SIM*ForAll*

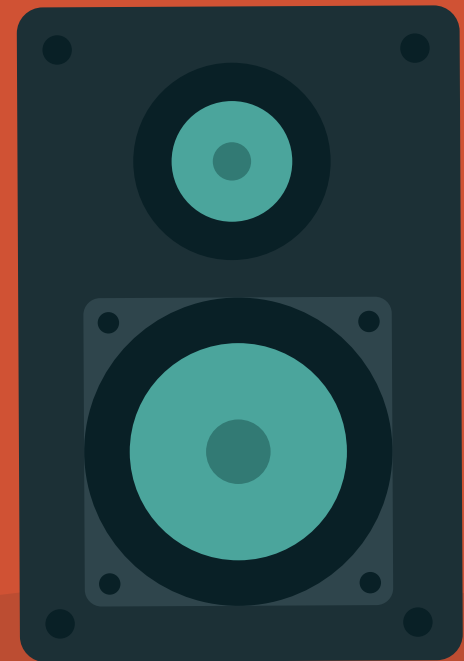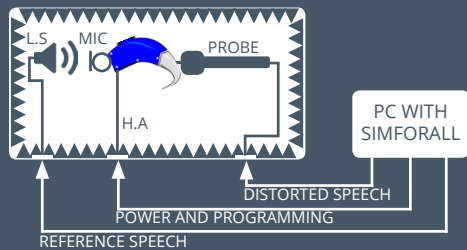## NO ONE LEFT BEHIND

Know your customer audio experience with the new generation of intelligibility assessment algorithm

The SIMforall algorithm provides a Speech Intelligibility Measure for a variety of hearing abilities. It provides a for all score of perceived intelligibility for a specified population or for a specific sensorial hearing loss.
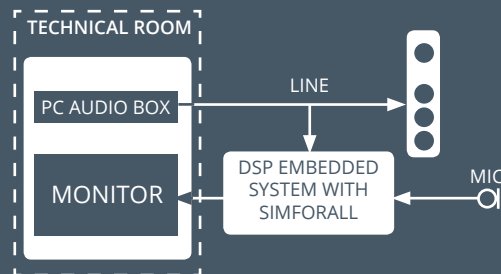
Hearing Aid
Assessement

L.S
MIC
PROBE
H.A
PC WITH SIMFORALL
DISTORTED SPEECH
POWER AND PROGRAMMING
REFERENCE SPEECH

PA System
Monitoring

TECHNICAL ROOM

PC AUDIO BOX
LINE
MONITOR
DSP EMBEDDED SYSTEM WITH SIMFORALL
MIC

SIM*ForAll*
Mobile solutions

SONOMETER and similar devices integration

Specifications

Speech Intelligibility Measure "for all" (based on ISO 60268-16)

- Inputs: reference speech, distorted speech and audiogram or age
- Can use live broadcasted vocal announce to measure intelligibility
- Provide an intelligibility score that is audiogram dependent
- Can be used as an assessment criteria for public address system or hearing aids
- Decrease the testing cost of speech processing algorithms assessment.

Speech intelligbility

0% to 100% comprehension score:
- Real time
- Time average
- In multiple rooms

EXTRA MEASURES

- Noise level
- Noise spectrum
- Reverberation