

# Scales for the Diatonic Harmonica

... In all Positions

*illustrated by*

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## **Literature**

Nelleke, Bernard (1981) "Eenvoudige Algemene Muziekler" : Edition Heuwerkemeijer, Hillegom.







<b>Gypsey one</b>	<b>1B</b>	1D	1oB	2D'	2D/3B	3D'''	3D	
	<b>4B</b>	4D	4oB	5oB	6B	6D'	7D	
	<b>7B</b>	8D	8B'	9B'	9B	9oD	10B'	
	<b>10B</b>							
<b>Gypsey two</b>	<b>1B</b>	1D'	2B	2D''	2D/3B	3D'''	3D	
	<b>4B</b>	4D'	5B	5D	6B	6D'	7D	
	<b>7B</b>	7oD	8B	9D	9B	9oD	10B'	
	<b>10B</b>	10oD						
<b>Gypsey three</b>	<b>1B</b>	1D'	2B	2D''	2D'	3D''	3D'	
	<b>4B</b>	4D'	5B	5D	5oB	6D	6oB	
	<b>7B</b>	7oD	8B	9D	9B'	10D	10B''	
	<b>10B</b>	10oD						
<b>Whole note</b>	<b>1B</b>	1D	2B	2D'	3D'''	3D'		
	<b>4B</b>	4D	5B	5oB	6D'	6oB		
	<b>7B</b>	8D	8B	9B'	9oD	10B''		
	<b>10B</b>							
<b>Octatonic one</b>	<b>1B</b>	1D	1oB	2D''	2D'	3D'''	3D''	3D
	<b>4B</b>	4D	4oB	5D	5oB	6D'	6D	7D
	<b>7B</b>	8D	8B'	9D	9B'	9oD	10D	10B'
	<b>10B</b>							
<b>Octatonic two</b>	<b>1B</b>	1D'	1oB	2B	2D'	2D/3B	3D''	3D'
	<b>4B</b>	4D'	4oB	5B	5oB	6B	6D	6oB
	<b>7B</b>	7oD	8B'	8B	9B'	9B	10D	10B''
	<b>10B</b>	10oD						







<b>Hypo-eolian mode</b>	<b>1D'</b>	1D	2B	2D'	3D'''	3D''	3D	<b>D:</b>	3D''	<b>F:</b>	2D'
	<b>4D'</b>	4D	5B	5oB	6D'	6D	7D		6D		5oB
	<b>7oD</b>	8D	8B	9B'	9oD	10D	10B'		10D		9B'
	<b>10oD</b>										
<b>Pentatonic blues / rock</b>	<b>1D'</b>	2B	2D'	3D'''	3D						
	<b>4D'</b>	5B	5oB	6D'	7D						
	<b>7oD</b>	8B	9B'	9oD	10B'						
	<b>10oD</b>										
<b>Blues</b>	<b>1D'</b>	2B	2D'	2D/3B	3D'''	3D					
	<b>4D'</b>	5B	5oB	6B	6D'	7D					
	<b>7oD</b>	8B	9B'	9B	9oD	10B'					
	<b>10oD</b>										
<b>Moll-dur</b>	<b>1D'</b>	1oB	2D''	2D'	3D'''	3D''	1B				
	<b>4D'</b>	4oB	5D	5oB	6D'	6D	4B				
	<b>7oD</b>	8B'	9D	9B'	9oD	10D	7B				
	<b>10oD</b>						10B				
<b>Gypsy one</b>	<b>1D'</b>	1oB	2B	2D/3B	3D'''	3D''	1B				
	<b>4D'</b>	4oB	5B	6B	6D'	6D	4B				
	<b>7oD</b>	8B'	8B	9B	9oD	10D	7B				
	<b>10oD</b>						10B				
<b>Gypsy two</b>	<b>1D'</b>	1D	2D''	2D'	3D'''	3D''	1B				
	<b>4D'</b>	4D	5D	5oB	6D'	6D	4B				
	<b>7oD</b>	8D	9D	9B'	9oD	10D	7B				
	<b>10oD</b>						10B				

<b>Gypsy three</b>	<b>1D'</b>	1D	2D''	2D'	2D/3B	3D'	3D	
	<b>4D'</b>	4D	5D	5oB	6B	6oB	7D	
	<b>7oD</b>	8D	9D	9B'	9B	10B''	10B'	
	<b>10oD</b>							
<b>Whole note</b>	<b>1D'</b>	1oB	2D''	2D/3B	3D''	3D		
	<b>4D'</b>	4oB	5D	6B	6D	7D		
	<b>7oD</b>	8B'	9D	9B	10D	10B'		
	<b>10oD</b>							
<b>Octatonic one</b>	<b>1D'</b>	1oB	2B	2D'	2D/3B	3D''	3D'	1B 4B
	<b>4D'</b>	4oB	5B	5oB	6B	6D	6oB	7B
	<b>7oD</b>	8B'	8B	9B'	9B	10D	10B''	10B
	<b>10oD</b>							
<b>Octatonic two</b>	<b>1D'</b>	1D	2B	2D''	2D/3B	3D'''	3D'	3D
	<b>4D'</b>	4D	5B	5D	6B	6D'	6oB	7D
	<b>7oD</b>	8D	8B	9D	9B	9oD	10B''	10B'
	<b>10oD</b>							

## Position : Third (C-Harp : D)

<b>Chromatic</b>											1B	1D'
	1D	1oB	2B	2D''	2D'	2D/3B	3D'''	3D''	3D'	3D	4B	4D'
	4D	4oB	5B	5D	5oB	6B	6D'	6D	6oB	7D	7B	7oD
	8D	8B'	8B	9D	9B'	9B	9oD	10D	10B''	10B'	10B	10oD
<b>Major</b>												1D'
	1D	2B	2D'	2D/3B	3D''	3D	4D'					
	4D	5B	5oB	6B	6D	7D	7oD					
	8D	8B	9B'	9B	10D	10B'	10oD					
<b>Minor</b>												1B
	1D	2B	2D''	2D/3B	3D''	3D'	4B					
	4D	5B	5D	6B	6D	6oB	7B					
	8D	8B	9D	9B	10D	10B''	10B					
<b>Harm. minor</b>												1D'
	1D	2B	2D''	2D/3B	3D''	3D'	4D'					
	4D	5B	5D	6B	6D	6oB	7oD					
	8D	8B	9D	9B	10D	10B''	10oD					
<b>Mel. min. asc.</b>												1D'
	1D	2B	2D''	2D/3B	3D''	3D	4D'					
	4D	5B	5D	6B	6D	7D	7oD					
	8D	8B	9D	9B	10D	10B'	10oD					
<b>Mel. min. desc.</b>												1B
	1D	2B	2D''	2D/3B	3D''	3D'	4B					
	4D	5B	5D	6B	6D	6oB	7B					
	8D	8B	9D	9B	10D	10B''	10B					
<b>Dorian mode</b>												1B
	1D	2B	2D''	2D/3B	3D''	3D	4B					
	4D	5B	5D	6B	6D	7D	7B					
	8D	8B	9D	9B	10D	10B'	10B					
									<b>D:</b>		<b>F:</b>	
										3D''		1D
										6D		4D
										10D		8D

<b>Hypo-dorian mode</b>	<b>1D</b>	2B	2D''	2D/3B	3D''	3D'	4B	1B	<b>D:</b>	3D'	<b>F:</b>	2D/3B
	<b>4D</b>	5B	5D	6B	6D	6oB	7B			6oB		6B
	<b>8D</b>	8B	9D	9B	10D	10B''	10B			10B''		9B
<b>Phrygian mode</b>	<b>1D</b>	1oB	2D''	2D/3B	3D''	3D'	4B	1B	<b>D:</b>	3D'	<b>F:</b>	1D
	<b>4D</b>	4oB	5D	6B	6D	6oB	7B			6oB		4D
	<b>8D</b>	8B'	9D	9B	10D	10B''	10B			10B''		8D
<b>Hypo-phrygian mode</b>	<b>1D</b>	1oB	2D''	2D/3B	3D'''	3D'	4B	1B	<b>D:</b>	1B	<b>F:</b>	2D/3B
	<b>4D</b>	4oB	5D	6B	6D'	6oB	7B			4B		6B
	<b>8D</b>	8B'	9D	9B	9oD	10B''	10B			7B		9B
<b>Lydian mode</b>	<b>1D</b>	2B	2D'	3D'''	3D''	3D	4D'	1D'	<b>D:</b>	3D''	<b>F:</b>	1D
	<b>4D</b>	5B	5oB	6D'	6D	7D	7oD			6D		4D
	<b>8D</b>	8B	9B'	9oD	10D	10B'	10oD			10D		8D
<b>Hypo-lydian mode</b>	<b>1D</b>	2B	2D'	2D/3B	3D''	3D	4D'	1D'	<b>D:</b>	3D	<b>F:</b>	2D/3B
	<b>4D</b>	5B	5oB	6B	6D	7D	7oD			7D		6B
	<b>8D</b>	8B	9B'	9B	10D	10B'	10oD			10B'		9B
<b>Mixolydian mode</b>	<b>1D</b>	2B	2D'	2D/3B	3D''	3D	4B	1B	<b>D:</b>	3D''	<b>F:</b>	1D
	<b>4D</b>	5B	5oB	6B	6D	7D	7B			6D		4D
	<b>8D</b>	8B	9B'	9B	10D	10B'	10B			10D		8D
<b>Hypo-mixolydian mode</b>	<b>1D</b>	2B	2D''	2D/3B	3D''	3D	4B	1B	<b>D:</b>	1B	<b>F:</b>	2D/3B
	<b>4D</b>	5B	5D	6B	6D	7D	7B			4B		6B
	<b>8D</b>	8B	9D	9B	10D	10B'	10B			7B		9B
										10B		

