

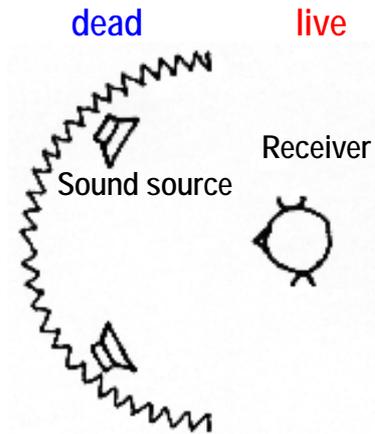


# "Live End - Dead End" Thoughts and the Reflexion Filter

German version - "Live End - Dead End"-Gedanken: <http://www.sengpielaudio.com/LiveEndDeadEndUndDasReflexionFilter.pdf>

UdK Berlin  
Sengpiel  
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Tutorium

1.

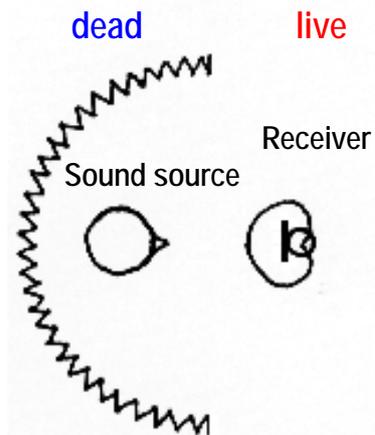


No theory, that is experience!

## Replay

Control room after [LEDE](#) concept  
Early reflections in the room coming from the speakers are damped as wanted.

2.

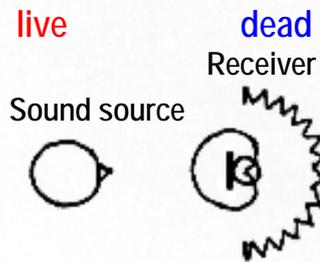


## Recording

Studio room (Quasi LEDE concept)  
Thoughts: Early reflections should be suppressed during the recording to get a clear and more precise sound.

3.

## Wrong world with the Reflexion Filter?



Filter for recordings without disturbing room influence?

Now the receiver should be "dead"?

Recording with Reflexion Filter in the studio recording room.

Is the room influence decreased?

The "filter" softens a little more the reverse sound incidence of the cardioid microphone. The mechanical "filter" itself generates hollow sounding comb filter reflections received by the microphone. The generated early reflections of the sound source in the studio room are not dampened by this.

The advertising promises that the "filter" can save to build a vocal booth. That would be a miracle.

SE Reflexion Filter



Advertising words for the Reflexion Filter: <http://www.dv247.com/microphones/se-electronics-reflexion-filter-portable-vocal-booth--31474>  
<http://www.musicfarm.org/input/test/t6-sFilter.html> – You cannot believe this ads.

See also: "Kaotica Eyeball - A faulty development with distortions and booming resonance": <http://www.sengpielaudio.com/KaoticaEyeballEnglish.pdf>