

For those of you who are musicians:

If you are playing and you get feedback check which note(s) is(are) feeding Back

against this chart so that you can use your equalizer and lower the offending frequency.

### FREQUENCIES OF MUSICAL NOTES

A<sub>4</sub> = 440 Hz, ("Middle C" is C<sub>4</sub>)

NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)	NOTE	FREQ (Hz)
C <sub>0</sub>	16.35	C <sub>1</sub>	32.70	C <sub>2</sub>	65.41	C <sub>3</sub>	130.81	C <sub>4</sub>	261.63	C <sub>5</sub>	523.25	C <sub>6</sub>	1046.50	C <sub>7</sub>	2093.00
C <sup>#</sup> <sub>0</sub> /D <sup>b</sup> <sub>0</sub>	17.32	C <sup>#</sup> <sub>1</sub> /D <sup>b</sup> <sub>1</sub>	34.65	C <sup>#</sup> <sub>2</sub> /D <sup>b</sup> <sub>2</sub>	69.30	C <sup>#</sup> <sub>3</sub> /D <sup>b</sup> <sub>3</sub>	138.59	C <sup>#</sup> <sub>4</sub> /D <sup>b</sup> <sub>4</sub>	277.18	C <sup>#</sup> <sub>5</sub> /D <sup>b</sup> <sub>5</sub>	554.37	C <sup>#</sup> <sub>6</sub> /D <sup>b</sup> <sub>6</sub>	1108.73	C <sup>#</sup> <sub>7</sub> /D <sup>b</sup> <sub>7</sub>	2217.46
D <sub>0</sub>	18.35	D <sub>1</sub>	36.71	D <sub>2</sub>	73.42	D <sub>3</sub>	146.83	D <sub>4</sub>	293.66	D <sub>5</sub>	587.33	D <sub>6</sub>	1174.66	D <sub>7</sub>	2349.32
D <sup>#</sup> <sub>0</sub> /E <sup>b</sup> <sub>0</sub>	19.45	D <sup>#</sup> <sub>1</sub> /E <sup>b</sup> <sub>1</sub>	38.89	D <sup>#</sup> <sub>2</sub> /E <sup>b</sup> <sub>2</sub>	77.78	D <sup>#</sup> <sub>3</sub> /E <sup>b</sup> <sub>3</sub>	155.56	D <sup>#</sup> <sub>4</sub> /E <sup>b</sup> <sub>4</sub>	311.13	D <sup>#</sup> <sub>5</sub> /E <sup>b</sup> <sub>5</sub>	622.25	D <sup>#</sup> <sub>6</sub> /E <sup>b</sup> <sub>6</sub>	1244.51	D <sup>#</sup> <sub>7</sub> /E <sup>b</sup> <sub>7</sub>	2489.02
E <sub>0</sub>	20.60	E <sub>1</sub>	41.20	E <sub>2</sub>	82.41	E <sub>3</sub>	164.81	E <sub>4</sub>	329.63	E <sub>5</sub>	659.26	E <sub>6</sub>	1318.51	E <sub>7</sub>	2637.02
F <sub>0</sub>	21.83	F <sub>1</sub>	43.65	F <sub>2</sub>	87.31	F <sub>3</sub>	174.61	F <sub>4</sub>	349.23	F <sub>5</sub>	698.46	F <sub>6</sub>	1396.91	F <sub>7</sub>	2793.83
