

Xm7b5 or X half diminished is 1 b3 b5 (b)7. You can make this chord from Locrian, and it is the only mode you can use for this chord. However, you can also alter b2 to 2 which is then an altered mode. This is also simple minor, but I don't hear it that way.

You can also intuit the both Locrian and altered Locrian, or whatever else you want to call it, by connecting together the notes in the Xm7b5 chord with those that are missing.

## Xm7b5 OR

### X half diminished

### Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

## Xm7b5 OR

### X half diminished

### Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

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## Xm7b5 OR

### X half diminished

### Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

Xm7b5 OR

X half diminished

Locrian

Musical staff showing the Locrian mode scale in G minor. The scale notes are G, A, Bb, C, D, Eb, F, G. The chord symbols are (m)7, b5, b3, 1. The notes are numbered 1 through 8.

Xm7b5 OR

X half diminished

Locrian

Musical staff showing the Locrian mode scale in F minor. The scale notes are F, G, Ab, Bb, C, Db, Eb, F. The chord symbols are (m)7, b5, b3, 1. The notes are numbered 1 through 8.

Xm7b5 OR

X half diminished

Locrian

Musical staff showing the Locrian mode scale in D minor. The scale notes are D, E, F, G, A, Bb, C, D. The chord symbols are (m)7, b5, b3, 1. The notes are numbered 1 through 8.

Xm7b5 OR

X half diminished

Locrian

Musical staff showing the Locrian mode scale in C minor. The scale notes are C, Db, Eb, F, G, Ab, Bb, C. The chord symbols are (m)7, b5, b3, 1. The notes are numbered 1 through 8.

Xm7b5 OR

X half diminished

Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

Xm7b5 OR

X half diminished

Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

Xm7b5 OR

X half diminished

Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8

Xm7b5 OR

X half diminished



Locrian

(m)7  
b5  
b3  
1

1    b2    b3    4    b5    b6    (b)7    8