<b>Ionian mode</b>							1D'	<b>D:</b>	<b>F:</b>
	<b>1D</b>	2B	2D'	2D/3B	3D''	3D	4D'	3D''	1D
	<b>4D</b>	5B	5oB	6B	6D	7D	7oD	6D	4D
	<b>8D</b>	8B	9B'	9B	10D	10B'	10oD	10D	8D
<b>Hypo-ionioan mode</b>							1B	<b>D:</b>	<b>F:</b>
	<b>1D</b>	2B	2D'	2D/3B	3D''	3D	4B	3D	2D/3B
	<b>4D</b>	5B	5oB	6B	6D	7D	7B	7D	6B
	<b>8D</b>	8B	9B'	9B	10D	10B'	10B	10B'	9B
<b>Eolian mode</b>							1B	<b>D:</b>	<b>F:</b>
	<b>1D</b>	2B	2D''	2D/3B	3D''	3D'	4B	3D''	1D
	<b>4D</b>	5B	5D	6B	6D	6oB	7B	6D	4D
	<b>8D</b>	8B	9D	9B	10D	10B''	10B	10D	8D
<b>Hypo-eolian mode</b>							1B	<b>D:</b>	<b>F:</b>
	<b>1D</b>	1oB	2D''	2D/3B	3D''	3D'	4B	3D'	2D/3B
	<b>4D</b>	4oB	5D	6B	6D	6oB	7B	6oB	6B
	<b>8D</b>	8B'	9D	9B	10D	10B''	10B	10B''	9B
<b>Pentatonic blues / rock</b>							1B		
	<b>1D</b>	2D''	2D/3B	3D''	4B				
	<b>4D</b>	5D	6B	6D	7B				
	<b>8D</b>	9D	9B	10D	10B				
<b>Blues</b>							1B		
	<b>1D</b>	2D''	2D/3B	3D'''	3D''	4B			
	<b>4D</b>	5D	6B	6D'	6D	7B			
	<b>8D</b>	9D	9B	9oD	10D	10B			
<b>Moll-dur</b>							1D'		
	<b>1D</b>	2B	2D'	2D/3B	3D''	3D'	4D'		
	<b>4D</b>	5B	5oB	6B	6D	6oB	7oD		
	<b>8D</b>	8B	9B'	9B	10D	10B''	10oD		

<b>Gypsey one</b>							1D'	
	<b>1D</b>	2B	2D''	3D'''	3D''	3D'	4D'	
	<b>4D</b>	5B	5D	6D'	6D	6oB	7oD	
	<b>8D</b>	8B	9D	9oD	10D	10B''	10oD	
<b>Gypsey two</b>							1D'	
	<b>1D</b>	1oB	2D'	2D/3B	3D''	3D'	4D'	
	<b>4D</b>	4oB	5oB	6B	6D	6oB	7oD	
	<b>8D</b>	8B'	9B'	9B	10D	10B''	10oD	
<b>Gypsey three</b>							1B	
	<b>1D</b>	1oB	2D'	2D/3B	3D'''	3D	4B	
	<b>4D</b>	4oB	5oB	6B	6D'	7D	7B	
	<b>8D</b>	8B'	9B'	9B	9oD	10B'	10B	
<b>Whole note</b>							1B	
	<b>1D</b>	2B	2D'	3D'''	3D'	4B		
	<b>4D</b>	5B	5oB	6D'	6oB	7B		
	<b>8D</b>	8B	9B'	9oD	10B''	10B		
<b>Octatonic one</b>							1D'	
	<b>1D</b>	2B	2D''	2D/3B	3D'''	3D'	3D	4D'
	<b>4D</b>	5B	5D	6B	6D'	6oB	7D	7oD
	<b>8D</b>	8B	9D	9B	9oD	10B''	10B'	10oD
<b>Octatonic two</b>							1B	
	<b>1D</b>	1oB	2D''	2D'	3D'''	3D''	3D	4B
	<b>4D</b>	4oB	5D	5oB	6D'	6D	7D	7B
	<b>8D</b>	8B'	9D	9B'	9oD	10D	10B'	10B

**Position : Tenth (C-Harp : D#)**

<b>Chromatic</b>										1B	1D'	1D
	1oB	2B	2D''	2D'	2D/3B	3D'''	3D''	3D'	3D	4B	4D'	4D
	4oB	5B	5D	5oB	6B	6D'	6D	6oB	7D	7B	7oD	8D
	8B'	8B	9D	9B'	9B	9oD	10D	10B''	10B'	10B	10oD	
<b>Major</b>										1B	1D	
	1oB	2D''	2D/3B	3D'''	3D'	4B	4D					
	4oB	5D	6B	6D'	6oB	7B	8D					
	8B'	9D	9B	9oD	10B''	10B						
<b>Minor</b>											1D'	
	1oB	2D''	2D'	3D'''	3D'	3D	4D'					
	4oB	5D	5oB	6D'	6oB	7D	7oD					
	8B'	9D	9B'	9oD	10B''	10B'	10oD					
<b>Harm. minor</b>											1D	
	1oB	2D''	2D'	3D'''	3D'	3D	4D					
	4oB	5D	5oB	6D'	6oB	7D	8D					
	8B'	9D	9B'	9oD	10B''	10B'						
<b>Mel. min. asc.</b>										1B	1D	
	1oB	2D''	2D'	3D'''	3D'	4B	4D					
	4oB	5D	5oB	6D'	6oB	7B	8D					
	8B'	9D	9B'	9oD	10B''	10B						
<b>Mel. min. desc.</b>											1D'	
	1oB	2D''	2D'	3D'''	3D'	3D	4D'					
	4oB	5D	5oB	6D'	6oB	7D	7oD					
	8B'	9D	9B'	9oD	10B''	10B'	10oD					
<b>Dorian mode</b>												
	1oB	2D''	2D'	3D'''	3D'	4B	4D'			<b>D:</b>		<b>F:</b>
	4oB	5D	5oB	6D'	6oB	7B	7oD				3D'	1oB
	8B'	9D	9B'	9oD	10B''	10B	10oD				6oB	4oB
											10B''	8B'

<b>Hypo-dorian mode</b>							1D'	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2D''	2D'	3D'''	3D'	3D	4D'		3D		3D'''
	<b>4oB</b>	5D	5oB	6D'	6oB	7D	7oD		7D		6D'
	<b>8B'</b>	9D	9B'	9oD	10B''	10B'	10oD		10B'		9oD
<b>Phrygian mode</b>							1D'	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2B	2D'	3D'''	3D'	3D	4D'		3D		1oB
	<b>4oB</b>	5B	5oB	6D'	6oB	7D	7oD		7D		4oB
	<b>8B'</b>	8B	9B'	9oD	10B''	10B'	10oD		10B'		8B'
<b>Hypo-phrygian mode</b>							1D'	<b>D:</b>	1D'	<b>F:</b>	
	<b>1oB</b>	2B	2D'	3D'''	3D''	3D	4D'		4D'		3D'''
	<b>4oB</b>	5B	5oB	6D'	6D	7D	7oD		7oD		6D'
	<b>8B'</b>	8B	9B'	9oD	10D	10B'	10oD		10oD		9oD
<b>Lydian mode</b>							1B	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2D''	2D/3B	3D''	3D'	4B	4D		3D'		1oB
	<b>4oB</b>	5D	6B	6D	6oB	7B	8D		6oB		4oB
	<b>8B'</b>	9D	9B	10D	10B''	10B			10B''		8B'
<b>Hypo-lydian mode</b>							1B	<b>D:</b>	1B	<b>F:</b>	
	<b>1oB</b>	2D''	2D/3B	3D'''	3D'	4B	4D		4B		3D'''
	<b>4oB</b>	5D	6B	6D'	6oB	7B	8D		7B		6D'
	<b>8B'</b>	9D	9B	9oD	10B''	10B			10B		9oD
<b>Mixolydian mode</b>							1B	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2D''	2D/3B	3D'''	3D'	4B	4D'		3D'		1oB
	<b>4oB</b>	5D	6B	6D'	6oB	7B	7oD		6oB		4oB
	<b>8B'</b>	9D	9B	9oD	10B''	10B	10oD		10B''		8B'
<b>Hypo-mixolydian mode</b>							1B	<b>D:</b>	1D'	<b>F:</b>	
	<b>1oB</b>	2D''	2D'	3D'''	3D'	4B	4D'		4D'		3D'''
	<b>4oB</b>	5D	5oB	6D'	6oB	7B	7oD		7oD		6D'
	<b>8B'</b>	9D	9B'	9oD	10B''	10B	10oD		10oD		9oD

