

Aural Tuning Priorities for Small Scale Piano
(Where midrange octaves are tuneable as pure 4:2/pure 6:3)

Possible priorities (and their checks) to choose from:

Progressive M3's	Pure 6:3: m3d=M6	Narrow P5: M6>M10
Pure 4:2: M3=M10	Wide P4: M3<M6	Pure 8:6 P4: m6d=m3d
Pure P11: m6d=M6	Pure P12: M6=M17	Pure P19: m3d=M17
Pure P22: m6d=M17		

"d" means down

Example using a Small Scale Piano (Pure 4:2, pure 6:3 midrange):

Step	Priority
Tuning A3A4 and F3F4	Tuning pure 4:2/pure 6:3: M3=M10, m3d=M6 Ex. F3A3=F3A4, A3C4=C4A4
Temperament	Progressive M3's, and uniformly wide P4's
Treble:	
F#4 to B4	Tuning pure 4:2, checking wide P4, narrow P5: M3=M10<M6 Ex. D3F#3 = D3F#4 < D3B4
C5 to E5	Tuning pure 12 checking narrow P5: M6=M17>M10 Ex. G#2F3=G#2C5>G#2C4 Pure 4:2 checking wide P4, narrow P5: M3=M10<M6 Ex. G#3C4=G#3C5<G#3F4
F5 to B5	Tuning pure 12, checking pure 4:2, wide P4, narrow P5: M3=M10<M6=M17 Ex. C#3F3=C#3F4<C#3A#3=C#3F5
C6 to E6	Tuning pure 19th/pure 12th, checking pure 4:2, wide P4, narrow P5, and pure 6:3: M3=M10<M6=m3d=M17 Ex. G#3C4=G#3C5<G#3F4=F3G#4=G#3C6
F6 to B6	Tuning pure 22nd/pure 19th/pure 12th, checking pure 4:2, wide P4, narrow P5, pure 6:3, pure 11, and pure 8:6 P4: M3=M10<M6=m3d=m6d=M17 Ex. C#4F4=C#4F5<C#4A#4=A#3C#4=F3C#4=C#4F6
C7 to C8	Tuning clean octaves, P12, P19, P22 Ex. C6C7, F5C7, F4C7, C4C7
Bass:	
E3 down until beats are too slow to hear	Tuning pure 19th/pure 6:3, checking pure 4:2, wide P4, narrow P5, and pure 12th: M3=M10<M6=M17=m3d Ex. G3B3=G3B4<G3E4=G3B5=E3G3 Tuning pure 22/pure 8:4 P4/pure P11, checking pure 4:2, wide P4, narrow P5, pure 6:3, and pure 19 M3=M10<M6=m3d=M17=m6d Ex. C4E4=C4E5<C4A4=A3C4=C4E6=E3C4
When beats are too slow to hear	Tuning clean octaves eliminating the Natural Beat, which is a perceived beat heard at the fundamental of the bottom note. Often higher coincidental partials are tuned out as well.