

TABLE OF CONTENTS – Understanding the keyboard

Chapter 1: PULSE, TEMPO & TIME

Note Values	9
Rests	10
Dotted Notes	11
Triplets	11
Tied Notes	11
Rhythm, Pulse, Meter, Tempo & Beat defined	12
Time Signatures	13
Simple and Compound Time	14
Counting out Rhythms	21
Counting Examples	23
Syncopation	24

Chapter 2: INTERVALS PLUS MAJOR & MINOR SCALES

What Are Intervals?	25
Major, Perfect, Minor, Augmented and Diminished Intervals	25
Intervals by Sound	26
How to Recognise Intervals	27
Reversed Intervals	27
Compound Intervals	28
Harmonic & Melodic Intervals	28
Scales & Key Signatures	29
Major Scales	30
(Major # Scales	31
(Major b Scales	32
Minor Scales	33
(Harmonic Minor # Scales	34
(Harmonic Minor b Scales	35
(Natural Minor # Scales	36
(Natural Minor b Scales	36
(Melodic Minor # Scales	37
(Melodic Minor b Scales	38
(Circle of 5ths	39

Chapter 3: CHORDS & CHORD INVERSIONS ON MAJOR & MINOR SCALES

The Various Types Of Triad Chords	41
Definition of Chord Inversions	44
Extending Chord Beyond The Basic Triads	44

Major Scale Chords	
(Triad Chord Inversions On Each Major Scale Degree	52
(Four Note Chord Inversions On Each Major Scale Degree	56
(Five Note Chords Built On The Major Scale	62
(Rules for Chords In Major Keys	63
(Triad Chord Inversions Through The Circle Of Fifths	63
(Broken Major Triad Chords	64
(Broken Major Triad Inversions Through The Circle Of Fifths	64
(Broken Chords For II to V Triads Descending in Tones	65
(Major 7th Chord Inversions Through The Circle Of Fifths	66
(Dominant 7th Chord Inversions Through The Circle Of Fifths	66
(Minor 7th Chord Inversions Through The Circle Of Fifths	66
(Broken Chords - II m7 to V7 Ascending & Descending in Tones	67
(Broken Chords For II m7 to V7 Descending in Tones	67
(Broken Chords For II m7 to V7 Descending Chromatically	68
(Further Patterns Built Around the II m7 to V7 Progression	69
(Four Note Chord Inversions On Scale Degree Through the Cycle	69
Harmonic Minor Scales	
(Triad Chord Inversions On Each Harmonic Minor Scale Degree	70
(Four Note Chord Inversions On Harmonic Minor Scale Degrees	73
(Five Note Chords Built On The Harmonic Minor Scale	75
Natural Minor Scales	
(Triad Chord Inversions On Each Natural Minor Scale Degree	76
(Four Note Chord Inversions On Natural Minor Scale Degrees	79
(Five Note Chords Built On The Natural Minor Scale	81
Melodic Minor Scales	
(Triad Chord Inversions On Each Melodic Minor Scale Degree	82
(Four Note Chord Inversions On Melodic Minor Scale Degrees	84
(Five Note Chords Built On The Melodic Minor Scale	87
Minor Triad Chord Inversions Through The Circle Of 5ths	87
Broken Minor Triad Chords	88
Broken Minor Triad Chord Inversions Through The Circle Of 5ths	88

Chapter 4: MODAL SCALES AND THEIR CHORDS AND INVERSIONS

(The Various Modal Scales	90
Chords Built On Modal Scales	
(Triad Chord Inversions On Each Dorian Scale Degree	91
(Four Note Chord Inversions On Dorian Scale Degrees	94
(Triad Chord Inversions On Each Phrygian Scale Degree	96
(Four Note Chord Inversions On Phrygian Scale Degrees	98
(Triad Chord Inversions On Each Lydian Scale Degree	101
(Four Note Chord Inversions On Lydian Scale Degrees	103
(Triad Chord Inversions On Each Mixolydian Scale Degree	105
(Four Note Chord Inversions On Mixolydian Scale Degrees	108