<b>Ionian mode</b>						1B	1D	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2D''	2D/3B	3D'''	3D'	4B	4D		3D'		1oB
	<b>4oB</b>	5D	6B	6D'	6oB	7B	8D		6oB		4oB
	<b>8B'</b>	9D	9B	9oD	10B''	10B			10B''		8B'
<b>Hypo-ionian mode</b>						1B	1D'	<b>D:</b>	1B	<b>F:</b>	
	<b>1oB</b>	2D''	2D/3B	3D'''	3D'	4B	4D'		4B		3D'''
	<b>4oB</b>	5D	6B	6D'	6oB	7B	7oD		7B		6D'
	<b>8B'</b>	9D	9B	9oD	10B''	10B	10oD		10B		9oD
<b>Eolian mode</b>							1D'	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2D''	2D'	3D'''	3D'	3D	4D'		3D'		1oB
	<b>4oB</b>	5D	5oB	6D'	6oB	7D	7oD		6oB		4oB
	<b>8B'</b>	9D	9B'	9oD	10B''	10B'	10oD		10B''		8B'
<b>Hypo-eolian mode</b>							1D'	<b>D:</b>		<b>F:</b>	
	<b>1oB</b>	2B	2D'	3D'''	3D'	3D	4D'		3D		3D'''
	<b>4oB</b>	5B	5oB	6D'	6oB	7D	7oD		7D		6D'
	<b>8B'</b>	8B	9B'	9oD	10B''	10B'	10oD		10B'		9oD
<b>Pentatonic blues / rock</b>							1D'				
	<b>1oB</b>	2D'	3D'''	3D'	4D'						
	<b>4oB</b>	5oB	6D'	6oB	7oD						
	<b>8B'</b>	9B'	9oD	10B''	10oD						
<b>Blues</b>							1D'				
	<b>1oB</b>	2D'	3D'''	3D''	3D'	4D'					
	<b>4oB</b>	5oB	6D'	6D	6oB	7oD					
	<b>8B'</b>	9B'	9oD	10D	10B''	10oD					
<b>Moll-dur</b>							1D				
	<b>1oB</b>	2D''	2D/3B	3D'''	3D'	3D	4D				
	<b>4oB</b>	5D	6B	6D'	6oB	7D	8D				
	<b>8B'</b>	9D	9B	9oD	10B''	10B'					

<b>Gypsey one</b>							1D	
	<b>1oB</b>	2D''	2D'	3D''	3D'	3D	4D	
	<b>4oB</b>	5D	5oB	6D	6oB	7D	8D	
	<b>8B'</b>	9D	9B'	10D	10B''	10B'		
<b>Gypsey two</b>							1D	
	<b>1oB</b>	2B	2D/3B	3D'''	3D'	3D	4D	
	<b>4oB</b>	5B	6B	6D'	6oB	7D	8D	
	<b>8B'</b>	8B	9B	9oD	10B''	10B'		
<b>Gypsey three</b>						1B	1D'	
	<b>1oB</b>	2B	2D/3B	3D'''	3D''	4B	4D'	
	<b>4oB</b>	5B	6B	6D'	6D	7B	7oD	
	<b>8B'</b>	8B	9B	9oD	10D	10B	10oD	
<b>Whole note</b>							1D'	
	<b>1oB</b>	2D''	2D/3B	3D''	3D	4D'		
	<b>4oB</b>	5D	6B	6D	7D	7oD		
	<b>8B'</b>	9D	9B	10D	10B'	10oD		
<b>Octatonic one</b>							1B	1D
	<b>1oB</b>	2D''	2D'	3D'''	3D''	3D	4B	4D
	<b>4oB</b>	5D	5oB	6D'	6D	7D	7B	8D
	<b>8B'</b>	9D	9B'	9oD	10D	10B'	10B	
<b>Octatonic two</b>							1B	1D'
	<b>1oB</b>	2B	2D'	2D/3B	3D''	3D'	4B	4D'
	<b>4oB</b>	5B	5oB	6B	6D	6oB	7B	7oD
	<b>8B'</b>	8B	9B'	9B	10D	10B''	10B	10oD

## Position : Fifth (C-Harp : E)

<b>Chromatic</b>									1B	1D'	1D	1oB
	<b>2B</b>	2D''	2D'	2D/3B	3D'''	3D''	3D'	3D	4B	4D'	4D	4oB
	<b>5B</b>	5D	5oB	6B	6D'	6D	6oB	7D	7B	7oD	8D	8B'
	<b>8B</b>	9D	9B'	9B	9oD	10D	10B''	10B'	10B	10oD		
<b>Major</b>										1D'	1oB	
	<b>2B</b>	2D'	3D'''	3D''	3D	4D'	4oB					
	<b>5B</b>	5oB	6D'	6D	7D	7oD	8B'					
	<b>8B</b>	9B'	9oD	10D	10B'	10oD						
<b>Minor</b>									1B	1D		
	<b>2B</b>	2D'	2D/3B	3D''	3D	4B	4D					
	<b>5B</b>	5oB	6B	6D	7D	7B	8D					
	<b>8B</b>	9B'	9B	10D	10B'	10B						
<b>Harm. minor</b>									1B	1oB		
	<b>2B</b>	2D'	2D/3B	3D''	3D	4B	4oB					
	<b>5B</b>	5oB	6B	6D	7D	7B	8B'					
	<b>8B</b>	9B'	9B	10D	10B'	10B						
<b>Mel. min. asc.</b>									1D'	1oB		
	<b>2B</b>	2D'	2D/3B	3D''	3D	4D'	4oB					
	<b>5B</b>	5oB	6B	6D	7D	7oD	8B'					
	<b>8B</b>	9B'	9B	10D	10B'	10oD						
<b>Mel. min. desc.</b>									1B	1D		
	<b>2B</b>	2D'	2D/3B	3D''	3D	4B	4D					
	<b>5B</b>	5oB	6B	6D	7D	7B	8D					
	<b>8B</b>	9B'	9B	10D	10B'	10B						
<b>Dorian mode</b>										1D'	1D	
	<b>2B</b>	2D'	2D/3B	3D''	3D	4D'	4D				3D	2B
	<b>5B</b>	5oB	6B	6D	7D	7oD	8D				7D	5B
	<b>8B</b>	9B'	9B	10D	10B'	10oD					10B'	8B

<b>Hypo-dorian mode</b>						1B	1D	<b>D:</b>	1B	<b>F:</b>	
	<b>2B</b>	2D'	2D/3B	3D''	3D	4B	4D		4B		3D''
	<b>5B</b>	5oB	6B	6D	7D	7B	8D		7B		6D
	<b>8B</b>	9B'	9B	10D	10B'	10B			10B		10D
<b>Phrygian mode</b>						1B	1D	<b>D:</b>	1B	<b>F:</b>	
	<b>2B</b>	2D''	2D/3B	3D''	3D	4B	4D		4B		2B
	<b>5B</b>	5D	6B	6D	7D	7B	8D		7B		5B
	<b>8B</b>	9D	9B	10D	10B'	10B			10B		8B
<b>Hypo-phrygian mode</b>						1B	1D	<b>D:</b>	1D	<b>F:</b>	
	<b>2B</b>	2D''	2D/3B	3D''	3D'	4B	4D		4D		3D''
	<b>5B</b>	5D	6B	6D	6oB	7B	8D		8D		6D
	<b>8B</b>	9D	9B	10D	10B''	10B					10D
<b>Lydian mode</b>						1D'	1oB	<b>D:</b>		<b>F:</b>	
	<b>2B</b>	2D'	3D'''	3D'	3D	4D'	4oB		3D		2B
	<b>5B</b>	5oB	6D'	6oB	7D	7oD	8B'		7D		5B
	<b>8B</b>	9B'	9oD	10B''	10B'	10oD			10B'		8B
<b>Hypo-lydian mode</b>						1D'	1oB	<b>D:</b>	1D'	<b>F:</b>	
	<b>2B</b>	2D'	3D'''	3D''	3D	4D'	4oB		4D'		3D''
	<b>5B</b>	5oB	6D'	6D	7D	7oD	8B'		7oD		6D
	<b>8B</b>	9B'	9oD	10D	10B'	10oD			10oD		10D
<b>Mixolydian mode</b>						1D'	1D	<b>D:</b>		<b>F:</b>	
	<b>2B</b>	2D'	3D'''	3D''	3D	4D'	4D		3D		2B
	<b>5B</b>	5oB	6D'	6D	7D	7oD	8D		7D		5B
	<b>8B</b>	9B'	9oD	10D	10B'	10oD			10B'		8B
<b>Hypo-mixolydian mode</b>						1D'	1D	<b>D:</b>	1D	<b>F:</b>	
	<b>2B</b>	2D'	2D/3B	3D''	3D	4D'	4D		4D		3D''
	<b>5B</b>	5oB	6B	6D	7D	7oD	8D		8D		6D
	<b>8B</b>	9B'	9B	10D	10B'	10oD					10D

