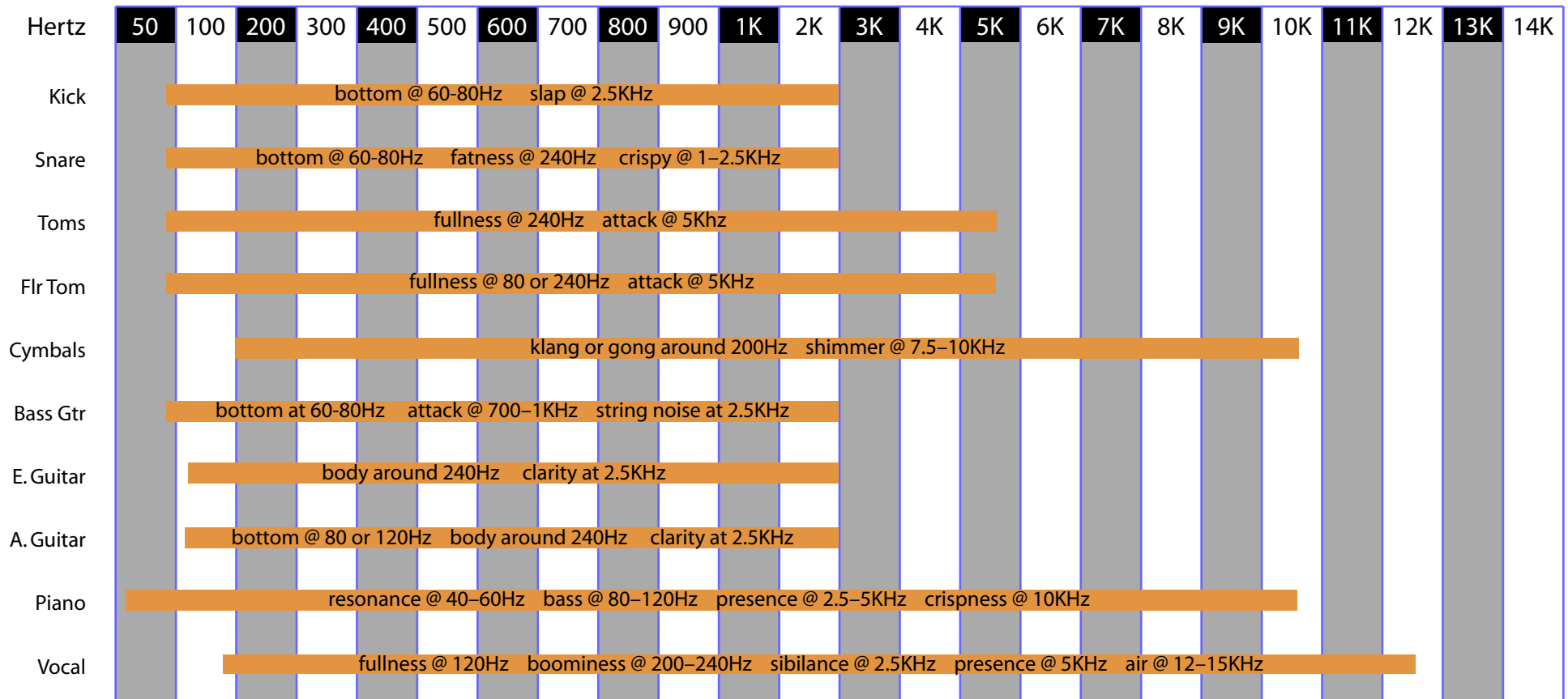


Audio Frequency Reference Chart



Frequency Range	When used produces:	Too much produces:
16Hz-60Hz	Sense of power, felt more than heard	makes music muddy
60Hz-250Hz	Fundamentals of rythm section, EQing can change musical balance making it fat or thin	makes music boomy
250Hz-2KHz	Low order harmonics of most musical instruments	telephone quality to music, 500-1KHz horn-like, 1K -2KHz tinny, listening fatigue
2KHz-4KHz	Speech recognition	3KHz listening fatigue, lisping quality, "M,V,B" blur
4KHz-6KHz	Clarity and definition of voices and instruments, makes music seem closer to listener, adding 6db at 5KHz makes entire mix seem 3db louder	sibilance on vocals
6KHz-16KHz	Brilliance and clarity of sounds	sibilance, harshness on vocals