



2003 MidWest "Tuning the Band by Ear"

Mike Brown • Rob Myers • Alex Ruthmann

Saturday • December 20th • 9:45 AM • Waldorf Room

Introduction

- Philosophy and approach to tuning at Flower Mound
- Benefits of our approach

History and background

- Development and design of the TuningPartner Intonation Training CD

Strategies for use with individual players

- Scales
- Long Tones
- VC's
- Stamp
- Clark

Audience involvement

- Playing example (MidWest Submission of Shostakovich)
- Audience sing-a-long
- Re-playing of example
- Discussion of new aural awareness

Strategies for use in sectional/small ensemble rehearsals

- Remington
- Triadic manipulation
- Teaching of *In Endless Song*
- Performance

Strategies for use with a full ensemble

- F around ensemble
- Recommended tuning notes
- Teaching of *Australian Up Country Tune*
- Teaching of *Chant Funéraire*

Questions and Answers

Contact Information

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Information and Purchasing

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Common Chords of Just Intonation

All chords are based on the root "C" which is "0" pitch.

Major: +2, -14
 minor: +2, +16
 dim: -17, +16
 aug: -4, -14
 7th: -31, +2, -14
 Maj7: -12, +2, -14
 6th: -16, +2, -14
 m6: +19, +2, +16

Common Just Intervals

and their adjustments from Equal Temperament

Interval	Minor 2 nd	Major 2 nd	Minor 3 rd	Major 3 rd	Perfect 4 th	Aug 4 th	Dim 5 th
Cents from ET	+ 12	+ 4	+ 16	- 14	- 2	+ 17	- 17

Interval	Perfect 5 th	Minor 6 th	Major 6 th	Minor 7 th	Major 7 th	Dom. 7 th	Unison
Cents from ET	+ 2	+ 14	- 16	+ 18	- 12	- 31	+/- 0

Recommended tuning notes for the individual instruments

Instrument	Track	Written Pitch	Instrument	Track	Written Pitch
Flute	Track 31	F, G, A, Bb, A	Bari Sax	Track 19	D, E, F#, G, F#
Oboe	Track 31	F, G, A, Bb, A	Trumpet	Track 20	G, A, B, C
Bb Clarinet	Track 20	G, A, B, C	French Horn	Track 20	F, G, A, Bb, C, D, E, F
Bass Clarinet	Track 8 or 20	G, A, B, C	Trombone	Track 8	F, G, A, Bb
Bassoon	Track 8 or 20	F, G, A, Bb	Euphonium	Track 8	F, G, A, Bb
Alto Sax	Track 19	D, E, F#, G, F#	Tuba	Track 8	F, G, A, Bb
Tenor Sax	Track 14	D, E, F#, G, F#			