# Approximate Frequency Ranges

Fundamental Frequencies ▮    Harmonics ▯

| | 30 Hz | 50 Hz | 90 Hz | 160 Hz | 300 Hz | 500 Hz | 900 Hz | 1.6 kHz | 3 kHz | 5 kHz | 9 kHz | 16 kHz |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Piano**
**Pipe Organ**
**Bass Viola** — STRINGS
**Violin** — STRINGS
**Cello** — STRINGS
**Contra Bassoon** — WOODWINDS
**Bassoon** — WOODWINDS
**Clarinet** — WOODWINDS
**Oboe** — WOODWINDS
**Flute** — WOODWINDS
**Piccolo** — WOODWINDS
**Bass Tuba** — BRASS
**French Horn** — BRASS
**Trombone** — BRASS
**Trumpet** — BRASS
**Tympani** — PERCUSSION
**Snare Drum** — PERCUSSION
**Cymbals** — PERCUSSION
**Male Voice** — VOICE
**Female Voice** — VOICE

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|---|---|---|---|---|---|---|---|---|---|---|---|---|