

# Scales and Arpeggios

| Diatonic Scales<br>4th finger |        |        |                   |
|-------------------------------|--------|--------|-------------------|
|                               |        | Major  | Harmonic<br>Minor |
| <b>C – E</b>                  | R<br>L | 7<br>2 | Same              |
| <b>B</b>                      | R<br>L | 7<br>5 | Same              |
| <b>F#</b>                     | R<br>L | 3<br>1 | 2<br>1            |
| <b>D<sub>b</sub>/C#</b>       | R<br>L | 6<br>4 | 2<br>4            |
| <b>A<sub>b</sub>/G#</b>       | R<br>L | 2<br>4 | Same              |
| <b>E<sub>b</sub>/D#</b>       | R<br>L | 5<br>4 | 5<br>3            |
| <b>B<sub>b</sub></b>          | R<br>L | 1<br>4 | 1<br>6            |
| <b>F</b>                      | R<br>L | 4<br>2 | Same              |

## Chords

*Basic Chord Set* – I i °7 I<sup>7</sup>

*Expanded Chord Set* – I i <sup>b</sup>VI<sup>6</sup> + vi<sup>6</sup> IV<sub>4</sub><sup>6</sup> iv<sub>4</sub><sup>6</sup> °7 I<sup>7</sup> <sup>b</sup>VI<sub>5</sub><sup>6</sup> IV<sub>3</sub><sup>4</sup> II<sub>2</sub><sup>4</sup>

**Chromatic Scale** from D, 2 octaves up and down. Universal fingerings.

|     |    |   |
|-----|----|---|
| I   | RH | 13 123 1313 123 13 123 1313 123 1 321 3131 321 31 321 3131 321 31         |
|     | LH | 1 321 3131 321 31 321 3131 321 313 123 1313 123 13 123 1313 123 1         |
| II  | RH | 13 123 1234 123 13 123 1234 123 1 321 4321 321 31 321 4321 321 31         |
|     | LH | 1 321 4321 321 31 321 4321 321 313 123 1234 123 13 123 1234 123 1         |
| III | RH | (123) 45 123 1234 12345 123 1234 1234321 4321 321 54321 4321 321 54 (321) |
|     | LH | (5) 4321 4321 321 54321 4321 321 545 123 1234 12345 123 1234 1234 (5)     |

**Perlemuter Scales** – C fingering for all diatonic scales and scales in thirds.

## Patterns

- Scales – Diatonic scales and scales in thirds and sixths through 4 octaves in parallel and contrary motion. For scales in octaves, see separate section.
- Chords – Through 3 octaves. Play broken chords, Russian broken chords, and block chords.
- Arpeggios – Through 4 octaves in parallel and contrary motion.

**Arpeggio Fingerings** – 1<sup>st</sup> finger on first note for all arpeggios starting with a white key or with all black keys. 1<sup>st</sup> finger on first white note for all others.

| Scales in Thirds |   | Major      |                                  | Harmonic Minor |                                  |
|------------------|---|------------|----------------------------------|----------------|----------------------------------|
| C – B            | R | Start with | $\frac{3}{1}$ $\frac{2}{1}$ at 4 | Same           |                                  |
|                  | L | Start with | $\frac{3}{5}$ $\frac{1}{2}$ at 7 |                |                                  |
| F#/Gb            | R | Start with | $\frac{3}{1}$ $\frac{2}{1}$ at 7 | Start with     | $\frac{4}{2}$ $\frac{2}{1}$ at 6 |
|                  | L | Start with | $\frac{2}{4}$ $\frac{1}{2}$ at 3 | Start with     | $\frac{1}{3}$ $\frac{1}{2}$ at 2 |
| Db/C#            | R | Start with | $\frac{4}{2}$ $\frac{2}{1}$ at 3 | Start with     | $\frac{4}{2}$ $\frac{2}{1}$ at 6 |
|                  | L | Start with | $\frac{2}{4}$ $\frac{1}{2}$ at 6 | Start with     | $\frac{1}{3}$ $\frac{1}{2}$ at 2 |
| Ab/G#            | R | Start with | $\frac{4}{2}$ $\frac{2}{1}$ at 6 | Same           |                                  |
|                  | L | Start with | $\frac{1}{3}$ $\frac{1}{2}$ at 2 |                |                                  |
| Eb/D#            | R | Start with | $\frac{5}{3}$ $\frac{2}{1}$ at 2 | Same           |                                  |
|                  | L | Start with | $\frac{1}{3}$ $\frac{1}{2}$ at 5 |                |                                  |
| Bb               | R | Start with | $\frac{5}{3}$ $\frac{2}{1}$ at 2 | Start with     | $\frac{5}{3}$ $\frac{2}{1}$ at 5 |
|                  | L | Start with | $\frac{1}{3}$ $\frac{1}{2}$ at 5 | Start with     | $\frac{1}{2}$ $\frac{1}{2}$ at 1 |
| F                | R | Start with | $\frac{2}{1}$ $\frac{2}{1}$ at 1 | Same           |                                  |
|                  | L | Start with | $\frac{3}{5}$ $\frac{1}{2}$ at 4 |                |                                  |

| Scales in Sixths<br>universal fingering |   |
|---|---|
| R                                       | Start with $\frac{5}{2}$ $\frac{3}{1}$ at 6 |
| L                                       | Start with $\frac{2}{5}$ $\frac{1}{3}$ at 5 |

### Octaves and Broken Octaves

- Default fingering – 5 on white keys, 4 on black keys. Use 5 on black keys as convenient.
- Patterns – diatonic and chromatic scales, broken thirds, broken chords, Russian broken chords, arpeggios. Play through 2 or 3 octaves.

### Chromatic Minor Thirds from A#/C#, 2 octaves up and down. Universal fingering.

R      $\frac{3}{2}$  4 3 4   5 3 4 3   4 3 4 5    $\frac{3}{2}$  4 3 4   5 3 4 3   4 3 4 5    $\frac{3}{2}$  5 4 3   4 3 4 3   5 4 3 4    $\frac{3}{2}$  5 4 3   4 3 4 3   5 4 3 4    $\frac{3}{2}$

L      $\frac{2}{3}$  1 2 2   1 2 1 2   1 2 2 1    $\frac{2}{3}$  1 2 2   1 2 1 2   1 2 2 1    $\frac{2}{3}$  2 1 2   1 2 1 2   2 1 2 1    $\frac{2}{3}$  2 1 2   1 2 1 2   2 1 2 1    $\frac{2}{3}$

### Chromatic Minor Sixths from E/C, 2 octaves up and down. Universal fingering.

R      $\frac{5}{1}$  4 5 4   5 5 4 5   4 5 4 5    $\frac{5}{1}$  4 5 4   5 5 4 5   4 5 4 5    $\frac{5}{1}$  5 4 5   4 5 4 5   5 4 5 4    $\frac{5}{1}$  5 4 5   4 5 4 5   5 4 5 4    $\frac{5}{1}$

L      $\frac{1}{5}$  2 1 2   1 1 2 1   2 1 2 1    $\frac{1}{5}$  2 1 2   1 1 2 1   2 1 2 1    $\frac{1}{5}$  1 2 1   2 1 2 1   1 2 1 2    $\frac{1}{5}$  1 2 1   2 1 2 1   1 2 1 2    $\frac{1}{5}$