F <sup>#</sup> <sub>0</sub> /G <sup>b</sup> <sub>0</sub>	23.12	F <sup>#</sup> <sub>1</sub> /G <sup>b</sup> <sub>1</sub>	46.25	F <sup>#</sup> <sub>2</sub> /G <sup>b</sup> <sub>2</sub>	92.50	F <sup>#</sup> <sub>3</sub> /G <sup>b</sup> <sub>3</sub>	185.00	F <sup>#</sup> <sub>4</sub> /G <sup>b</sup> <sub>4</sub>	369.99	F <sup>#</sup> <sub>5</sub> /G <sup>b</sup> <sub>5</sub>	739.99	F <sup>#</sup> <sub>6</sub> /G <sup>b</sup> <sub>6</sub>	1479.98	F <sup>#</sup> <sub>7</sub> /G <sup>b</sup> <sub>7</sub>	2959.96
G <sub>0</sub>	24.50	G <sub>1</sub>	49.00	G <sub>2</sub>	98.00	G <sub>3</sub>	196.00	G <sub>4</sub>	392.00	G <sub>5</sub>	783.99	G <sub>6</sub>	1567.98	G <sub>7</sub>	3135.96
G <sup>#</sup> <sub>0</sub> /A <sup>b</sup> <sub>0</sub>	25.96	G <sup>#</sup> <sub>1</sub> /A <sup>b</sup> <sub>1</sub>	51.91	G <sup>#</sup> <sub>2</sub> /A <sup>b</sup> <sub>2</sub>	103.83	G <sup>#</sup> <sub>3</sub> /A <sup>b</sup> <sub>3</sub>	207.65	G <sup>#</sup> <sub>4</sub> /A <sup>b</sup> <sub>4</sub>	415.30	G <sup>#</sup> <sub>5</sub> /A <sup>b</sup> <sub>5</sub>	830.61	G <sup>#</sup> <sub>6</sub> /A <sup>b</sup> <sub>6</sub>	1661.22	G <sup>#</sup> <sub>7</sub> /A <sup>b</sup> <sub>7</sub>	3322.44
A <sub>0</sub>	27.50	A <sub>1</sub>	55.00	A <sub>2</sub>	110.00	A <sub>3</sub>	220.00	A <sub>4</sub>	440.00	A <sub>5</sub>	880.00	A <sub>6</sub>	1760.00	A <sub>7</sub>	3520.00
A <sup>#</sup> <sub>0</sub> /B <sup>b</sup> <sub>0</sub>	29.14	A <sup>#</sup> <sub>1</sub> /B <sup>b</sup> <sub>1</sub>	58.27	A <sup>#</sup> <sub>2</sub> /B <sup>b</sup> <sub>2</sub>	116.54	A <sup>#</sup> <sub>3</sub> /B <sup>b</sup> <sub>3</sub>	233.08	A <sup>#</sup> <sub>4</sub> /B <sup>b</sup> <sub>4</sub>	466.16	A <sup>#</sup> <sub>5</sub> /B <sup>b</sup> <sub>5</sub>	932.33	A <sup>#</sup> <sub>6</sub> /B <sup>b</sup> <sub>6</sub>	1864.66	A <sup>#</sup> <sub>7</sub> /B <sup>b</sup> <sub>7</sub>	3729.31
B <sub>0</sub>	30.87	B <sub>1</sub>	61.74	B <sub>2</sub>	123.47	B <sub>3</sub>	246.94	B <sub>4</sub>	493.88	B <sub>5</sub>	987.77	B <sub>6</sub>	1975.53	B <sub>7</sub>	3951.07