<b>Ionian mode</b>						1D'	1oB	<b>D:</b>		<b>F:</b>
	<b>2B</b>	2D'	3D'''	3D''	3D	4D'	4oB		3D	2B
	<b>5B</b>	5oB	6D'	6D	7D	7oD	8B'		7D	5B
	<b>8B</b>	9B'	9oD	10D	10B'	10oD			10B'	8B
<b>Hypo-ionian mode</b>						1D'	1D	<b>D:</b>	1D'	<b>F:</b>
	<b>2B</b>	2D'	3D'''	3D''	3D	4D'	4D		4D'	3D''
	<b>5B</b>	5oB	6D'	6D	7D	7oD	8D		7oD	6D
	<b>8B</b>	9B'	9oD	10D	10B'	10oD			10oD	10D
<b>Eolian mode</b>						1B	1D	<b>D:</b>		<b>F:</b>
	<b>2B</b>	2D'	2D/3B	3D''	3D	4B	4D		3D	2B
	<b>5B</b>	5oB	6B	6D	7D	7B	8D		7D	5B
	<b>8B</b>	9B'	9B	10D	10B'	10B			10B'	8B
<b>Hypo-eolian mode</b>						1B	1D	<b>D:</b>	1B	<b>F:</b>
	<b>2B</b>	2D''	2D/3B	3D''	3D	4B	4D		4B	3D''
	<b>5B</b>	5D	6B	6D	7D	7B	8D		7B	6D
	<b>8B</b>	9D	9B	10D	10B'	10B			10B	10D
<b>Pentatonic blues / rock</b>						1D				
	<b>2B</b>	2D/3B	3D''	3D	4D					
	<b>5B</b>	6B	6D	7D	8D					
	<b>8B</b>	9B	10D	10B'						
<b>Blues</b>						1D				
	<b>2B</b>	2D/3B	3D''	3D'	3D	4D				
	<b>5B</b>	6B	6D	6oB	7D	8D				
	<b>8B</b>	9B	10D	10B''	10B'					
<b>Moll-dur</b>						1B	1oB			
	<b>2B</b>	2D'	3D'''	3D''	3D	4B	4oB			
	<b>5B</b>	5oB	6D'	6D	7D	7B	8B'			
	<b>8B</b>	9B'	9oD	10D	10B'	10B				

<b>Gypsey one</b>						1B	1oB	
	<b>2B</b>	2D'	2D/3B	3D'	3D	4B	4oB	
	<b>5B</b>	5oB	6B	6oB	7D	7B	8B'	
	<b>8B</b>	9B'	9B	10B''	10B'	10B		
<b>Gypsey two</b>						1B	1oB	
	<b>2B</b>	2D''	3D'''	3D''	3D	4B	4oB	
	<b>5B</b>	5D	6D'	6D	7D	7B	8B'	
	<b>8B</b>	9D	9oD	10D	10B'	10B		
<b>Gypsey three</b>						1D'	1D	
	<b>2B</b>	2D''	3D'''	3D''	3D'	4D'	4D	
	<b>5B</b>	5D	6D'	6D	6oB	7oD	8D	
	<b>8B</b>	9D	9oD	10D	10B''	10oD		
<b>Whole note</b>						1B	1D	
	<b>2B</b>	2D'	3D'''	3D'	4B	4D		
	<b>5B</b>	5oB	6D'	6oB	7B	8D		
	<b>8B</b>	9B'	9oD	10B''	10B			
<b>Octatonic one</b>						1B	1D'	1oB
	<b>2B</b>	2D'	2D/3B	3D''	3D'	4B	4D'	4oB
	<b>5B</b>	5oB	6B	6D	6oB	7B	7oD	8B'
	<b>8B</b>	9B'	9B	10D	10B''	10B	10oD	
<b>Octatonic two</b>							1D'	1D
	<b>2B</b>	2D''	2D/3B	3D'''	3D'	3D	4D'	4D
	<b>5B</b>	5D	6B	6D'	6oB	7D	7oD	8D
	<b>8B</b>	9D	9B	9oD	10B''	10B'	10oD	

## Position : Twelfth (C-Harp : F)

<b>Chromatic</b>								1B	1D'	1D	1oB	2B	
	<b>2D''</b>	2D'	2D/3B	3D'''	3D''	3D'	3D	4B	4D'	4D	4oB	5B	
	<b>5D</b>	5oB	6B	6D'	6D	6oB	7D	7B	7oD	8D	8B'	8B	
	<b>9D</b>	9B'	9B	9oD	10D	10B''	10B'	10B	10oD				
<b>Major</b>								1B	1D	2B			
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D	5B						
	<b>5D</b>	6B	6D	6oB	7B	8D	8B						
	<b>9D</b>	9B	10D	10B''	10B								
<b>Minor</b>								1B	1D'	1oB			
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D'	4oB						
	<b>5D</b>	6B	6D'	6oB	7B	7oD	8B'						
	<b>9D</b>	9B	9oD	10B''	10B	10oD							
<b>Harm. minor</b>								1B	1D'	2B			
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D'	5B						
	<b>5D</b>	6B	6D'	6oB	7B	7oD	8B						
	<b>9D</b>	9B	9oD	10B''	10B	10oD							
<b>Mel. min. asc.</b>								1B	1D	2B			
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D	5B						
	<b>5D</b>	6B	6D'	6oB	7B	8D	8B						
	<b>9D</b>	9B	9oD	10B''	10B								
<b>Mel. min. desc.</b>								1B	1D'	1oB			
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D'	4oB						
	<b>5D</b>	6B	6D'	6oB	7B	7oD	8B'						
	<b>9D</b>	9B	9oD	10B''	10B	10oD							
<b>Dorian mode</b>													
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D	4oB				<b>D:</b>	1B	<b>F:</b>
	<b>5D</b>	6B	6D'	6oB	7B	8D	8B'				4B	2D''	
	<b>9D</b>	9B	9oD	10B''	10B						7B	5D	
											10B	9D	

<b>Hypo-dorian mode</b>					1B	1D'	1oB	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D'	4oB		4D'		3D'
	<b>5D</b>	6B	6D'	6oB	7B	7oD	8B'		7oD		6oB
	<b>9D</b>	9B	9oD	10B''	10B	10oD			10oD		10B''
<b>Phrygian mode</b>					1B	1D'	1oB	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D''</b>	2D'	3D'''	3D'	4B	4D'	4oB		4D'		2D''
	<b>5D</b>	5oB	6D'	6oB	7B	7oD	8B'		7oD		5D
	<b>9D</b>	9B'	9oD	10B''	10B	10oD			10oD		9D
<b>Hypo-phrygian mode</b>						1D'	1oB	<b>D:</b>	1oB	<b>F:</b>	
	<b>2D''</b>	2D'	3D'''	3D'	3D	4D'	4oB		4oB		3D'
	<b>5D</b>	5oB	6D'	6oB	7D	7oD	8B'		8B'		6oB
	<b>9D</b>	9B'	9oD	10B''	10B'	10oD					10B''
<b>Lydian mode</b>					1B	1D	2B	<b>D:</b>	1B	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D''	3D	4B	4D	5B		4B		2D''
	<b>5D</b>	6B	6D	7D	7B	8D	8B		7B		5D
	<b>9D</b>	9B	10D	10B'	10B				10B		9D
<b>Hypo-lydian mode</b>					1B	1D	2B	<b>D:</b>	1D	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D	5B		4D		3D'
	<b>5D</b>	6B	6D	6oB	7B	8D	8B		8D		6oB
	<b>9D</b>	9B	10D	10B''	10B						10B''
<b>Mixolydian mode</b>					1B	1D	1oB	<b>D:</b>	1B	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D	4oB		4B		2D''
	<b>5D</b>	6B	6D	6oB	7B	8D	8B'		7B		5D
	<b>9D</b>	9B	10D	10B''	10B				10B		9D
<b>Hypo-mixolydian mode</b>					1B	1D	1oB	<b>D:</b>	1oB	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D	4oB		4oB		3D'
	<b>5D</b>	6B	6D'	6oB	7B	8D	8B'		8B'		6oB
	<b>9D</b>	9B	9oD	10B''	10B						10B''

<b>Ionian mode</b>					1B	1D	2B	<b>D:</b>	1B	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D	5B		4B		2D''
	<b>5D</b>	6B	6D	6oB	7B	8D	8B		7B		5D
	<b>9D</b>	9B	10D	10B''	10B				10B		9D
<b>Hypo-ionian mode</b>					1B	1D	1oB	<b>D:</b>	1D	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D	4oB		4D		3D'
	<b>5D</b>	6B	6D	6oB	7B	8D	8B'		8D		6oB
	<b>9D</b>	9B	10D	10B''	10B						10B''
<b>Eolian mode</b>					1B	1D'	1oB	<b>D:</b>	1B	<b>F:</b>	
	<b>2D''</b>	2D/3B	3D'''	3D'	4B	4D'	4oB		4B		2D''
	<b>5D</b>	6B	6D'	6oB	7B	7oD	8B'		7B		5D
	<b>9D</b>	9B	9oD	10B''	10B	10oD			10B		9D
<b>Hypo-eolian mode</b>					1B	1D'	1oB	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D''</b>	2D'	3D'''	3D'	4B	4D'	4oB		4D'		3D'
	<b>5D</b>	5oB	6D'	6oB	7B	7oD	8B'		7oD		6oB
	<b>9D</b>	9B'	9oD	10B''	10B	10oD			10oD		10B''
<b>Pentatonic blues / rock</b>					1B	1oB					
	<b>2D''</b>	3D'''	3D'	4B	4oB						
	<b>5D</b>	6D'	6oB	7B	8B'						
	<b>9D</b>	9oD	10B''	10B							
<b>Blues</b>					1B	1oB					
	<b>2D''</b>	3D'''	3D'	3D	4B	4oB					
	<b>5D</b>	6D'	6oB	7D	7B	8B'					
	<b>9D</b>	9oD	10B''	10B'	10B						
<b>Moll-dur</b>					1B	1D'	2B				
	<b>2D''</b>	2D/3B	3D''	3D'	4B	4D'	5B				
	<b>5D</b>	6B	6D	6oB	7B	7oD	8B				
	<b>9D</b>	9B	10D	10B''	10B	10oD					

