

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
C $\Delta$	d7	E sus $\flat$ 9 E Phryg	F $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
G7	G sus	a7	B $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
c $\Delta$	D sus $\flat$ 9 D 13( $\flat$ 9)	E $\flat$ $\Delta$ +5	F7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
G7 F7 $\flat$ 5 c $\Delta$ /G	A $\emptyset$	B7alt B7 $\flat$ 5 B $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
G7 $\flat$ 9 B $\flat$ 7 $\flat$ 9 D $\flat$ 7 $\flat$ 9 E7 $\flat$ 9	F $\circ$ A $\flat$ $\circ$ B $\circ$ D $\circ$	G7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale 5th mode
C $\Delta$	d7		G7	A7+9

In-sen scale	Altered pentatonic scale	Blues scale
c $\Delta$	C $\sharp$ 7alt E Phryg	C $\sharp$ 7alt C7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
F $\Delta$	g7	A sus $\flat$ 9    A Phryg	B $\flat$ $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
C7	C sus	d7	E $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
f $\Delta$	G sus $\flat$ 9    G 13( $\flat$ 9)	A $\flat$ $\Delta$ +5	B $\flat$ 7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
C7    B $\flat$ 7 $\flat$ 5    f $\Delta$ /C	D $\emptyset$	E7alt    E7 $\flat$ 5    E $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
C7 $\flat$ 9    E $\flat$ 7 $\flat$ 9    G $\flat$ 7 $\flat$ 9    A7 $\flat$ 9	B $\flat$ $\circ$ D $\flat$ $\circ$ E $\circ$ G $\circ$	C7+5



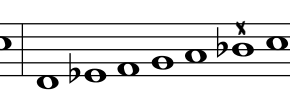

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale 5th mode
F $\Delta$	g7		C7	D7+9





  

In-sen scale	Altered pentatonic scale	Blues scale
f $\Delta$	F $\sharp$ 7alt    A Phryg	F $\sharp$ 7alt    F7+9



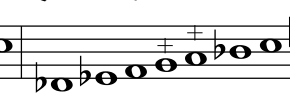

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
			
B <sup>b</sup> Δ	c7	Dsus <sup>b</sup> 9 DPhryg	E <sup>b</sup> Δ+4




  

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
			
F7	Fsus	g7	A <sup>∅</sup>

### Melodic Minor Scales

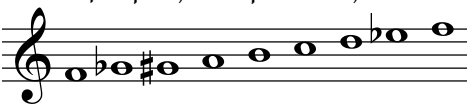

Minor-major	2nd mode	Lydian augmented	Lydian dominant
			
b <sup>b</sup> Δ	Csus <sup>b</sup> 9 C13( <sup>b</sup> 9)	D <sup>b</sup> Δ+5	E <sup>b</sup> 7+11


5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
		
F7 E <sup>b</sup> 7 <sup>b</sup> 5 b <sup>b</sup> Δ/F	G <sup>∅</sup>	A7alt A7 <sup>b</sup> 5 A <sup>∅</sup>

### Diminished Scales




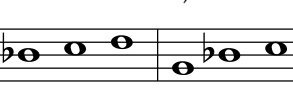
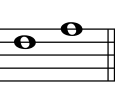
### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale
	
F7 <sup>b</sup> 9 A <sup>b</sup> 7 <sup>b</sup> 9 B7 <sup>b</sup> 9 D7 <sup>b</sup> 9	E <sup>∅</sup> G <sup>∅</sup> A <sup>∅</sup> C <sup>∅</sup>

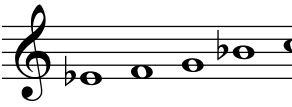
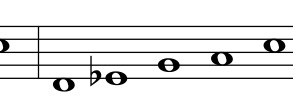

  


F7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale 5th mode
				
B <sup>b</sup> Δ	c7		F7	G7+9

In-sen scale	Altered pentatonic scale	Blues scale
		
b <sup>b</sup> Δ	B7alt DPhryg	B7alt B <sup>b</sup> 7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
E <sup>b</sup> Δ	f7	G sus <sup>b</sup> 9    G Phryg	A <sup>b</sup> Δ+4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
B <sup>b</sup> 7	B <sup>b</sup> sus	c7	D <sup>ø</sup>

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
e <sup>b</sup> Δ	F sus <sup>b</sup> 9    F 13( <sup>b</sup> 9)	G <sup>b</sup> Δ+5	A <sup>b</sup> 7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
B <sup>b</sup> 7    A <sup>b</sup> 7 <sup>b</sup> 5    e <sup>b</sup> Δ/B <sup>b</sup>	C <sup>ø</sup>	D7alt    D7 <sup>b</sup> 5    D <sup>ø</sup>

