



## Major Scales in Alternating Thirds

All slurred in these ranges:

- scales B $\flat$  through D in 3 octaves;
- scales E $\flat$  through A in 2 octaves.

Pattern to extend one note above tonic on top and one note below to finish scale.



## Arpeggios of the 7th

All slurred in the following ranges:

- scales B $\flat$  through E $\flat$  in 3 octaves;
- scales E through A in 2 octaves.

Five arpeggios as follows: M.M., M.m., m.m., dim.m., full dim.

Five musical staves in bass clef, 2/4 time signature, showing arpeggios of the 7th scale. The staves are labeled with dynamics: M.M., M.m., m.m., dim.m., and full dim. Each arpeggio is slurred and ends with a tonic note.

## Arpeggios in sequence

As follows without pause: i, I, vi<sup>6</sup><sub>3</sub>, IV<sup>6</sup><sub>4</sub>, iv<sup>6</sup><sub>4</sub>, dim.7, M.m.7; then, modulating to the key fourth higher and repeat sequence.

All major and minor arpeggios in triplets, 7th arpeggios in sixteenths.

The musical notation shows a sequence of arpeggios in the bass clef, C major, 4/4 time. The sequence is as follows:

- Line 1: i (triplet), I (triplet)
- Line 2: vi<sup>6</sup><sub>3</sub> (triplet), IV<sup>6</sup><sub>4</sub> (triplet)
- Line 3: iv<sup>6</sup><sub>4</sub> (triplet), dim.7th (triplet)
- Line 4: M.m.7 (triplet)

The 7th arpeggio (M.m.7) is written in sixteenth notes. The key signature has one flat (Bb).

## Tonguing Patterns for Major Scales and Arpeggios

Scales B<sub>b</sub> through D in 3 octaves.

Scales E<sub>b</sub> through A in 2 octaves, extending one note above.

The diagram shows three tonguing patterns labeled A, B, and C. Each pattern consists of two groups of three eighth notes. Pattern A: first group up-bow, second group down-bow. Pattern B: first group down-bow, second group up-bow. Pattern C: first group down-bow, second group up-bow. Each group is marked with a '3' above it.

# Modal Scales

All 3 octaves. Begin on B $\flat$  and add one flat (E $\flat$ , A $\flat$ , D $\flat$ , G $\flat$ , C $\flat$ , F $\flat$ ) each time scale is played. Then begin on B $\natural$  and add one sharp (F $\sharp$ , C $\sharp$ , G $\sharp$ , D $\sharp$ , A $\sharp$ , E $\sharp$ ).

The image displays seven staves of musical notation, each representing a modal scale. Each staff begins with a bass clef and a key signature of one flat. The scales are written in a single line on each staff, with a slur encompassing the entire scale. Triplet markings (the number '3') are placed above and below the notes to indicate rhythmic groupings. The scales progress from B $\flat$  down to B $\natural$  across the seven staves, with each staff adding one more flat to the key signature. The notes are written in a sequence that includes both ascending and descending directions, with the final note of each scale being a whole note.