<b>Gypsey one</b>					1B	1D'	2B	
	<b>2D''</b>	2D/3B	3D'''	3D	4B	4D'	5B	
	<b>5D</b>	6B	6D'	7D	7B	7oD	8B	
	<b>9D</b>	9B	9oD	10B'	10B	10oD		
<b>Gypsey two</b>					1B	1D'	2B	
	<b>2D''</b>	2D'	3D''	3D'	4B	4D'	5B	
	<b>5D</b>	5oB	6D	6oB	7B	7oD	8B	
	<b>9D</b>	9B'	10D	10B''	10B	10oD		
<b>Gypsey three</b>						1D	1oB	
	<b>2D''</b>	2D'	3D''	3D'	3D	4D	4oB	
	<b>5D</b>	5oB	6D	6oB	7D	8D	8B'	
	<b>9D</b>	9B'	10D	10B''	10B'			
<b>Whole note</b>					1D'	1oB		
	<b>2D''</b>	2D/3B	3D''	3D	4D'	4oB		
	<b>5D</b>	6B	6D	7D	7oD	8B'		
	<b>9D</b>	9B	10D	10B'	10oD			
<b>Octatonic one</b>						1D'	1D	2B
	<b>2D''</b>	2D/3B	3D'''	3D'	3D	4D'	4D	5B
	<b>5D</b>	6B	6D'	6oB	7D	7oD	8D	8B
	<b>9D</b>	9B	9oD	10B''	10B'	10oD		
<b>Octatonic two</b>						1B	1D	1oB
	<b>2D''</b>	2D'	3D'''	3D''	3D	4B	4D	4oB
	<b>5D</b>	5oB	6D'	6D	7D	7B	8D	8B'
	<b>9D</b>	9B'	9oD	10D	10B'	10B		

**Position : Seventh (C-Harp : F#)**

<b>Chromatic</b>							1B	1D'	1D	1oB	2B	2D''
	<b>2D'</b>	2D/3B	3D'''	3D''	3D'	3D	4B	4D'	4D	4oB	5B	5D
	<b>5oB</b>	6B	6D'	6D	6oB	7D	7B	7oD	8D	8B'	8B	9D
	<b>9B'</b>	9B	9oD	10D	10B''	10B'	10B	10oD				
<b>Major</b>							1D'	1oB	2D''			
	<b>2D'</b>	3D'''	3D'	3D	4D'	4oB	5D					
	<b>5oB</b>	6D'	6oB	7D	7oD	8B'	9D					
	<b>9B'</b>	9oD	10B''	10B'	10oD							
<b>Minor</b>							1D'	1D	2B			
	<b>2D'</b>	3D'''	3D''	3D	4D'	4D	5B					
	<b>5oB</b>	6D'	6D	7D	7oD	8D	8B					
	<b>9B'</b>	9oD	10D	10B'	10oD							
<b>Harm. minor</b>							1D'	1D	2D''			
	<b>2D'</b>	3D'''	3D''	3D	4D'	4D	5D					
	<b>5oB</b>	6D'	6D	7D	7oD	8D	9D					
	<b>9B'</b>	9oD	10D	10B'	10oD							
<b>Mel. min. asc.</b>							1D'	1oB	2D''			
	<b>2D'</b>	3D'''	3D''	3D	4D'	4oB	5D					
	<b>5oB</b>	6D'	6D	7D	7oD	8B'	9D					
	<b>9B'</b>	9oD	10D	10B'	10oD							
<b>Mel. min. desc.</b>							1D'	1D	2B			
	<b>2D'</b>	3D'''	3D''	3D	4D'	4D	5B					
	<b>5oB</b>	6D'	6D	7D	7oD	8D	8B					
	<b>9B'</b>	9oD	10D	10B'	10oD							
<b>Dorian mode</b>							1D'	1oB	2B			
	<b>2D'</b>	3D'''	3D''	3D	4D'	4oB	5B			<b>D:</b>	1D'	<b>F:</b>
	<b>5oB</b>	6D'	6D	7D	7oD	8B'	8B				4D'	2D'
	<b>9B'</b>	9oD	10D	10B'	10oD						7oD	5oB
											10oD	9B'

<b>Hypo-dorian mode</b>					1D'	1D	2B	<b>D:</b>	1D	<b>F:</b>	
	<b>2D'</b>	3D'''	3D''	3D	4D'	4D	5B		4D		3D
	<b>5oB</b>	6D'	6D	7D	7oD	8D	8B		8D		7D
	<b>9B'</b>	9oD	10D	10B'	10oD						10B'
<b>Phrygian mode</b>					1D'	1D	2B	<b>D:</b>	1D	<b>F:</b>	
	<b>2D'</b>	2D/3B	3D''	3D	4D'	4D	5B		4D		2D'
	<b>5oB</b>	6B	6D	7D	7oD	8D	8B		8D		5oB
	<b>9B'</b>	9B	10D	10B'	10oD						9B'
<b>Hypo-phrygian mode</b>					1B	1D	2B	<b>D:</b>	2B	<b>F:</b>	
	<b>2D'</b>	2D/3B	3D''	3D	4B	4D	5B		5B		3D
	<b>5oB</b>	6B	6D	7D	7B	8D	8B		8B		7D
	<b>9B'</b>	9B	10D	10B'	10B						10B'
<b>Lydian mode</b>				1B	1D'	1oB	2D''	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D'</b>	3D'''	3D'	4B	4D'	4oB	5D		4D'		2D'
	<b>5oB</b>	6D'	6oB	7B	7oD	8B'	9D		7oD		5oB
	<b>9B'</b>	9oD	10B''	10B	10oD				10oD		9B'
<b>Hypo-lydian mode</b>					1D'	1oB	2D''	<b>D:</b>	1oB	<b>F:</b>	
	<b>2D'</b>	3D'''	3D'	3D	4D'	4oB	5D		4oB		3D
	<b>5oB</b>	6D'	6oB	7D	7oD	8B'	9D		8B'		7D
	<b>9B'</b>	9oD	10B''	10B'	10oD						10B'
<b>Mixolydian mode</b>					1D'	1oB	2B	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D'</b>	3D'''	3D'	3D	4D'	4oB	5B		4D'		2D'
	<b>5oB</b>	6D'	6oB	7D	7oD	8B'	8B		7oD		5oB
	<b>9B'</b>	9oD	10B''	10B'	10oD				10oD		9B'
<b>Hypo-mixolydian mode</b>					1D'	1oB	2B	<b>D:</b>	2B	<b>F:</b>	
	<b>2D'</b>	3D'''	3D''	3D	4D'	4oB	5B		5B		3D
	<b>5oB</b>	6D'	6D	7D	7oD	8B'	8B		8B		7D
	<b>9B'</b>	9oD	10D	10B'	10oD						10B'

<b>Ionian mode</b>					1D'	1oB	2D''	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D'</b>	3D'''	3D'	3D	4D'	4oB	5D		4D'		2D'
	<b>5oB</b>	6D'	6oB	7D	7oD	8B'	9D		7oD		5oB
	<b>9B'</b>	9oD	10B''	10B'	10oD				10oD		9B'
<b>Hypo-ionian mode</b>					1D'	1oB	2B	<b>D:</b>	1oB	<b>F:</b>	
	<b>2D'</b>	3D'''	3D'	3D	4D'	4oB	5B		4oB		3D
	<b>5oB</b>	6D'	6oB	7D	7oD	8B'	8B		8B'		7D
	<b>9B'</b>	9oD	10B''	10B'	10oD						10B'
<b>Eolian mode</b>					1D'	1D	2B	<b>D:</b>	1D'	<b>F:</b>	
	<b>2D'</b>	3D'''	3D''	3D	4D'	4D	5B		4D'		2D'
	<b>5oB</b>	6D'	6D	7D	7oD	8D	8B		7oD		5oB
	<b>9B'</b>	9oD	10D	10B'	10oD				10oD		9B'
<b>Hypo-eolian mode</b>					1D'	1D	2B	<b>D:</b>	1D	<b>F:</b>	
	<b>2D'</b>	2D/3B	3D''	3D	4D'	4D	5B		4D		3D
	<b>5oB</b>	6B	6D	7D	7oD	8D	8B		8D		7D
	<b>9B'</b>	9B	10D	10B'	10oD						10B'
<b>Pentatonic blues / rock</b>					1D'	2B					
	<b>2D'</b>	3D''	3D	4D'	5B						
	<b>5oB</b>	6D	7D	7oD	8B						
	<b>9B'</b>	10D	10B'	10oD							
<b>Blues</b>					1B	1D'	2B				
	<b>2D'</b>	3D''	3D	4B	4D'	5B					
	<b>5oB</b>	6D	7D	7B	7oD	8B					
	<b>9B'</b>	10D	10B'	10B	10oD						
<b>Moll-dur</b>					1D'	1D	2D''				
	<b>2D'</b>	3D'''	3D'	3D	4D'	4D	5D				
	<b>5oB</b>	6D'	6oB	7D	7oD	8D	9D				
	<b>9B'</b>	9oD	10B''	10B'	10oD						

