

Set Crossover Frequencies (Cheat Sheet)

Starting points you can fine-tune by ear.

Speakers (HPF)

- Coaxials in doors: 80–100 Hz
- Components with strong midbass: 60–80 Hz
- 3.5"/4" dash speakers: 120–150 Hz

Subwoofer (LPF)

- Match your HPF: usually 70–90 Hz
- Use 24 dB/oct for tight handoff; 12 dB/oct for more overlap

Subsonic Filter

- Sealed: 20 Hz or OFF
- Ported: 3–5 Hz below box tuning (e.g., 30–35 Hz)

Tips

- If door rattles → raise HPF
- If bass boomy → lower LPF
- If midbass thin → lower HPF slightly