

<b>Input Wiring for Systems with Cannon NK 27 Style Connectors</b>			
<b>3 to 12 Channels</b>		<b>13 to 24 Channels</b>	
<b>Channel</b>	<b>Pin</b>	<b>Channel</b>	<b>Pin</b>
+1	23	+13	1
-1	24	-13	2
+2	21	+14	3
-2	22	-14	4
+3	19	+15	5
-3	20	-15	6
+4	17	+16	7
-4	18	-16	8
+5	15	+17	9
-5	16	-17	10
+6	13	+18	11
-6	14	-18	12
+7	11	+19	13
-7	12	-19	14
+8	9	+20	15
-8	10	-20	16
+9	7	+21	17
-9	8	-21	18
+10	5	+22	19
-10	6	-22	20
+11	3	+23	21
-11	4	-23	22
+12	1	+24	23
-12	2	-24	24
NC	25	NC	25
NC	26	NC	26
GND	27	GND	27

A geophone extension cable can be constructed with the above connector on one end and a Cannon NK-27-22C (Geometrics part No. 21-133-037) on the other end.

The Geode as well as the 48 and 60-channel StrataVisor™ seismographs use 61-pin Bendix connectors. The mating connector is Bendix PT06-24-61S(SR) or an equivalent connector from another manufacturer. The wiring scheme is shown below.

<b>Geophone Connector Pin Assignments for Geode 3 to 24 Channel Systems and For StrataVisor NZ 3-48 Channel Systems Using Bendix Style Connectors</b>				
<b>Bendix Connector 1</b>		<b>Bendix Connector 2</b>		<b>Pin Configuration For Cannon NK27 Adapter Cable</b>
<b>Channel</b>	<b>Pins</b>	<b>Channel</b>	<b>Pins</b>	<b>Pin</b>
1	z/AA	25	A/B	23/24
2	x/y	26	C/D	21/22
3	v/w	27	E/F	19/20
4	t/u	28	G/H	17/18
5	r/s	29	J/K	15/16
6	p/q	30	L/M	13/14
7	m/n	31	N/P	11/12

8	j/k	32	R/S	9/10
9	h/i	33	T/U	7/8
10	f/g	34	V/W	5/6
11	d/e	35	X/Y	3/4
12	b/c	36	Z/a	1/2
13	Z/a	37	b/c	1/2
14	X/Y	38	d/e	3/4
15	V/W	39	f/g	5/6
16	T/U	40	h/i	7/8
17	R/S	41	j/k	9/10
18	N/P	42	m/n	11/12
19	L/M	43	p/q	13/14
20	J/K	44	r/s	15/16
21	G/H	45	t/u	17/18
22	E/F	46	v/w	19/20
23	C/D	47	x/y	21/22
24	A/B	48	z/AA	23/24
GND	PP		PP	27

Notes:

1. Each channel has two inputs, the first listed in the table goes to the + input, second to the – input.
2. Pins BB through NN are not used in the StrataView/Visor 48 channel system

<b>Geophone Connector Pin Assignments for StrataVisor NZ Seismographs with 49 to 60 Channels</b>			
<b>Bendix Connector 1</b>		<b>Bendix Connector 2</b>	
<b>Channel</b>	<b>Pins</b>	<b>Channel</b>	<b>Pins</b>
1	z/AA	31	MM/NN
2	x/y	32	KK/LL
3	v/w	33	HH/JJ
4	t/u	34	FF/GG
5	r/s	35	DD/EE
6	p/q	36	BB/CC
7	m/n	37	A/B
8	j/k	38	C/D
9	h/i	39	E/F
10	f/g	40	G/H
11	d/e	41	J/K
12	b/c	42	L/M
13	Z/a	43	N/P
14	X/Y	44	R/S
15	V/W	45	T/U
16	T/U	46	V/W
17	R/S	47	X/Y
18	N/P	48	Z/a
19	L/M	49	b/c
20	J/K	50	d/e
21	G/H	51	f/g
22	E/F	52	h/i
23	C/D	53	j/k
24	A/B	54	m/n
25	BB/CC	55	p/q
26	DD/EE	56	r/s
27	FF/GG	57	t/u
28	HH/JJ	58	v/w
29	KK/LL	59	x/y
30	MM/NN	60	z/AA
GND	PP	GND	PP

Notes:

1. Each channel has two inputs, the first listed in the table goes to the + input, second to the – input.

