

C Melodic Minor Study

common uses of melodic minor

mi(Maj7)	Melodic minor built on root	Cmi(Maj7) = C melodic minor
mi9(♭5)	Melodic minor built on ♭3	Cmi9(♭5) = E♭ melodic minor
7alt	Melodic minor built on ♭2	C7alt = D♭ melodic minor
7(♯11)	Melodic minor built on 5	C7(♯11) = G melodic minor
Maj7(♯5)	Melodic minor built on 6	CMaj7(♯5) = A melodic minor
7sus(1 3 ♭9)	Melodic minor built on 7	C7sus(1 3 ♭9) = B♭ melodic minor

1

Exercise 1, measures 1-4. Treble clef, 4/4 time. The melody consists of eighth notes. The guitar TAB shows fret numbers for the bass and treble strings.

2

Exercise 2, measures 1-4. Treble clef, 4/4 time. The melody consists of eighth notes. The guitar TAB shows fret numbers for the bass and treble strings.

Exercise 3, measures 1-4. Treble clef, 4/4 time. The melody consists of eighth notes. The guitar TAB shows fret numbers for the bass and treble strings.

Exercise 4, measures 1-4. Treble clef, 4/4 time. The melody consists of eighth notes. The guitar TAB shows fret numbers for the bass and treble strings.

3

Exercise 3: Treble clef, one flat key signature. TAB: 8 6 5 4 5 4 8 7 | 8 10 6 7 5 7 8 5 | 6 10 9 7 8 8 7 10 | 11 8 10 10 8 10 7 8

4

Exercise 4: Treble clef, one flat key signature. TAB: 8 6 10 9 7 10 10 8 | 10 12 8 8 10 12 8 10 | 6 10 9 7 10 10 8 11 | 13 10 12 8 8 10 12 8

5

Exercise 5: Treble clef, one flat key signature. TAB: 3 3 4 4 6 5 5 5 | 6 7 7 8 10 8 9 8 | 10 10 10 12 13 12 12 12 | 9 8 10 11 12 10 10

Exercise 5 (continued): Treble clef, one flat key signature. TAB: 9 8 10 13 12 12 12 | 10 10 12 10 8 9 8 | 6 7 7 8 6 5 5 5 | 3 3 4 4 3 2 1 2

6

11 13 12 8 8 7 5 8 10 7 5 5 7 5 8

7

8 10 12 10 6 9 10 8 7 8 7 9 10 8 7 10 7 8 10 8 8 10 8 7 10 8 10

9 6 8 7 7 10 8 6 9 12 10 8 8 7 8 10 7 10 10

Harmonic Considerations Melodic Minor

Most common uses of Melodic Minor Scale

min9(b5) / Dmin9(b5) = F Melodic Minor
 7(alt.) / G7(alt) = A \flat Melodic Minor
 Maj7(#5) / CMaj7(#5) = A Melodic Minor
 min(Maj7) / Cmin(Maj7) = C Melodic Minor

Harmonies of \mathcal{D} Locrian #2 (F melodic minor)

$\mathcal{D}mi^9(b5)$

$\mathcal{D}mi^7(b5)$ $\mathcal{E}mi^7(b5)$ $\mathcal{F}mi(MA7)$ $\mathcal{G}mi^7$ $\mathcal{A}\flat MA^7(\#5)$ $\mathcal{B}\flat^7$ \mathcal{C}^7 $\mathcal{D}mi^7(b5)$

A musical staff in 4/4 time showing the harmonies for the D Locrian #2 scale (F melodic minor). The notes are: D (quarter), E (quarter), F (quarter), G (quarter), A \flat (quarter), B \flat (quarter), C (quarter), D (quarter). Above the staff, the corresponding chords are listed: Dmi⁹(b5), Dmi⁷(b5), E^{mi}⁷(b5), F^{mi}(MA7), G^{mi}⁷, A \flat MA⁷(#5), B \flat ⁷, C⁷, and Dmi⁷(b5). The first chord, Dmi⁹(b5), is enclosed in a dashed box.