<b>Gypsey one</b>				1B	1D'	1D	2D''	
	<b>2D'</b>	3D'''	3D''	4B	4D'	4D	5D	
	<b>5oB</b>	6D'	6D	7B	7oD	8D	9D	
	<b>9B'</b>	9oD	10D	10B	10oD			
<b>Gypsey two</b>					1D'	1D	2D''	
	<b>2D'</b>	2D/3B	3D'	3D	4D'	4D	5D	
	<b>5oB</b>	6B	6oB	7D	7oD	8D	9D	
	<b>9B'</b>	9B	10B''	10B'	10oD			
<b>Gypsey three</b>					1B	1oB	2B	
	<b>2D'</b>	2D/3B	3D'	3D	4B	4oB	5B	
	<b>5oB</b>	6B	6oB	7D	7B	8B'	8B	
	<b>9B'</b>	9B	10B''	10B'	10B			
<b>Whole note</b>				1B	1D	2B		
	<b>2D'</b>	3D'''	3D'	4B	4D	5B		
	<b>5oB</b>	6D'	6oB	7B	8D	8B		
	<b>9B'</b>	9oD	10B''	10B				
<b>Octatonic one</b>					1B	1D	1oB	2D''
	<b>2D'</b>	3D'''	3D''	3D	4B	4D	4oB	5D
	<b>5oB</b>	6D'	6D	7D	7B	8D	8B'	9D
	<b>9B'</b>	9oD	10D	10B'	10B			
<b>Octatonic two</b>					1B	1D'	1oB	2B
	<b>2D'</b>	2D/3B	3D''	3D'	4B	4D'	4oB	5B
	<b>5oB</b>	6B	6D	6oB	7B	7oD	8B'	8B
	<b>9B'</b>	9B	10D	10B''	10B	10oD		



<b>Hypo-dorian mode</b>				1B	1D	1oB	2D''	<b>D:</b>	1oB	<b>F:</b>	1B
	<b>2D/3B</b>	3D''	3D'	4B	4D	4oB	5D		4oB		4B
	<b>6B</b>	6D	6oB	7B	8D	8B'	9D		8B'		7B
	<b>9B</b>	10D	10B''	10B							10B
<b>Phrygian mode</b>				1B	1D	1oB	2D''	<b>D:</b>	1oB	<b>F:</b>	
	<b>2D/3B</b>	3D'''	3D'	4B	4D	4oB	5D		4oB		2D/3B
	<b>6B</b>	6D'	6oB	7B	8D	8B'	9D		8B'		6B
	<b>9B</b>	9oD	10B''	10B							9B
<b>Hypo-phrygian mode</b>				1B	1D'	1oB	2D''	<b>D:</b>	2D''	<b>F:</b>	1B
	<b>2D/3B</b>	3D'''	3D'	4B	4D'	4oB	5D		5D		4B
	<b>6B</b>	6D'	6oB	7B	7oD	8B'	9D		9D		7B
	<b>9B</b>	9oD	10B''	10B	10oD						10B
<b>Lydian mode</b>				1D'	1D	2B	2D'	<b>D:</b>	1D	<b>F:</b>	
	<b>2D/3B</b>	3D''	3D	4D'	4D	5B	5oB		4D		2D/3B
	<b>6B</b>	6D	7D	7oD	8D	8B	9B'		8D		6B
	<b>9B</b>	10D	10B'	10oD							9B
<b>Hypo-lydian mode</b>				1B	1D	2B	2D'	<b>D:</b>	2B	<b>F:</b>	1B
	<b>2D/3B</b>	3D''	3D	4B	4D	5B	5oB		5B		4B
	<b>6B</b>	6D	7D	7B	8D	8B	9B'		8B		7B
	<b>9B</b>	10D	10B'	10B							10B
<b>Mixolydian mode</b>				1B	1D	2B	2D''	<b>D:</b>	1D	<b>F:</b>	
	<b>2D/3B</b>	3D''	3D	4B	4D	5B	5D		4D		2D/3B
	<b>6B</b>	6D	7D	7B	8D	8B	9D		8D		6B
	<b>9B</b>	10D	10B'	10B							9B
<b>Hypo-mixolydian mode</b>				1B	1D	2B	2D''	<b>D:</b>	2D''	<b>F:</b>	1B
	<b>2D/3B</b>	3D''	3D'	4B	4D	5B	5D		5D		4B
	<b>6B</b>	6D	6oB	7B	8D	8B	9D		9D		7B
	<b>9B</b>	10D	10B''	10B							10B

<b>Ionian mode</b>				1B	1D	2B	2D'	<b>D:</b>	1D	<b>F:</b>	
	<b>2D/3B</b>	3D''	3D	4B	4D	5B	5oB		4D		2D/3B
	<b>6B</b>	6D	7D	7B	8D	8B	9B'		8D		6B
	<b>9B</b>	10D	10B'	10B							9B
<b>Hypo-ionian mode</b>				1B	1D	2B	2D''	<b>D:</b>	2B	<b>F:</b>	1B
	<b>2D/3B</b>	3D''	3D	4B	4D	5B	5D		5B		4B
	<b>6B</b>	6D	7D	7B	8D	8B	9D		8B		7B
	<b>9B</b>	10D	10B'	10B							10B
<b>Eolian mode</b>				1B	1D	1oB	2D''	<b>D:</b>	1D	<b>F:</b>	
	<b>2D/3B</b>	3D''	3D'	4B	4D	4oB	5D		4D		2D/3B
	<b>6B</b>	6D	6oB	7B	8D	8B'	9D		8D		6B
	<b>9B</b>	10D	10B''	10B							9B
<b>Hypo-eolian mode</b>				1B	1D	1oB	2D''	<b>D:</b>	1oB	<b>F:</b>	1B
	<b>2D/3B</b>	3D'''	3D'	4B	4D	4oB	5D		4oB		4B
	<b>6B</b>	6D'	6oB	7B	8D	8B'	9D		8B'		7B
	<b>9B</b>	9oD	10B''	10B							10B
<b>Pentatonic blues / rock</b>			1B	1D	2D''						
	<b>2D/3B</b>	3D'	4B	4D	5D						
	<b>6B</b>	6oB	7B	8D	9D						
	<b>9B</b>	10B''	10B								
<b>Blues</b>			1B	1D'	1D	2D''					
	<b>2D/3B</b>	3D'	4B	4D'	4D	5D					
	<b>6B</b>	6oB	7B	7oD	8D	9D					
	<b>9B</b>	10B''	10B	10oD							
<b>Moll-dur</b>				1B	1D	1oB	2D'				
	<b>2D/3B</b>	3D''	3D	4B	4D	4oB	5oB				
	<b>6B</b>	6D	7D	7B	8D	8B'	9B'				
	<b>9B</b>	10D	10B'	10B							

<b>Gypsey one</b>				1D'	1D	1oB	2D'	
	<b>2D/3B</b>	3D''	3D'	4D'	4D	4oB	5oB	
	<b>6B</b>	6D	6oB	7oD	8D	8B'	9B'	
	<b>9B</b>	10D	10B''	10oD				
<b>Gypsey two</b>				1B	1D	1oB	2D'	
	<b>2D/3B</b>	3D'''	3D	4B	4D	4oB	5oB	
	<b>6B</b>	6D'	7D	7B	8D	8B'	9B'	
	<b>9B</b>	9oD	10B'	10B				
<b>Gypsey three</b>				1B	1D'	2B	2D''	
	<b>2D/3B</b>	3D'''	3D	4B	4D'	5B	5D	
	<b>6B</b>	6D'	7D	7B	7oD	8B	9D	
	<b>9B</b>	9oD	10B'	10B	10oD			
<b>Whole note</b>				1D'	1oB	2D''		
	<b>2D/3B</b>	3D''	3D	4D'	4oB	5D		
	<b>6B</b>	6D	7D	7oD	8B'	9D		
	<b>9B</b>	10D	10B'	10oD				
<b>Octatonic one</b>				1B	1D'	1oB	2B	2D'
	<b>2D/3B</b>	3D''	3D'	4B	4D'	4oB	5B	5oB
	<b>6B</b>	6D	6oB	7B	7oD	8B'	8B	9B'
	<b>9B</b>	10D	10B''	10B	10oD			
<b>Octatonic two</b>					1D'	1D	2B	2D''
	<b>2D/3B</b>	3D'''	3D'	3D	4D'	4D	5B	5D
	<b>6B</b>	6D'	6oB	7D	7oD	8D	8B	9D
	<b>9B</b>	9oD	10B''	10B'	10oD			