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C <sub>0</sub>	16.35	C <sub>1</sub>	32.70	C <sub>2</sub>	65.41	C <sub>3</sub>	130.81	C <sub>4</sub>	261.63	C <sub>5</sub>	523.25	C <sub>6</sub>	1046.50	C <sub>7</sub>	2093.00
C <sup>#</sup> <sub>0</sub> /D <sup>b</sup> <sub>0</sub>	17.32	C <sup>#</sup> <sub>1</sub> /D <sup>b</sup> <sub>1</sub>	34.65	C <sup>#</sup> <sub>2</sub> /D <sup>b</sup> <sub>2</sub>	69.30	C <sup>#</sup> <sub>3</sub> /D <sup>b</sup> <sub>3</sub>	138.59	C <sup>#</sup> <sub>4</sub> /D <sup>b</sup> <sub>4</sub>	277.18	C <sup>#</sup> <sub>5</sub> /D <sup>b</sup> <sub>5</sub>	554.37	C <sup>#</sup> <sub>6</sub> /D <sup>b</sup> <sub>6</sub>	1108.73	C <sup>#</sup> <sub>7</sub> /D <sup>b</sup> <sub>7</sub>	2217.46
D <sub>0</sub>	18.35	D <sub>1</sub>	36.71	D <sub>2</sub>	73.42	D <sub>3</sub>	146.83	D <sub>4</sub>	293.66	D <sub>5</sub>	587.33	D <sub>6</sub>	1174.66	D <sub>7</sub>	2349.32
D <sup>#</sup> <sub>0</sub> /E <sup>b</sup> <sub>0</sub>	19.45	D <sup>#</sup> <sub>1</sub> /E <sup>b</sup> <sub>1</sub>	38.89	D <sup>#</sup> <sub>2</sub> /E <sup>b</sup> <sub>2</sub>	77.78	D <sup>#</sup> <sub>3</sub> /E <sup>b</sup> <sub>3</sub>	155.56	D <sup>#</sup> <sub>4</sub> /E <sup>b</sup> <sub>4</sub>	311.13	D <sup>#</sup> <sub>5</sub> /E <sup>b</sup> <sub>5</sub>	622.25	D <sup>#</sup> <sub>6</sub> /E <sup>b</sup> <sub>6</sub>	1244.51	D <sup>#</sup> <sub>7</sub> /E <sup>b</sup> <sub>7</sub>	2489.02
E <sub>0</sub>	20.60	E <sub>1</sub>	41.20	E <sub>2</sub>	82.41	E <sub>3</sub>	164.81	E <sub>4</sub>	329.63	E <sub>5</sub>	659.26	E <sub>6</sub>	1318.51	E <sub>7</sub>	2637.02
F <sub>0</sub>	21.83	F <sub>1</sub>	43.65	F <sub>2</sub>	87.31	F <sub>3</sub>	174.61	F <sub>4</sub>	349.23	F <sub>5</sub>	698.46	F <sub>6</sub>	1396.91	F <sub>7</sub>	2793.83
F <sup>#</sup> <sub>0</sub> /G <sup>b</sup> <sub>0</sub>	23.12	F <sup>#</sup> <sub>1</sub> /G <sup>b</sup> <sub>1</sub>	46.25	F <sup>#</sup> <sub>2</sub> /G <sup>b</sup> <sub>2</sub>	92.50	F <sup>#</sup> <sub>3</sub> /G <sup>b</sup> <sub>3</sub>	185.00	F <sup>#</sup> <sub>4</sub> /G <sup>b</sup> <sub>4</sub>	369.99	F <sup>#</sup> <sub>5</sub> /G <sup>b</sup> <sub>5</sub>	739.99	F <sup>#</sup> <sub>6</sub> /G <sup>b</sup> <sub>6</sub>	1479.98	F <sup>#</sup> <sub>7</sub> /G <sup>b</sup> <sub>7</sub>	2959.96
G <sub>0</sub>	24.50	G <sub>1</sub>	49.00	G <sub>2</sub>	98.00	G <sub>3</sub>	196.00	G <sub>4</sub>	392.00	G <sub>5</sub>	783.99	G <sub>6</sub>	1567.98	G <sub>7</sub>	3135.96
G <sup>#</sup> <sub>0</sub> /A <sup>b</sup> <sub>0</sub>	25.96	G <sup>#</sup> <sub>1</sub> /A <sup>b</sup> <sub>1</sub>	51.91	G <sup>#</sup> <sub>2</sub> /A <sup>b</sup> <sub>2</sub>	103.83	G <sup>#</sup> <sub>3</sub> /A <sup>b</sup> <sub>3</sub>	207.65	G <sup>#</sup> <sub>4</sub> /A <sup>b</sup> <sub>4</sub>	415.30	G <sup>#</sup> <sub>5</sub> /A <sup>b</sup> <sub>5</sub>	830.61	G <sup>#</sup> <sub>6</sub> /A <sup>b</sup> <sub>6</sub>	1661.22	G <sup>#</sup> <sub>7</sub> /A <sup>b</sup> <sub>7</sub>	3322.44
A <sub>0</sub>	27.50	A <sub>1</sub>	55.00	A <sub>2</sub>	110.00	A <sub>3</sub>	220.00	A <sub>4</sub>	440.00	A <sub>5</sub>	880.00	A <sub>6</sub>	1760.00	A <sub>7</sub>	3520.00
A <sup>#</sup> <sub>0</sub> /B <sup>b</sup> <sub>0</sub>	29.14	A <sup>#</sup> <sub>1</sub> /B <sup>b</sup> <sub>1</sub>	58.27	A <sup>#</sup> <sub>2</sub> /B <sup>b</sup> <sub>2</sub>	116.54	A <sup>#</sup> <sub>3</sub> /B <sup>b</sup> <sub>3</sub>	233.08	A <sup>#</sup> <sub>4</sub> /B <sup>b</sup> <sub>4</sub>	466.16	A <sup>#</sup> <sub>5</sub> /B <sup>b</sup> <sub>5</sub>	932.33	A <sup>#</sup> <sub>6</sub> /B <sup>b</sup> <sub>6</sub>	1864.66	A <sup>#</sup> <sub>7</sub> /B <sup>b</sup> <sub>7</sub>	3729.31
B <sub>0</sub>	30.87	B <sub>1</sub>	61.74	B <sub>2</sub>	123.47	B <sub>3</sub>	246.94	B <sub>4</sub>	493.88	B <sub>5</sub>	987.77	B <sub>6</sub>	1975.53	B <sub>7</sub>	3951.07