

Overtone Series Chart for Tenor and Bass Trombones

Micah Everett
University of Mississippi
olemiss.edu/lowbrass

This chart provides the available notes and positions for tenor trombones with or without F-attachment, as well as bass trombones with two valves in the usual B \flat -F-G \flat -D configuration. Tenor trombonists can ignore the positions using the second valve (marked Δ or Γ), as well as the F-attachment positions (marked V) if playing a straight instrument. Bass trombonists with dependent second valves will need to ignore those positions using the second valve independently (marked Γ).

12th Partial (Sharp--Lower Slightly)

11th Partial (Very Flat--Raise Much First Position Unusable)

10th Partial (Flat--Raise Slightly)

9th Partial (Sharp--Lower Slightly)

8th Partial (Normal)

7th Partial (Very Flat--Raise Much First Position Unusable)

6th Partial (Sharp--Lower Slightly)

5th Partial (Flat--Raise Slightly)

4th Partial (Normal)

3rd Partial (Sharp--Lower Slightly)

2nd Partial (Normal)

Fundamental (Normal)

1 2 3 4 5 Γ 1 6 Γ 2 7 Γ 3 8 Γ 4 9 Δ 1 10 Δ 2 11 Δ 3 12 Δ 4 13 Δ 5

Fingering Guide:
 Number Only -- Open. No valves engaged.
 V(number) -- Position with first valve (F-attachment) engaged.
 Γ (number) -- Position with second valve (G \flat -attachment) engaged.
 Δ (number) -- Position with both valves engaged (fundamental pitch is D1).