

KEYS CONNECTOR 1

01 02 03 04 05 06 07 08 09 10  
11 12 13 14 15 16 17 18 19 20

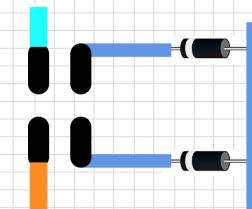
KEYS CONNECTOR 2

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

ARDUINO WIRING TABLE

C1	A	DIAG	C2	A	DIAG
1	22	MK0	21	42	MK5
2	24	BRO	22	44	BR5
3	26	MK1	23	46	MK6
4	28	BR1	24	48	BR6
5	30	MK2	25	50	MK7
6	32	BR2	26	52	BR7
7	34	MK3	27	18	MK8
8	36	BR3	28	19	BR8
9	38	MK4	29	20	MK9
10	40	BR4	30	21	R9
11	23	T0	31	43	T0
12	25	T1	32	45	T1
13	27	T2	33	47	T2
14	29	T3	34	49	T3
15	31	T4	35	51	T4
16	33	T5	36	53	T5
17	35	T6	37	14	T6
18	37	T7	38	15	T7
19	39		39	16	BR10
20	41		40	17	MK10

#### REPRESENTATION OF A KEY CONTACT



KEYS MAP

MIDI number	Note name	Keyboard	Frequency Hz	Per cent
21	C2	A0	27.500	36.36
23	D2	B0	30.868	29.135
24	E2	C1	33.000	36.36
26	F2	D1	36.708	34.468
27	G2	E1	40.000	31.274
29	A2	F1	43.654	34.468
33	D3	G1	48.995	45.493
34	E3	A1	53.227	22.91
36	F3	C2	61.735	58.270
38	G3	D2	65.406	16.20
39	A3	E2	62.407	16.20
41	D4	F2	67.307	12.13
43	E4	G2	70.000	11.45
44	F4	A2	109.000	10.83
45	G4	B2	123.471	16.84
46	A4	C3	138.591	13.56
49	D5	E3	146.855	13.59
51	E5	F3	174.614	6.811
52	F5	G3	195.000	5.102
54	G5	A3	220.000	5.102
57	A5	B3	242.944	2.338
60	D6	C4	241.643	3.822
62	E6	D4	256.936	2.338
63	F6	E4	329.635	3.111
64	G6	F4	349.235	3.094
65	A6	G4	392.000	2.963
68	D7	A5	449.040	2.153
69	E7	B5	455.885	4.155
70	F7	C6	466.166	4.155
73	G7	D6	587.333	554.57
74	A7	E6	592.622	2.157
75	B7	F6	605.446	2.157
76	C8	G7	783.99	783.99
78	D8	A7	785.99	785.99
81	E8	B7	897.771	932.33
84	F8	C8	987.771	1.012
85	G8	D7	1046.5	0.9556
86	A8	E7	1108.7	0.9556
87	B8	F7	1151.8	1.0445
89	C9	G8	1193.9	1.0759
90	D9	A8	1244.9	1.0759
91	E9	B8	1269.0	1.012
92	F9	C9	1769.0	1.6612
94	G9	D9	1975.9	1.6641
95	A9	E9	2093.6	0.9062
97	B9	F9	2349.3	0.9062
97	C10	G9	2349.3	2.1115
97	D10	A9	2460.5	4.2527
99	E10	B9	2799.0	4.2527
100	F10	C10	3196.0	2.9590
102	G10	D10	3520.0	3.0189
103	A10	E10	3520.0	3.0184
104	B10	F10	3520.0	3.0184
108	C11	G10	4186.0	2.3398
<i>I. Vokal, 1992</i>				