<b>Ionian mode</b>			1B	1D'	1oB	2D''	2D/3B	<b>D:</b>	1oB	<b>F:</b>	
	<b>3D'''</b>	3D'	4B	4D'	4oB	5D	6B		4oB		3D'''
	<b>6D'</b>	6oB	7B	7oD	8B'	9D	9B		8B'		6D'
	<b>9oD</b>	10B''	10B	10oD							9oD
<b>Hypo-ionian mode</b>			1B	1D'	1oB	2D''	2D'	<b>D:</b>	2D''	<b>F:</b>	1D'
	<b>3D'''</b>	3D'	4B	4D'	4oB	5D	5oB		5D		4D'
	<b>6D'</b>	6oB	7B	7oD	8B'	9D	9B'		9D		7oD
	<b>9oD</b>	10B''	10B	10oD							10oD
<b>Eolian mode</b>				1D'	1oB	2B	2D'	<b>D:</b>	1oB	<b>F:</b>	
	<b>3D'''</b>	3D'	3D	4D'	4oB	5B	5oB		4oB		3D'''
	<b>6D'</b>	6oB	7D	7oD	8B'	8B	9B'		8B'		6D'
	<b>9oD</b>	10B''	10B'	10oD							9oD
<b>Hypo-eolian mode</b>				1D'	1oB	2B	2D'	<b>D:</b>	2B	<b>F:</b>	1D'
	<b>3D'''</b>	3D''	3D	4D'	4oB	5B	5oB		5B		4D'
	<b>6D'</b>	6D	7D	7oD	8B'	8B	9B'		8B		7oD
	<b>9oD</b>	10D	10B'	10oD							10oD
<b>Pentatonic blues / rock</b>			1D'	1oB	2D'						
	<b>3D'''</b>	3D	4D'	4oB	5oB						
	<b>6D'</b>	7D	7oD	8B'	9B'						
	<b>9oD</b>	10B'	10oD								
<b>Blues</b>			1D'	1D	1oB	2D'					
	<b>3D'''</b>	3D	4D'	4D	4oB	5oB					
	<b>6D'</b>	7D	7oD	8D	8B'	9B'					
	<b>9oD</b>	10B'	10oD								
<b>Moll-dur</b>			1B	1D'	1oB	2B	2D/3B				
	<b>3D'''</b>	3D'	4B	4D'	4oB	5B	6B				
	<b>6D'</b>	6oB	7B	7oD	8B'	8B	9B				
	<b>9oD</b>	10B''	10B	10oD							

<b>Gypsey one</b>				1D	1oB	2B	2D/3B	
	<b>3D'''</b>	3D'	3D	4D	4oB	5B	6B	
	<b>6D'</b>	6oB	7D	8D	8B'	8B	9B	
	<b>9oD</b>	10B''	10B'					
<b>Gypsey two</b>			1B	1D'	1oB	2B	2D/3B	
	<b>3D'''</b>	3D''	4B	4D'	4oB	5B	6B	
	<b>6D'</b>	6D	7B	7oD	8B'	8B	9B	
	<b>9oD</b>	10D	10B	10oD				
<b>Gypsey three</b>			1B	1D'	1D	2D''	2D'	
	<b>3D'''</b>	3D''	4B	4D'	4D	5D	5oB	
	<b>6D'</b>	6D	7B	7oD	8D	9D	9B'	
	<b>9oD</b>	10D	10B	10oD				
<b>Whole note</b>			1B	1D	2B	2D'		
	<b>3D'''</b>	3D'	4B	4D	5B	5oB		
	<b>6D'</b>	6oB	7B	8D	8B	9B'		
	<b>9oD</b>	10B''	10B					
<b>Octatonic one</b>				1D'	1D	2B	2D''	2D/3B
	<b>3D'''</b>	3D'	3D	4D'	4D	5B	5D	6B
	<b>6D'</b>	6oB	7D	7oD	8D	8B	9D	9B
	<b>9oD</b>	10B''	10B'	10oD				
<b>Octatonic two</b>				1B	1D	1oB	2D''	2D'
	<b>3D'''</b>	3D''	3D	4B	4D	4oB	5D	5oB
	<b>6D'</b>	6D	7D	7B	8D	8B'	9D	9B'
	<b>9oD</b>	10D	10B'	10B				

## Position : Fourth (C-Harp : A)

<b>Chromatic</b>				1B	1D'	1D	1oB	2B	2D''	2D'	2D/3B	3D'''
	<b>3D''</b>	3D'	3D	4B	4D'	4D	4oB	5B	5D	5oB	6B	6D'
	<b>6D</b>	6oB	7D	7B	7oD	8D	8B'	8B	9D	9B'	9B	9oD
	<b>10D</b>	10B''	10B'	10B	10oD							
<b>Major</b>			1D'	1D	2B	2D'	3D'''					
	<b>3D''</b>	3D	4D'	4D	5B	5oB	6D'					
	<b>6D</b>	7D	7oD	8D	8B	9B'	9oD					
	<b>10D</b>	10B'	10oD									
<b>Minor</b>			1B	1D	2B	2D''	2D/3B					
	<b>3D''</b>	3D	4B	4D	5B	5D	6B					
	<b>6D</b>	7D	7B	8D	8B	9D	9B					
	<b>10D</b>	10B'	10B									
<b>Harm. minor</b>			1B	1D	2B	2D''	3D'''					
	<b>3D''</b>	3D	4B	4D	5B	5D	6D'					
	<b>6D</b>	7D	7B	8D	8B	9D	9oD					
	<b>10D</b>	10B'	10B									
<b>Mel. min. asc.</b>			1B	1D	2B	2D'	3D'''					
	<b>3D''</b>	3D	4B	4D	5B	5oB	6D'					
	<b>6D</b>	7D	7B	8D	8B	9B'	9oD					
	<b>10D</b>	10B'	10B									
<b>Mel. min. desc.</b>			1B	1D	2B	2D''	2D/3B					
	<b>3D''</b>	3D	4B	4D	5B	5D	6B					
	<b>6D</b>	7D	7B	8D	8B	9D	9B					
	<b>10D</b>	10B'	10B									
<b>Dorian mode</b>			1B	1D	2B	2D'	2D/3B					
	<b>3D''</b>	3D	4B	4D	5B	5oB	6B		<b>D:</b>	2B	<b>F:</b>	3D''
	<b>6D</b>	7D	7B	8D	8B	9B'	9B			5B		6D
	<b>10D</b>	10B'	10B							8B		10D

<b>Hypo-dorian mode</b>		1B	1D	2B	2D''	2D/3B	<b>D:</b>	2D''	<b>F:</b>	1D
	<b>3D''</b>	3D	4B	4D	5B	5D	6B	5D		4D
	<b>6D</b>	7D	7B	8D	8B	9D	9B	9D		8D
	<b>10D</b>	10B'	10B							
<b>Phrygian mode</b>		1B	1D	2B	2D''	2D/3B	<b>D:</b>	2D''	<b>F:</b>	
	<b>3D''</b>	3D'	4B	4D	5B	5D	6B	5D		3D''
	<b>6D</b>	6oB	7B	8D	8B	9D	9B	9D		6D
	<b>10D</b>	10B''	10B							10D
<b>Hypo-phrygian mode</b>		1B	1D	1oB	2D''	2D/3B	<b>D:</b>	2D/3B	<b>F:</b>	1D
	<b>3D''</b>	3D'	4B	4D	4oB	5D	6B	6B		4D
	<b>6D</b>	6oB	7B	8D	8B'	9D	9B	9B		8D
	<b>10D</b>	10B''	10B							
<b>Lydian mode</b>		1D'	1oB	2B	2D'	3D'''	<b>D:</b>	2B	<b>F:</b>	
	<b>3D''</b>	3D	4D'	4oB	5B	5oB	6D'	5B		3D''
	<b>6D</b>	7D	7oD	8B'	8B	9B'	9oD	8B		6D
	<b>10D</b>	10B'	10oD							10D
<b>Hypo-lydian mode</b>		1D'	1D	2B	2D'	3D'''	<b>D:</b>	2D'	<b>F:</b>	1D
	<b>3D''</b>	3D	4D'	4D	5B	5oB	6D'	5oB		4D
	<b>6D</b>	7D	7oD	8D	8B	9B'	9oD	9B'		8D
	<b>10D</b>	10B'	10oD							
<b>Mixolydian mode</b>		1D'	1D	2B	2D'	2D/3B	<b>D:</b>	2B	<b>F:</b>	
	<b>3D''</b>	3D	4D'	4D	5B	5oB	6B	5B		3D''
	<b>6D</b>	7D	7oD	8D	8B	9B'	9B	8B		6D
	<b>10D</b>	10B'	10oD							10D
<b>Hypo-mixolydian mode</b>		1B	1D	2B	2D'	2D/3B	<b>D:</b>	2D/3B	<b>F:</b>	1D
	<b>3D''</b>	3D	4B	4D	5B	5oB	6B	6B		4D
	<b>6D</b>	7D	7B	8D	8B	9B'	9B	9B		8D
	<b>10D</b>	10B'	10B							