(Triad Chord Inversions On Each Lochrian Scale Degree	110
(Four Note Chord Inversions On Lochrian Scale Degrees	113
Chord Symbols	115
Important Chord Voicings For The Right & Left Hand	117
(Right Hand Voicings	117
(Left Hand Voicings	118
(Voicings for Both Hands	119
(Open Voicings - Axis of the 3rd and 7th	121

Chapter 5: CHORD SUBSTITUTION

Plurality	122
Polychords	122
Tonicization	124
Secondary Dominants	124
Key Areas	125
Tri-tone Substitution	127
Adding Chords From Minor Scales To The Major Key	130
Adding Chords From Modal Scales Into The Major	135
Parallel Progression	140
Line Progression	140
Chord Substitution Applied to Well-known Hymns and Choruses	142
('What A Friend We Have In Jesus'	142
('O How I Love Jesus'	145
('He's All I Need'	147

Chapter 6: DEVELOPING RIGHT AND LEFT HAND TECHNIQUES

(Left Hand Exercises	150
(Right Hand Exercises	152
Developing As A Good Rhythmic Player	154
(Hand Independence Exercises	154

Chapter 7: PLAYING SONGS CONFIDENTLY IN CONTEMPORARY STYLES

(i) The Blues	158
(blues rhythms	159
(left hand styles	160
(left hand rhythm & blues & boogie woogie styles	163
(comping style using both hands (accompanying)	172
(blues endings	173
(examples of blues pieces	176

(ii) Rock	182
(rock styles and various rhythms in rock	182
(rock ballads - right hand rhythms	185
(left hand patterns for ballads	188
(right hand fills (ballads)	191
(rock bass lines	193
iii) Boogie Woogie	195
(boogie woogie bass lines	196
(examples of boogie woogie piano	199
iv) Country	201
(country rhythms	201
(country piano intros	202
(country piano endings	203
(country piano right hand licks	204
(country bass lines	205
(country piano examples	206
v) Jazz	
(rhythms in jazz	207
(block chord style	209
(the jazz ballad	210
(common turnarounds in jazz	212

Chapter 8: IMPROVISATION

Scales & Patterns More Common In Contemporary Styles Of Music	
(Patterns for Improvisation built on the Major Scale	215
(Patterns for Improvisation built on the Harmonic Minor Scale	217
(Patterns for Improvisation built on the Melodic Minor Scale	218
(Chromatic Scale	219
(Major Pentatonic Scales	220
(Patterns for Improvisation built on the Major Pentatonic Scale	221
(Minor Pentatonic Scales	222
(Major Pentatonic With Altered 3rd Scales	223
(Patterns for Improvisation - Major Pentatonic With Altered 3rd	225
(Blues Scales	226
(Patterns for Improvisation built on the Blues Scale	228
(Further Blues Scale R.H. Patterns	229
(Example of Blues Piece With R.H. Patterns	233
(Half Step/Whole Step Diminished Scales	234
(Patterns Built On The Half Step/Whole Step Diminished Scale	236
(Whole Step/Half Step Diminished Scales	238
(Patterns Built On the Whole Step/Half Step Diminished Scale	239
(Bebop Dominant Scales	240

(Bebop Major Scales	241
(Wholetone Scales	242
(Patterns Built On the Wholetone Scale	243
(Major Blues Scales	244
(Patterns Built On the Major Blues Scale	245
(Altered Scales	245
(Patterns Built On the Altered Scale	249
(Lydian Dominant b7 Scale	250
(Lochrian #2 Scale	250
Chords And Related Scales For Improvisation	250
Chapter 9: CHORD PATTERNS FOR WORSHIP	256
Chapter 10: PIANO OR KEYBOARDS AS PART OF A WORSHIP BAND	266
Chapter 11: FURTHER APPLICATION OF L.H. & R.H. PATTERNS IN HYMNS AND CHORUSES	268