



A L F Products Inc.

1448 Estes

Denver, CO 80215

# BASIC EAR-TRAINING SKILLS

FOR USE WITH THE 10-5-16 APPLE MUSIC SYNTHESIZER

PITCH DISCRIMINATION

CORRECT: 07

RIGHT

EXIT 00 LOW 03 SAME 01 HIGH AGAIN

ALF PRODUCTS INC.  
PROGRAM 1

INTERVAL RECOGNITION

AGAIN  
MINOR 2ND (m2)  
MAJOR 2ND (M2)  
MINOR 3RD (m3)  
MAJOR 3RD (M3)  
PERFECT 4TH (P4)  
AUGMENTED 4TH (A4)  
PERFECT 5TH (P5)  
MINOR 6TH (m6)  
MAJOR 6TH (M6)  
MINOR 7TH (m7)  
MAJOR 7TH (M7)  
OCTAVE (P8)  
OTHER

SCORE  
RIGHT: 12  
WRONG: 3

YOUR ANSWER IS  
RIGHT

ALF PRODUCTS INC.  
PROGRAM 2

EXIT CHORD RECOGNITION

MAJOR

AUGMENTED

DIMINISHED

MINOR

AGAIN

SCORE  
RIGHT: 8  
WRONG: 4

YOUR ANSWER IS  
RIGHT

ALF PRODUCTS INC.  
PROGRAM 3

EXIT SCALE RECOGNITION

MAJOR

NATURAL MINOR

HARMONIC MINOR

MELODIC MINOR

WHOLE TONE

CHROMATIC

AGAIN

SCORE  
RIGHT: 28  
WRONG: 14

YOUR ANSWER IS  
RIGHT

ALF PRODUCTS INC.  
PROGRAM 4

- 1) PITCHES  
Learn to discriminate between two pitches.
- 2) INTERVALS  
Learn to recognize harmonic and melodic intervals.
- 3) CHORDS  
Learn to recognize different chord types.
- 4) SCALES  
Learn to recognize six common scales.

SUGGESTED LIST PRICE \$49.95\*

\* Price shown buys only the right to use the programs on computer(s) owned by the purchaser. ALF retains all other rights and possession of the programs. Right to use is non-transferable except from wholesaler to one retailer and from retailer to one retail purchaser.

## DESCRIPTION:

For many years it has been recognized that a number of elementary musical skills are learned best through repeated drills. In the past this was done by having a teacher, or more often, a tape recording play a long series of intervals, chords, and so forth to the student. The student would then have to correctly identify what he or she was hearing. When using a tape recording, students generally had no way of knowing if their answers were correct until they were graded, hours or even days later. Furthermore, these tapes were usually available only to those who were taking high-school or college courses in music.

Now ALF has combined the excellent tuning accuracy of our 10-5-16 Apple Music Synthesizer with the high-resolution graphics of the Apple computer to produce this package of ear-training drills. With these programs and a 10-5-16 synthesizer, your Apple can drill you on a variety of musical skills, providing instant feedback about whether your answers are right or wrong.

The first program, PITCHES, helps a student learn to discriminate between two different pitches. The program begins with the pitches being three quarter-steps apart. As the user improves, the separation between the pitches will slowly drop to about 50 cents.

The INTERVALS program drills the user by playing two notes and asking him to specify the name of the interval they form. The program allows the user to select either melodic intervals or harmonic intervals.

CHORDS plays a variety of three note chords, each of which the user is asked to identify as major, minor, etc.

The last program, SCALES, plays the notes in a number of commonly used scales, and asks the user to identify the type of scale.

All programs except PITCHES give the users the choice of being drilled on everything in their repertoire or of selecting exactly which items they will be drilled on.

It is important to remember that these programs are drills only, and they are not designed to test the abilities of an individual, nor are they intended to replace the music instructor. The programs are meant to be supplements to standard ear-training procedures. For best results, the user should first have a basic understanding of intervals, chords, and so on, before drilling with these programs.

## SYSTEM REQUIREMENTS:

- 1) Apple II™ or Apple II -Plus™ computer with 48K memory.
- 2) One or more ALF 10-5-16 Apple Music Synthesizers.
- 3) Apple Disk II for disk version, cassette player for cassette version.
- 4) Amplifier with speakers or headphones.
- 5) One or more music students.

## PART NUMBERS:

### CASSETTE:

INTEGER VERSION	13-2-9
APPLESOFT VERSION	13-2-10

### DISK:

INTEGER VERSION	13-3-9
APPLESOFT VERSION	13-3-10