Harmonies of \mathcal{G} altered scale (A \flat melodic minor)

$\mathcal{G}^7\text{alt}$

$\mathcal{G}mi^7(b5)$ $\mathcal{A}\flat mi(MA7)$ $\mathcal{B}\flat mi^7$ $\mathcal{B}MA^7(\#5)$ $\mathcal{C}\#^7$ $\mathcal{D}\#^7$ $\mathcal{F}mi^7(b5)$ $\mathcal{G}mi^7(b5)$

Diminished Whole tone

A musical staff showing the harmonies for the G altered scale (A \flat melodic minor). The notes are: G (quarter), A \flat (quarter), B \flat (quarter), C \flat (quarter), D \flat (quarter), E \flat (quarter), F \flat (quarter), G (quarter). Above the staff, the corresponding chords are listed: G^{mi}⁷(b5), A \flat mi(MA7), B \flat mi⁷, BMA⁷(#5), C $\#$ ⁷, D $\#$ ⁷, F^{mi}⁷(b5), and G^{mi}⁷(b5). A bracket under the first four chords is labeled "Diminished", and a bracket under the last four chords is labeled "Whole tone". The first chord, G⁷alt, is enclosed in a dashed box.

A Melodic Minor

$\mathcal{C}MA^7(+5)$ \mathcal{D}^7 \mathcal{E}^7 $\mathcal{F}\#mi^7(b5)$ $\mathcal{G}\#mi^7(b5)$ $\mathcal{A}mi(MA7)$ $\mathcal{B}mi^7$ $\mathcal{C}MA^7(+5)$

A musical staff showing the harmonies for the A Melodic Minor scale. The notes are: A (quarter), B (quarter), C (quarter), D \sharp (quarter), E \sharp (quarter), F (quarter), G (quarter), A (quarter). Above the staff, the corresponding chords are listed: CMA⁷(+5), D⁷, E⁷, F \sharp mi⁷(b5), G \sharp mi⁷(b5), A^{mi}(MA7), B^{mi}⁷, and CMA⁷(+5). The first chord, CMA⁷(+5), is enclosed in a dashed box.

C7 Altered Scale
7th mode of D \flat melodic minor
No \flat 5 or 9

C 7 alt
D \flat Melodic Minor

(Relative to the chord) Enharmonically F \flat

F# Mel. Min. in 3rds

1 4 3 2 3 5 6 3 4 3 2 5 6 3 3 6 8 7 5 8 5 6 8 5 7 5 3 3 5 5 6 8

5 8 7 6 8 5 5 6 8 7 6 9 6 8 5 5 7 6 9 8 10 11 8 9 10 9 8 12 13 10 11 8

13 13 12 15 16 13 15 15 13 13 17 15 13 15 15 17 10 9 8 12 10 11 8 9 7 6 9 8 6 8 9 10

8 7 6 4 8 5 5 6 5 8 7 6 5 5 6 8 7 5 8 7 5 6 8 5 8 7 5 8 6 8 5 6

4 3 2 5 3 5 6 3 1 4 3 2 3

Melodic Minor Patterns

Up & down in thirds

Gmi9(b5) **C7(#9)** **Fmi(Δ7)**
Bb mel. minor Db mel. minor F mel. minor

Gmi9(b5) **C7(#9)** **Fmi(Δ7)**
Bb mel. minor Db mel. minor F mel. minor

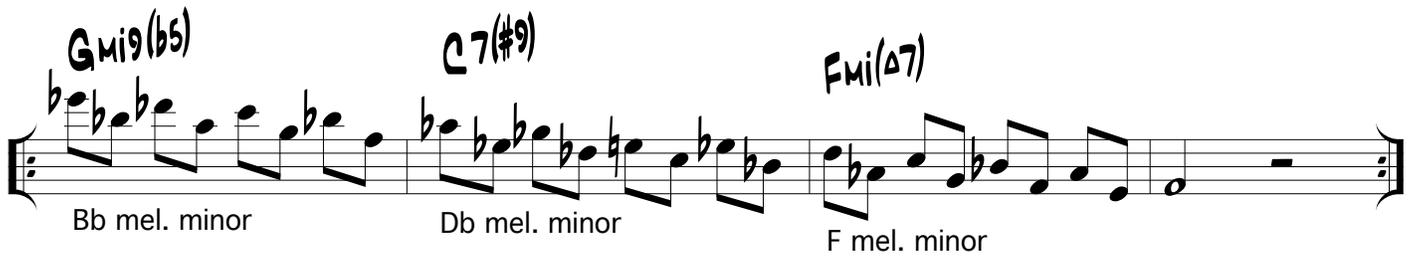
Dmi9(b5) **G7(#9)** **Cmi(Δ7)**
F mel. minor Ab mel. minor C mel. minor

