For better intelligibility and localization of audio signals

The AGCForAll system includes:
- A frequency pre-compensation for age related hearing loss according to the personal user profile or a “for all” profile based on the ISO 7029 standard
- A gain limiter module for presbycusicsauditory recruitment phenomenon
- dedicated AGC module based on adaptive ambient noise estimation robust to sound events

Public address systems
Automatic adjustment of the public address systems sound level with regards to the variation of ambient noise and reverberation amounts.

Car Auditory display
Adaptation of auditory display according to the driver auditory profile and urban ambient noise masking threshold

System overview