Optimal stereo

Two channels separated by microseconds

Human hearing evolved to locate twig-snaps in the dark. Our spatial precision, second only to barn owls', is roughly one degree horizontally. Which means our two ears can notice sounds just three microseconds apart. Thus, sonically accurate stereo depends on preserving microseconds all the way from origin to ear ("microtime preservation").

Requirements for microtime preservation.

Source:

- Viny LP printed from original lacquer master (no digital remastering) live microphones
- **NO** digitization: CDs, MP3's, streaming, online

Transmission:

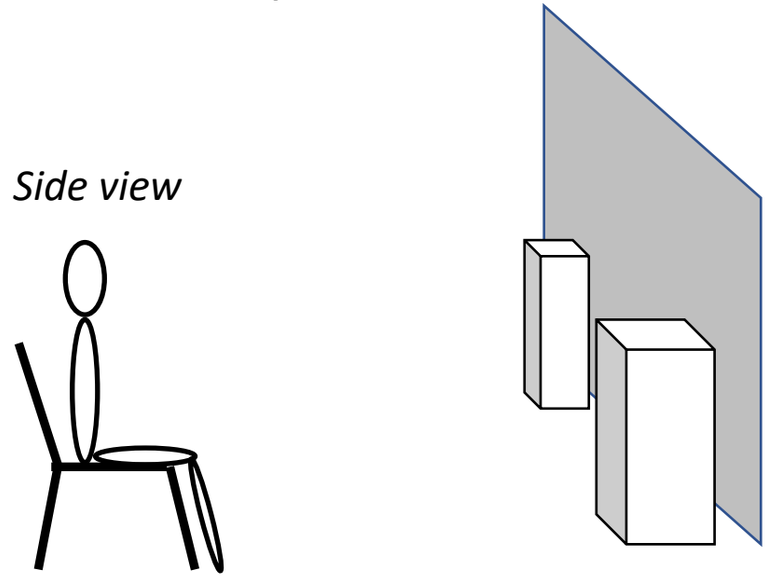
- Copper-wire POTS-style phone OR
- Analog FM radio broadcast live
- **NO** digitization: WiFi, Bluetooth, mobile, net

Reproduction:

- Native linear/analog preamps and amps (tube or transistor)
- Physical wires to speakers
- Two high-quality speakers close to a wall, twenty degrees apart aimed straight at the listener

Place speakers to make the listener's "view" simple

Side view



Top view