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
B <sup>b</sup> 7 <sup>b</sup> 9    D <sup>b</sup> 7 <sup>b</sup> 9    E7 <sup>b</sup> 9    G7 <sup>b</sup> 9	A <sup>b</sup> °    B°    D°    F°	B <sup>b</sup> 7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale 5th mode
E <sup>b</sup> Δ	f7		B <sup>b</sup> 7	C7+9

In-sen scale	Altered pentatonic scale	Blues scale
e <sup>b</sup> Δ	E7alt    G Phryg	E7alt    E <sup>b</sup> 7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
A <sup>b</sup> Δ	b <sup>7</sup>	C sus b <sup>9</sup> C Phryg	D <sup>b</sup> Δ+4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
E <sup>b</sup> 7	E <sup>b</sup> sus	f <sup>7</sup>	G <sup>∅</sup>

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
a <sup>b</sup> Δ	B <sup>b</sup> sus b <sup>9</sup> B <sup>b</sup> 13(b <sup>9</sup> )	B <sup>Δ</sup> +5	D <sup>b</sup> 7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
E <sup>b</sup> 7   D <sup>b</sup> 7b <sup>5</sup> a <sup>b</sup> Δ/E <sup>b</sup>	F <sup>∅</sup>	G7alt   G7b <sup>5</sup> G <sup>∅</sup>

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale
E <sup>b</sup> 7b <sup>9</sup> G <sup>b</sup> 7b <sup>9</sup> A7b <sup>9</sup> C7b <sup>9</sup>	D <sup>∅</sup> E <sup>∅</sup> G <sup>∅</sup> B <sup>b∅</sup> E <sup>b</sup> 7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale 5th mode
A <sup>b</sup> Δ	b <sup>7</sup>	E <sup>b</sup> 7	F7+9	

In-sen scale	Altered pentatonic scale	Blues scale
a <sup>b</sup> Δ	A7alt   C Phryg	A7alt   A <sup>b</sup> 7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
D <sup>b</sup> Δ	e <sup>b</sup> 7	F sus <sup>b</sup> 9	F Phryg
			G <sup>b</sup> Δ+4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
A <sup>b</sup> 7	A <sup>b</sup> sus	b <sup>b</sup> 7	C <sup>∅</sup>

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
d <sup>b</sup> Δ	E <sup>b</sup> sus <sup>b</sup> 9	E <sup>b</sup> 13(b9)	E <sup>Δ</sup> +5
			G <sup>b</sup> 7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
A <sup>b</sup> 7	G <sup>b</sup> 7 <sup>b</sup> 5	d <sup>b</sup> Δ/A <sup>b</sup>
	B <sup>b</sup> ∅	C7alt
		C7 <sup>b</sup> 5
		C <sup>∅</sup>

### Diminished Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	Whole-tone Scales
A <sup>b</sup> 7 <sup>b</sup> 9	B7 <sup>b</sup> 9	D7 <sup>b</sup> 9
	F7 <sup>b</sup> 9	G <sup>b</sup> °
		A°
		C°
		E <sup>b</sup> °
		A <sup>b</sup> 7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
D <sup>b</sup> Δ	e <sup>b</sup> 7		A <sup>b</sup> 7	B <sup>b</sup> 7+9

In-sen scale	Altered pentatonic scale	Blues scale
d <sup>b</sup> Δ	D7alt	F Phryg
	D7alt	D <sup>b</sup> 7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
F#Δ	g#7	A#sus b9 A#Phryg	BΔ+4
5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
C#7	C#sus	d#7	F∅

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
f#Δ	G#sus b9 G#13(b9)	AΔ +5	B7+11
5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone	
C#7 B7b5 f#Δ/C#	D#∅	F7alt F7b5 F∅	

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
C#7b9 E7b9 G7b9 A#7b9	B° D° F° G#°	C#7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
F#Δ	g#7		C#7	D#7+9
In-sen scale	Altered pentatonic scale	Blues scale		
f#Δ	G7alt A#Phryg	G7alt	F#7+9	

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
B $\Delta$	c $\sharp$ 7	D $\sharp$ sus $\flat$ 9	D $\sharp$ Phryg
			E $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
F $\sharp$ 7	F $\sharp$ sus	g $\sharp$ 7	A $\sharp$ $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
b $\Delta$	C $\sharp$ sus $\flat$ 9	D $\Delta$ +5	E7+11
	C $\sharp$ 13(b9)		

