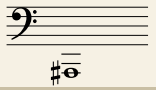
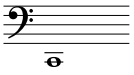
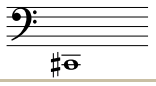
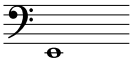
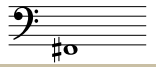
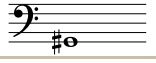
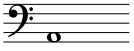
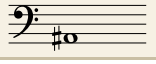
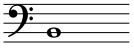
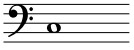
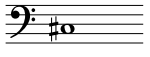
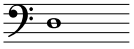
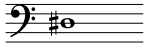
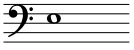
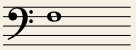
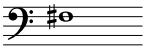
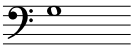
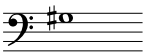
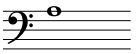
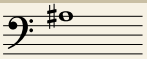
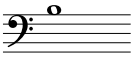
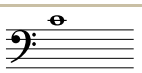
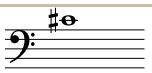
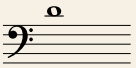
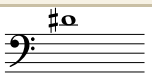
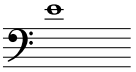
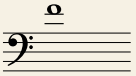
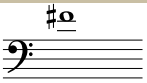
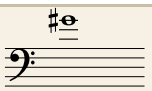
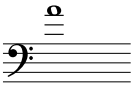
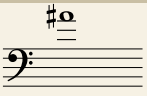
MUSIC THEORY

Fingerings for the euphonium reference

The 37 notes of the usual range with their fingering. ● is a pressed valve and ○ a released one, in the order they lie under your fingers.

Note	Staff bass clef	Valves 1 2 3 4
A♯₁ / B♭₁		○○○○
B₁		●●●●
C₂		●○●●
C♯₂ / D♭₂		○●●●
D₂		●●○●
D♯₂ / E♭₂		●○○●
E₂		○●○●
F₂		○○○●
F♯₂ / G♭₂		○●●○
G₂		●●○○
G♯₂ / A♭₂		●○○○
A₂		○●○○
A♯₂ / B♭₂		○○○○
B₂		○●○●
C₃		○○○●
C♯₃ / D♭₃		○●●○
D₃		●●○○
D♯₃ / E♭₃		●○○○
E₃		○●○○

Note	Staff bass clef	Valves 1 2 3 4
F₃		○○○○
F♯₃ / G♭₃		○●●○
G₃		●●○○
G♯₃ / A♭₃		●○○○
A₃		○●○○
A♯₃ / B♭₃		○○○○
B₃		●●○○
C₄		●○○○
C♯₄ / D♭₄		○●○○
D₄		○○○○
D♯₄ / E♭₄		●○○○
E₄		○●○○
F₄		○○○○
F♯₄ / G♭₄		●○○○
G₄		○●○○
G♯₄ / A♭₄		○○○○
A₄		○●○○
A♯₄ / B♭₄		○○○○

"Open" means no valve pressed: the note comes from the lips alone, by adjusting the harmonic. These are the highlighted rows.

F♯ and G♭ are the same note, only the way it is written changes with the key. That is why the altered notes carry both names. The subscripts are the octave.