

Why M.A.M.I.

Matrix Approach to Music Improvisation is a visual guide to musical scalar implications and their potentially creative applications. It is a concept which was devised as the result of years of experimentation and analysis in the quest to evaluate the melodic and harmonic possibilities of subject scales easily quickly plus logically.

I really wanted to expand my own improvisational boundaries.

The very best musicians understand that music is all about relationships i.e. intervallic, harmonic, chordal, etc. **M.A.M.I.** uncovers the mysteries surrounding scales, modes, chords, inversions, and their uses in different musical contexts. This paves the way for independent, inspired, and creative musical exploration.

M.A.M.I. consists of eight integrated parts for each subject page:

- 1. Subject Scale Listing** - both notes and intervals are detailed for convenience!
- 2. Instrument Fingerboard Chart** – shows scale notes and their locations!
Versions: Guitar-Bass (right hand or left) or Keyboard (all other instruments).
- 3. Interval Location Chart** - shows scale intervals and their instrument locations!
- 4. Modal Matrix Cube** - quick visual representation of scale from a 3-D perspective while facilitating the use of any scale tone as the root note!
- 5. Chordal Matrix Cube** - allows an immediate visual determination of all chords or tone clusters possible within a scale via intervallic listing.
- 6. Harmonic Matrix Cube** - A specially optimized cycle of fourths arrangement which can help you create interesting changes...logically!
- 7. Interval Analysis Chart** - an interval composition count, reveals useful patterns!
- 8. Chordal Analysis Chart** - lists chordal forms, inversions or tone clusters present!

Below is a complete listing of **M.A.M.I.** analyzed subjects. Each subject is transcribed to all twelve keys and presented individually on separate pages for clarity. As such, the master **M.A.M.I.** volume is 560 pages and growing!

Major 7th Minor 7th Suspended 7th Dominant 7th	Arpeggios Dominant 7b5	Major 7b5 Minor 7b5 Diminished Dominant 7#5
Major 9th Minor 9th Dominant 9th Dominant b9th Dominant #9th Suspended 6th	Dominant 9b5 Dominant b9b5 Dominant #9b5	Major 9b5 Minor 9b5 Dominant 9#5 Dominant b9#5 Dominant #9#5 Suspended 9th (Blues)
Blues add b5th Whole-Tone Major Lydian Lydian Augmented Dorian Minor Melodic Minor	Scales Mixolydian Dominant Diminished (Half-Whole) Diminished (Whole-Half) Super Locrian Harmonic Major Aeolian Minor Locrian Minor Locrian #2	Diminished Whole-Tone Persian Gypsy (Maj.b2+b6) Lydian Dominant Lydian Augmented Dom. Phrygian Minor Harmonic Minor