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The melodica as a creative and expressive instrument in the twenty-first century

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MELODICA RETUNING

This table shows the difference from equal temperament to my personalised tuning system. This system is based on altering pitch enough that the change is audible, yet not too harmful to the melodicas reeds.

I have tuned all the notes from C#4 to B4, leaving C4 as a reference. I sharpen/flatten each note between 10 and 40 cents. If you choose to alter the same notes you can follow the frequency column. If you choose to start from another point ignore this column.

Comparison of Interval Size in Equal Temperament and Personalised Tuning				
Interval (Starting from C4)	Equal Temperament (Cents)	Personalised Tuning (Cents)	Difference (Cents)	Frequency (hertz)
Minor 2nd	100	140	+40	285
Major 2nd	200	220	+20	297
Minor 3rd	300	310	+10	313
Major 3rd	400	370	-30	323
4th	500	480	-20	345
Diminished 5th	600	610	+10	371
5th	700	710	+10	395
Minor 6th	800	780	-20	410
Major 6th	900	870	-30	432
Minor 7th	1000	1010	+10	468
Major 7th	1100	1060	-40	482