

How to tune Pure Tuning by ear

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Basic recipe

1. Tune middle C = 256 Hz (or pedal C = 64 Hz)
2. Tune pure fifth F – C
3. Tune pure fifth A# – F
4. Tune partially pure 19/16 minor third C – D# (297.51 cent, 2 beats/s on contra C)
5. Tune pure fifths (or fourths) F# – C# – G# – D#
6. Tune partially pure 19/16 minor third G – A# (297.51 cent, 3 beats/s on contra G)
7. Tune partially pure 19/16 minor third G# – B (297.51 cent, 3.17 beats/s on contra G#)
8. Tune pure fifth (or fourth) E – B
9. Tune partially pure 34/27 major third A – C# (399.09 cent, 2 beats/s on contra A)
10. Tune partially pure 34/27 major third A# – D (399.09 cent, 2.11 beats/s on contra A#)

Alternative recipe

1. Tune middle C = 256 Hz
2. Tune pure fifth F – C
3. Tune pure fifth A# – F
4. Tune fourth G – C, beating 1.5/s (3 beats per 2 seconds)
5. Tune fifth G – D, beating 1.77/s (7 beats per 4 seconds)
6. Tune major third C – E, beating 3.56/s (7 beats per 2 seconds)
7. Tune fifth A – E, beating 2/s
8. Tune pure fourth B – E
9. Tune fifth B – F#, beating 1.41/s (7 beats per 5 seconds)
10. Tune pure fifths (or fourths) F# – C# – G# – D#