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
F $\sharp$ 7	G $\sharp$ $\emptyset$	A $\sharp$ 7alt
E7 $\flat$ 5		A $\sharp$ 7 $\flat$ 5
b $\Delta$ /F $\sharp$		A $\sharp$ $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale
F $\sharp$ 7 $\flat$ 9	E $\circ$
A7 $\flat$ 9	G $\circ$
C7 $\flat$ 9	A $\sharp$ $\circ$
D $\sharp$ 7 $\flat$ 9	C $\sharp$ $\circ$
	F $\sharp$ 7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
B $\Delta$	c $\sharp$ 7		F $\sharp$ 7	G $\sharp$ 7+9

In-sen scale	Altered pentatonic scale	Blues scale
b $\Delta$	C7alt	B7+9
	D $\sharp$ Phryg	
	C7alt	



### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
E $\Delta$	f#7	G#sus $\flat$ 9	G#Phryg
A $\Delta$ +4			

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
B7	Bsus	c#7	D# $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
e $\Delta$	F#sus $\flat$ 9	F#13( $\flat$ 9)	G $\Delta$ +5
A7+11			

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
B7	A7 $\flat$ 5	e $\Delta$ /B
C# $\emptyset$	D#7alt	D#7 $\flat$ 5
D# $\emptyset$		

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
B7 $\flat$ 9	D7 $\flat$ 9	F7 $\flat$ 9
G#7 $\flat$ 9	A $\circ$	C $\circ$
	D# $\circ$	F# $\circ$
		B7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
E $\Delta$	f#7	B7	C#7+9	

In-sen scale	Altered pentatonic scale	Blues scale
e $\Delta$	F7alt	G#Phryg
	F7alt	E7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
A $\Delta$	b7	C#sus b9	C#Phryg
			D $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
E7	E sus	f#7	G# $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
a $\Delta$	Bsus b9	C $\Delta$ +5	D7+11
	B13(b9)		

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
E7	F# $\emptyset$	G#7alt
D7b5		G#7b5
a $\Delta$ /E		G# $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
E7b9	D $\circ$	E7+5
G7b9	F $\circ$	
Bb7b9	G# $\circ$	
C#7b9	B $\circ$	

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
A $\Delta$	b7		E7	F#7+9

In-sen scale	Altered pentatonic scale	Blues scale
a $\Delta$	A#7alt	A7+9
	C#Phryg	
	A#7alt	

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
D $\Delta$	e7	F#sus $\flat$ 9	F#Phryg
			G $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
A7	A sus	b7	C# $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
d $\Delta$	E sus $\flat$ 9	E 13( $\flat$ 9)	F $\Delta$ +5
			G7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
A7	G $\flat$ 7 $\flat$ 5	d $\Delta$ /A
	B $\emptyset$	C#7alt
		C#7 $\flat$ 5
		C# $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale	
A7 $\flat$ 9	C7 $\flat$ 9	E $\flat$ 7 $\flat$ 9
F#7 $\flat$ 9	G $\circ$	B $\flat$ $\circ$
	C# $\circ$	E $\circ$
		A7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
D $\Delta$	e7		A7	B7+9

In-sen scale	Altered pentatonic scale	Blues scale
d $\Delta$	D#7alt	F#Phryg
	D#7alt	D7+9

### Major Scales

1. Ionian	2. Dorian	3. Phrygian	4. Lydian
G $\Delta$	a7	Bsus $\flat$ 9	BPhryg
			C $\Delta$ +4

5. Mixolydian	5. Mixolydian	6. Aeolian	7. Locrian
D7	Dsus	e7	F# $\emptyset$

### Melodic Minor Scales

Minor-major	2nd mode	Lydian augmented	Lydian dominant
g $\Delta$	Asus $\flat$ 9	A13( $\flat$ 9)	B $\flat$ $\Delta$ +5
			C7+11

5th mode	Half-diminished (or) Locrian +2	Altered (or) diminished whole-tone
D7	C7 $\flat$ 5	g $\Delta$ /D
	E $\emptyset$	F#7alt
		F#7 $\flat$ 5
		F# $\emptyset$

### Diminished Scales

### Whole-tone Scales

Half step/whole step diminished scale	Whole step/half step diminished scale
D7 $\flat$ 9	F7 $\flat$ 9
A $\flat$ 7 $\flat$ 9	B7 $\flat$ 9
	C $\circ$
	E $\flat$ $\circ$
	F# $\circ$
	A $\circ$
	D7+5

### Pentatonic Scales

1st mode	2nd mode	3rd mode	4th mode	Minor pentatonic scale
G $\Delta$	a7		D7	E7+9

In-sen scale	Altered pentatonic scale	Blues scale
g $\Delta$	G#7alt	BPhryg
	G#7alt	
		G7+9