

Filterscape + Zebra Knob-to-MIDI/Frequency Mapping

Note	MIDI	Frequency (Hz)	Cutoff f	Eq f_c
C	0	8.176	0	
C#	0	8.662	1	
D	0	9.177	2	
D#	0	9.723	3	
E	0	10.301	4	
F	0	10.913	5	
F#	0	11.562	6	
G	0	12.250	7	
G#	0	12.978	8	
A	0	13.750	9	
A#	0	14.568	10	
B	0	15.434	11	
C	1	16.352	12	
C#	1	17.324	13	
D	1	18.354	14	
D#	1	19.445	15	
E	1	20.602	16	
F	1	21.827	17	
F#	1	23.125	18	
G	1	24.500	19	
G#	1	25.957	20	
A	1	27.500	21	
A#	1	29.135	22	
B	1	30.868	23	
C	2	32.703	24	
C#	2	34.648	25	
D	2	36.708	26	
D#	2	38.891	27	
E	2	41.203	28	
F	2	43.654	29	
F#	2	46.249	30	
G	2	48.999	31	
G#	2	51.913	32	
A	2	55.000	33	
A#	2	58.270	34	
B	2	61.735	35	
C	3	65.406	36	
C#	3	69.296	37	
D	3	73.416	38	
D#	3	77.782	39	
E	3	82.407	40	
F	3	87.307	41	
F#	3	92.499	42	
G	3	97.999	43	
G#	3	103.826	44	
A	3	110.000	45	
A#	3	116.541	46	
B	3	123.471	47	

Note	MIDI	Frequency (Hz)	Cutoff f	Eq f_c
C	4	130.813	48	0
C#	4	138.591	49	1
D	4	146.832	50	2
D#	4	155.563	51	3
E	4	164.814	52	4
F	4	174.614	53	5
F#	4	184.997	54	6
G	4	195.998	55	7
G#	4	207.652	56	8
A	4	220.000	57	9
A#	4	233.082	58	10
B	4	246.942	59	11
C	5	261.626	60	12
C#	5	277.183	61	13
D	5	293.665	62	14
D#	5	311.127	63	15
E	5	329.628	64	16
F	5	349.228	65	17
F#	5	369.994	66	18
G	5	391.995	67	19
G#	5	415.305	68	20
A	5	440.000	69	21
A#	5	466.164	70	22
B	5	493.883	71	23
C	6	523.251	72	24
C#	6	554.365	73	25
D	6	587.330	74	26
D#	6	622.254	75	27
E	6	659.255	76	28
F	6	698.456	77	29
F#	6	739.989	78	30
G	6	783.991	79	31
G#	6	830.609	80	32
A	6	880.000	81	33
A#	6	932.328	82	34
B	6	987.767	83	35
C	7	1046.502	84	36
C#	7	1108.731	85	37
D	7	1174.659	86	38
D#	7	1244.508	87	39
E	7	1318.510	88	40
F	7	1396.913	89	41
F#	7	1479.978	90	42
G	7	1567.982	91	43
G#	7	1661.219	92	44
A	7	1760.000	93	45
A#	7	1864.655	94	46
B	7	1975.533	95	47

Note	MIDI	Frequency (Hz)	Cutoff f	Eq f_c
C	8	2093.005	96	48
C#	8	2217.461	97	49
D	8	2349.318	98	50
D#	8	2489.016	99	51
E	8	2637.020	100	52
F	8	2793.826	101	53
F#	8	2959.955	102	54
G	8	3135.963	103	55
G#	8	3322.438	104	56
A	8	3520.000	105	57
A#	8	3729.310	106	58
B	8	3951.066	107	59
C	9	4186.009	108	60
C#	9	4434.922	109	61
D	9	4698.636	110	62
D#	9	4978.032	111	63
E	9	5274.041	112	64
F	9	5587.652	113	65
F#	9	5919.911	114	66
G	9	6271.927	115	67
G#	9	6644.875	116	68
A	9	7040.000	117	69
A#	9	7458.620	118	70
B	9	7902.133	119	71
C	10	8372.018	120	72
C#	10	8869.844	121	73
D	10	9397.273	122	74
D#	10	9956.063	123	75
E	10	10548.082	124	76
F	10	11175.303	125	77
F#	10	11839.822	126	78
G	10	12543.854	127	79
G#	10	13289.750	128	80
A	10	14080.000	129	81
A#	10	14917.240	130	82
B	10	15804.266	131	83
C	11	16744.036	132	84
C#	11	17739.688	133	85
D	11	18794.545	134	86
D#	11	19912.127	135	87
E	11	21096.164	136	88
F	11	22350.607	137	89
F#	11	23679.643	138	90
G	11	25087.708	139	91
G#	11	26579.501	140	92
A	11	28160.000	141	93
A#	11	29834.481	142	94
B	11	31608.531	143	95
C	12	33488.072	144	96
C#	12	35479.377	145	97
D	12	37589.090	146	98
D#	12	39824.254	147	99
E	12	42192.327	148	100
F	12	44701.214	149	
F#	12	47359.286	150	