



**Circle-of-Fifths.com** presents:  
**The Circle of Fifths Book™ & Wall Clock**  
*Tools for music teachers, instructors & music Students*

“The Musical Circle of Fifths, Pythagoras to Present Day” by William Byrne, Bsc. MSEE. MBA. JD.

*The Circle of Fifths™ Book and Wall Clock, were designed for the music industry as tools for teaching music theory, & offer a unique, instructive, artistic and technical combination. The Book and Clock are perfect gifts for new and experienced musicians, music teachers and students. This package will serve as a music teaching tool and valuable reference, for those who teach, study and play music or for anyone who just appreciates music and the mathematics of music.*

**Circle of Fifths™ Wall Clock**

The Wall Clock is a Black matte finish with a clear plastic lens. The Quartz Motorized clock has an outside diameter of 10 inches with a 8-9/16 inch dial face. The Dial face displays the Musical Circle of Fifths, a time honored technique since Pythagoras for representing the musical scales, showing the increase/decrease in the number of sharps/flats for each key as we progress 7 half steps (5 Keys) up/down the scale.

The Circle of Fifths clock is specifically designed as a Study Aid for the music educational market for teaching music theory.

This unique aesthetic timepiece graphic is Patented (Patent # D568,196 S) and Copyrighted and is not available elsewhere. The clock includes a second hand and battery.

**Circle of Fifths™ Book**

This unique package includes a 54 page book titled,

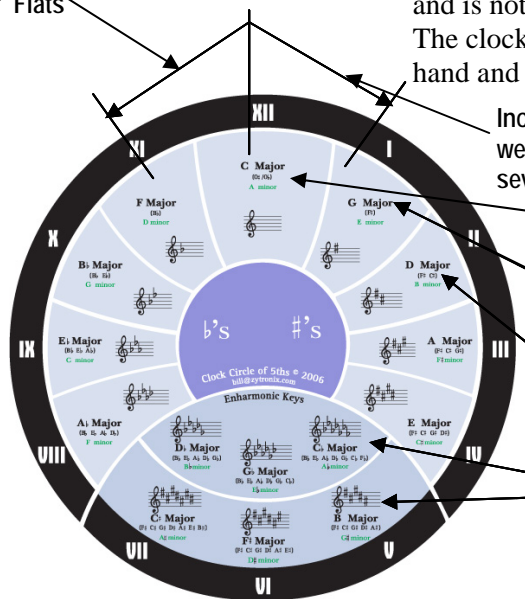
*"The Musical Circle of Fifths, Pythagoras to Present Day" by William Byrne.*

Our book contains detailed explanations and illustrative graphics describing the use of the Circle of Fifths concept for music teachers and students

**Table of Contents:**

- Introduction
- Music basics
- 1. Steps
- 2. Scales and Keys
- 3. Chords
- History
- Constructing Scales
- Constructing Chords
- Chord Progressions
- Modulation
- Chord Substitution
- Tuning methods
- Other Representations.

Increasing Number of Flats



Increasing Number of Sharps as we move a Fifth (5 keys) i.e. seven 1/2 steps up the Scale

Green = Relative Minor Keys. The relative Minor Scale to any Major Scale is located clockwise 90 Degrees from the Major Key.

Ex. Major Key of C = C D E F G A B C  
 The minor Scale = A B C D E F G A  
 Relative to C Major is A minor

Key of G has 1 Sharp

Key of D has 2 Sharps

These keys are **Enharmonic** - B is the same as Cb, F# is the same as Gb, and C# is the same as Db. These scales sound the same but use a different "spelling".