<b>Gypsey one</b>			1B	1oB	2B	2D''	3D'''	
	<b>3D''</b>	3D	4B	4oB	5B	5D	6D'	
	<b>6D</b>	7D	7B	8B'	8B	9D	9oD	
	<b>10D</b>	10B'	10B					
<b>Gypsey two</b>			1D'	1D	2B	2D''	3D'''	
	<b>3D''</b>	3D'	4D'	4D	5B	5D	6D'	
	<b>6D</b>	6oB	7oD	8D	8B	9D	9oD	
	<b>10D</b>	10B''	10oD					
<b>Gypsey three</b>			1D'	1D	1oB	2D'	2D/3B	
	<b>3D''</b>	3D'	4D'	4D	4oB	5oB	6B	
	<b>6D</b>	6oB	7oD	8D	8B'	9B'	9B	
	<b>10D</b>	10B''	10oD					
<b>Whole note</b>			1D'	1oB	2D''	2D/3B		
	<b>3D''</b>	3D	4D'	4oB	5D	6B		
	<b>6D</b>	7D	7oD	8B'	9D	9B		
	<b>10D</b>	10B'	10oD					
<b>Octatonic one</b>			1B	1D	1oB	2D''	2D'	3D'''
	<b>3D''</b>	3D	4B	4D	4oB	5D	5oB	6D'
	<b>6D</b>	7D	7B	8D	8B'	9D	9B'	9oD
	<b>10D</b>	10B'	10B					
<b>Octatonic two</b>			1B	1D'	1oB	2B	2D'	2D/3B
	<b>3D''</b>	3D'	4B	4D'	4oB	5B	5oB	6B
	<b>6D</b>	6oB	7B	7oD	8B'	8B	9B'	9B
	<b>10D</b>	10B''	10B	10oD				



<b>Hypo-dorian mode</b>	1B <b>3D'</b> <b>6oB</b> <b>10B''</b>	1D' 4B 7B 10B	1oB 4D' 7oD 10oD	2D'' 5D 9D	2D' 5oB 9B'	3D''' 6D' 9oD	<b>D:</b>	2D' 5oB 9B'	<b>F:</b>	1oB 4oB 8B'
<b>Phrygian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	3D 7D 10B'	1D' 4D' 7oD 10oD	1oB 4oB 8B' 10oD	2D'' 5D 9D	2D' 5oB 9B' 9oD	<b>D:</b>	2D' 5oB 9B'	<b>F:</b>	3D' 6oB 10B''
<b>Hypo-phrygian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	3D 7D 10B'	1D' 4D' 7oD 10oD	1oB 4oB 8B' 10oD	2B 5B 8B	2D' 5oB 9B' 9oD	<b>D:</b>	3D''' 6D' 9oD	<b>F:</b>	1oB 4oB 8B'
<b>Lydian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	1B 4B 7B 10B	1D 4D 8D	2B 5B 8B	2D'' 5D 9D	2D/3B 6B 9B 10D	<b>D:</b>	2D'' 5D 9D	<b>F:</b>	3D' 6oB 10B''
<b>Hypo-lydian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	1B 4B 7B 10B	1D 4D 8D	1oB 4oB 8B' 10oD	2D'' 5D 9D	2D/3B 6B 9B 10D	<b>D:</b>	2D/3B 6B 9B	<b>F:</b>	1oB 4oB 8B'
<b>Mixolydian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	1B 4B 7B 10B	1D 4D 8D	1oB 4oB 8B' 10oD	2D'' 5D 9D	2D/3B 6B 9B 9oD	<b>D:</b>	2D'' 5D 9D	<b>F:</b>	3D' 6oB 10B''
<b>Hypo-mixolydian mode</b>	<b>3D'</b> <b>6oB</b> <b>10B''</b>	1B 4B 7B 10B	1D' 4D' 7oD 10oD	1oB 4oB 8B' 10oD	2D'' 5D 9D	2D/3B 6B 9B 9oD	<b>D:</b>	3D''' 6D' 9oD	<b>F:</b>	1oB 4oB 8B'



<b>Gypsey one</b>		1B	1D'	2B	2D''	2D'	3D''
	<b>3D'</b>	4B	4D'	5B	5D	5oB	6D
	<b>6oB</b>	7B	7oD	8B	9D	9B'	10D
	<b>10B''</b>	10B	10oD				
<b>Gypsey two</b>			1D	1oB	2D''	2D'	3D''
	<b>3D'</b>	3D	4D	4oB	5D	5oB	6D
	<b>6oB</b>	7D	8D	8B'	9D	9B'	10D
	<b>10B''</b>	10B'					
<b>Gypsey three</b>			1D	1oB	2B	2D/3B	3D'''
	<b>3D'</b>	3D	4D	4oB	5B	6B	6D'
	<b>6oB</b>	7D	8D	8B'	8B	9B	9oD
	<b>10B''</b>	10B'					
<b>Whole note</b>		1B	1D	2B	2D'	3D'''	
	<b>3D'</b>	4B	4D	5B	5oB	6D'	
	<b>6oB</b>	7B	8D	8B	9B'	9oD	
	<b>10B''</b>	10B					
<b>Octatonic one</b>		1B	1D'	1oB	2B	2D'	2D/3B 3D''
	<b>3D'</b>	4B	4D'	4oB	5B	5oB	6B 6D
	<b>6oB</b>	7B	7oD	8B'	8B	9B'	9B 10D
	<b>10B''</b>	10B	10oD				
<b>Octatonic two</b>			1D'	1D	2B	2D''	2D/3B 3D'''
	<b>3D'</b>	3D	4D'	4D	5B	5D	6B 6D'
	<b>6oB</b>	7D	7oD	8D	8B	9D	9B 9oD
	<b>10B''</b>	10B'	10oD				

## Position : Sixth (C-Harp : B)

<b>Chromatic</b>		1B	1D'	1D	1oB	2B	2D''	2D'	2D/3B	3D'''	3D''	3D'
	<b>3D</b>	4B	4D'	4D	4oB	5B	5D	5oB	6B	6D'	6D	6oB
	<b>7D</b>	7B	7oD	8D	8B'	8B	9D	9B'	9B	9oD	10D	10B''
	<b>10B'</b>	10B	10oD									
<b>Major</b>		1D'	1oB	2B	2D'	3D'''	3D'					
	<b>3D</b>	4D'	4oB	5B	5oB	6D'	6oB					
	<b>7D</b>	7oD	8B'	8B	9B'	9oD	10B''					
	<b>10B'</b>	10oD										
<b>Minor</b>		1D'	1D	2B	2D'	2D/3B	3D''					
	<b>3D</b>	4D'	4D	5B	5oB	6B	6D					
	<b>7D</b>	7oD	8D	8B	9B'	9B	10D					
	<b>10B'</b>	10oD										
<b>Harm. minor</b>		1D'	1D	2B	2D'	2D/3B	3D'					
	<b>3D</b>	4D'	4D	5B	5oB	6B	6oB					
	<b>7D</b>	7oD	8D	8B	9B'	9B	10B''					
	<b>10B'</b>	10oD										
<b>Mel. min. asc.</b>		1D'	1D	2B	2D'	3D'''	3D'					
	<b>3D</b>	4D'	4D	5B	5oB	6D'	6oB					
	<b>7D</b>	7oD	8D	8B	9B'	9oD	10B''					
	<b>10B'</b>	10oD										
<b>Mel. min. desc.</b>		1D'	1D	2B	2D'	2D/3B	3D''					
	<b>3D</b>	4D'	4D	5B	5oB	6B	6D					
	<b>7D</b>	7oD	8D	8B	9B'	9B	10D					
	<b>10B'</b>	10oD										
<b>Dorian mode</b>		1D'	1D	2B	2D'	3D'''	3D''					
	<b>3D</b>	4D'	4D	5B	5oB	6D'	6D		<b>D:</b>	2D'	<b>F:</b>	3D
	<b>7D</b>	7oD	8D	8B	9B'	9oD	10D			5oB		7D
	<b>10B'</b>	10oD								9B'		10B'





<b>Gypsey one</b>		1D'	1D	2D''	2D'	2D/3B	3D'	
	<b>3D</b>	4D'	4D	5D	5oB	6B	6oB	
	<b>7D</b>	7oD	8D	9D	9B'	9B	10B''	
	<b>10B'</b>	10oD						
<b>Gypsey two</b>		1B	1oB	2B	2D'	2D/3B	3D'	
	<b>3D</b>	4B	4oB	5B	5oB	6B	6oB	
	<b>7D</b>	7B	8B'	8B	9B'	9B	10B''	
	<b>10B'</b>	10B						
<b>Gypsey three</b>		1B	1oB	2B	2D''	3D'''	3D''	
	<b>3D</b>	4B	4oB	5B	5D	6D'	6D	
	<b>7D</b>	7B	8B'	8B	9D	9oD	10D	
	<b>10B'</b>	10B						
<b>Whole note</b>		1D'	1oB	2D''	2D/3B	3D''		
	<b>3D</b>	4D'	4oB	5D	6B	6D		
	<b>7D</b>	7oD	8B'	9D	9B	10D		
	<b>10B'</b>	10oD						
<b>Octatonic one</b>		1D'	1D	2B	2D''	2D/3B	3D'''	3D'
	<b>3D</b>	4D'	4D	5B	5D	6B	6D'	6oB
	<b>7D</b>	7oD	8D	8B	9D	9B	9oD	10B''
	<b>10B'</b>	10oD						
<b>Octatonic two</b>		1B	1D	1oB	2D''	2D'	3D'''	3D''
	<b>3D</b>	4B	4D	4oB	5D	5oB	6D'	6D
	<b>7D</b>	7B	8D	8B'	9D	9B'	9oD	10D
	<b>10B'</b>	10B						