Dmi9(b5) **G7(#9)** **Cmi(Δ7)**
F mel. minor Ab mel. minor C mel. minor

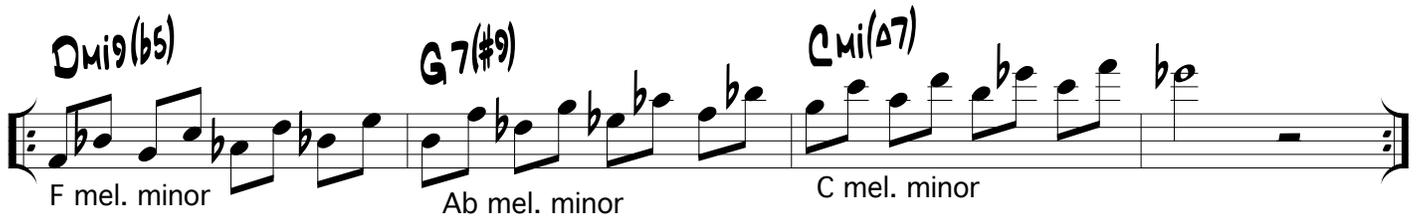
Up & down in fourths



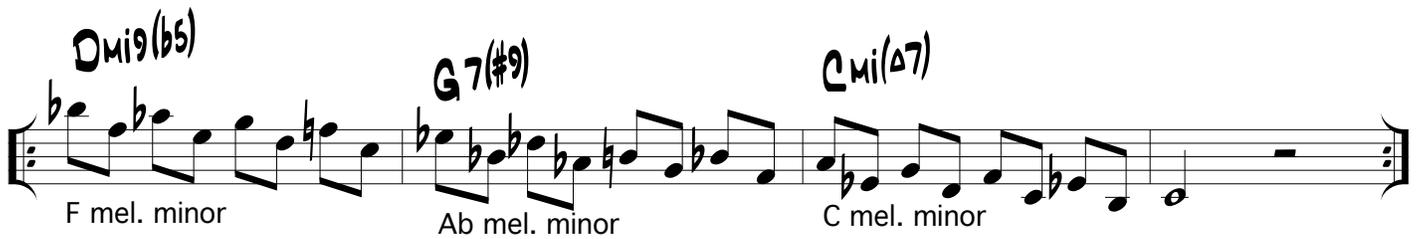
Gmi9(b5) Bb mel. minor **C7(#9)** Db mel. minor **Fmi(Δ7)** F mel. minor



Gmi9(b5) Bb mel. minor **C7(#9)** Db mel. minor **Fmi(Δ7)** F mel. minor



Dmi9(b5) F mel. minor **G7(#9)** Ab mel. minor **Cmi(Δ7)** C mel. minor



Dmi9(b5) F mel. minor **G7(#9)** Ab mel. minor **Cmi(Δ7)** C mel. minor

"Melodic Minor #4"

- saunders

D-7 \flat 5 = F melodic minor G7alt = A \flat melodic minor
Play in 4ths using melodic voice leading

Basic pattern

A musical staff in 4/4 time showing a melodic line in the treble clef. Above the staff are seven fretboard diagrams for guitar, each with a circled starting note and a fret number: 5fr., 6fr., 3fr., 5fr., 6fr., 8fr., and 10fr. The diagrams show fingerings: 1112, 2134, 1132, 1123, 1234, 1234, and 1123.

D-7(\flat 5)

G7(#9)

C-7

A

Musical staff A with four fretboard diagrams above it: 5fr. (1112), 6fr. (2134), 8fr. (1112), and 7fr. (1123). The staff shows a melodic line in 4/4 time.

