White	White	123	White	White	White	White	White		
22	White	White	White	White	White	White	48	White	White	White	White	White	White	74	White	White	White	White	White	White	99	White	White	White	White	White	124	White	White	White	White	White		
23	White	White	White	White	White	White	49	White	White	White	White	White	White	75	White	White	White	White	White	White	100	White	White	White	White	White	125	White	White	White	White	White		
24	White	White	White	White	White	White	50	White	White	White	White	White	White	76	White	White	White	White	White	White	101	White	White	White	White	White	126	White	White	White	White	White		
25	White	White	White	White	White	White	51	White	White	White	White	White	White	77	White	White	White	White	White	White	102	White	White	White	White	White	127	White	White	White	White	White		
26	White	White	White	White	White	White	52	White	White	White	White	White	White																					

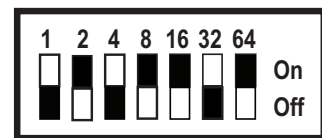
The examples shown below illustrate a PAD device's dip switch settings: the 1st example shows a device *not addressed* where all dip switch settings are in the *default "Off" position*, the 2nd illustrates an *addressed PAD device* via the dip switch settings.



All dip switches are set to the default "OFF" position.  
(Device Not Addressed)



Dip switches set for address 42.  
Switches #2, 8, & 32 are "ON".  
(2+8+32=42)



Dip switches set for address 90.  
Switches #2, 8, 16 & 64 are "ON".  
(2+8+16+64=90)