F mel. minor

A \flat mel. minor

B

Musical staff B with four fretboard diagrams above it: 6fr. (2134), 8fr. (1123), 4fr. (1234), and 7fr. (1123). The staff shows a melodic line in 4/4 time.

C

Musical staff C with four fretboard diagrams above it: 8fr. (1123), 5fr. (1123), 6fr. (1132), and 10fr. (1123). The staff shows a melodic line in 4/4 time.

D

Musical staff D with five fretboard diagrams above it: 5fr. (1123), 6fr. (1234), 8fr. (1123), 9fr. (1234), and 10fr. (1123). The staff shows a melodic line in 4/4 time.

<

Musical staff < with four fretboard diagrams above it: 12fr. (1123), 10fr. (1123), 9fr. (1234), and 8fr. (1123). The staff shows a melodic line in 4/4 time.

The image displays three staves of musical notation for the Melodic minor #4 scale. Each staff includes guitar fretboard diagrams for specific fret positions. The first staff is marked with a > symbol and contains diagrams for 10fr., 8fr., 8fr., 6fr., and 5fr. The second staff is marked with 'fi' and contains diagrams for 8fr., 6fr., 6fr., 4fr., and 3fr. The third staff is marked with 'fi' and contains diagrams for 6fr., 5fr., 8fr., 6fr., and 5fr. The diagrams show fingerings (1-4) for each fret position.

D-7(b5)

G7(#9)

C-7

8fr. 6fr. 6fr. 4fr. 3fr.

13 14 23 14 13 12 13 14 13 14

< F mel. minor Ab mel. minor C dorian

6fr. 5fr. 2fr. 6fr. 3fr.

23 14 13 24 14 13 14 13 24 13

>

"Melodic Minor #6"

- saunders

D-7 \flat 5 = F melodic minor G7alt = A \flat melodic minor

Play in 5ths using melodic voice leading

Basic Pattern



Musical notation for the Basic Pattern, consisting of two staves of music in treble clef, 4/4 time. The first staff starts with a quarter rest followed by eighth notes: C4, B3, A3, G3, F3, E3, D3, C3. The second staff continues with eighth notes: B2, A2, G2, F2, E2, D2, C2, B1.



Musical notation for patterns A through G, each in treble clef, 4/4 time. Pattern A is labeled with D-7(\flat 5) above and F mel. minor below. Pattern B is labeled with G7(#9) above and A \flat mel. minor below. Pattern C is labeled with C-7 above and C dorian below. Patterns D, E, F, and G are not explicitly labeled with chord names or modes.

The image shows a musical score for Melodic Minor #6, Page 2. It consists of three staves of music in treble clef. The first staff is labeled 'fi' and has handwritten chord symbols above it: **D-7(b5)**, **G7(#9)**, and **C-7**. Below the first staff are the mode labels: **F mel. minor**, **Ab mel. minor**, and **C dorian**. The second staff is labeled 'fi' and the third staff is labeled with a double dagger symbol (‡). The music is written in a melodic style with eighth and quarter notes, and rests.

"Melodic Minor #5"

- saunders

D-7 \flat 5 = F melodic minor G7alt = A \flat melodic minor

Play in 4ths using melodic voice leading

Basic Pattern



Musical notation for the Basic Pattern, consisting of two staves of music in treble clef. The first staff starts with a D4 quarter note, followed by a sequence of eighth notes: D4, E4, F4, G4, A4, B4, C5, B4, A4, G4, F4, E4, D4. The second staff continues with eighth notes: D4, C4, B3, A3, G3, F3, E3, D3, C3, B2, A2, G2, F2, E2, D2.



Musical notation for harmonic applications, consisting of seven staves of music in treble clef. The notation is divided into two systems by a horizontal line. The first system includes the following labels: D-7(\flat 5) above the first staff, G7(#9) below the first staff, C-7 below the second staff, and F mel. minor below the third staff. The second system includes the following labels: A \flat mel. minor below the first staff, C dorian below the second staff, and C below the third staff. The notation shows various melodic lines and chord symbols (D, A, B, C) applied to the basic pattern.

D-7(b9) **G7(#9)** **C-7**

fi F mel. minor Ab mel. minor C dorian

fi

fi