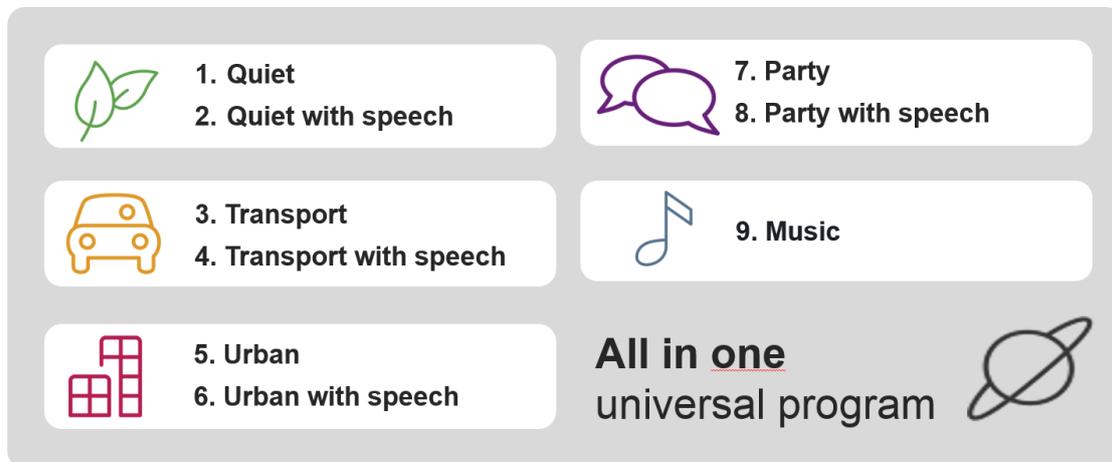


WIDEX SOUND CLASS TECHNOLOGY

- Widex Sound Class Technology ensures that the hearing aid always utilizes its features optimally to follow the user intentions in each environment.
- A classifier categorizes the environment into 9 distinct classes: Quiet, Speech in Quiet, Transport, Speech in Transport, Party, Speech in Party, Urban, Speech in Urban and Music
- A controller adjusts the functionality of the hearing aid features to fine tune them to each environment class.
- Adjust each environment to the hearing aid users intention using the Preference Control for more audibility or more comfort



GOAL



Hearing aid features always fine-tuned to specific environments



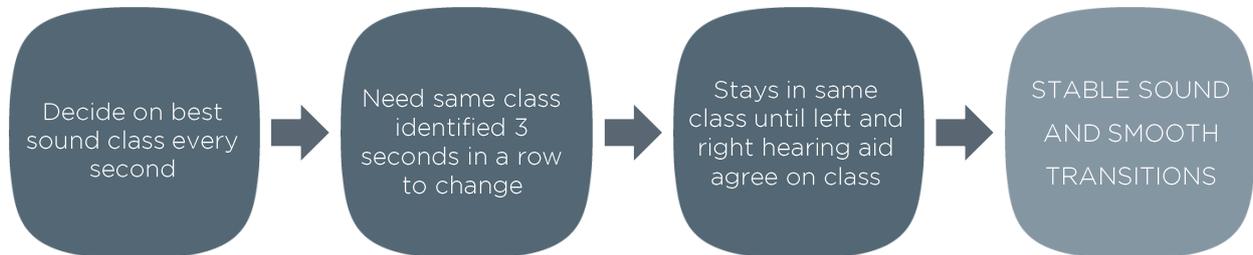
More comfort in noisy environments



Utilize the full potential of advanced hearing aid features without manual control

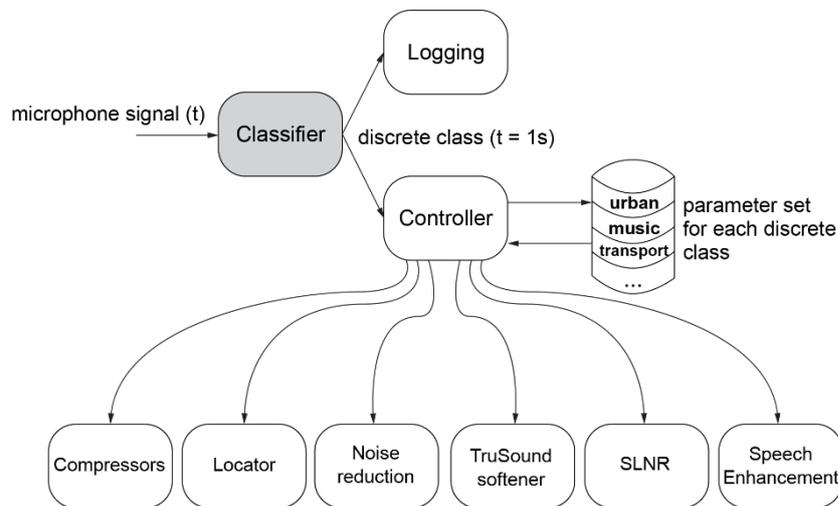
SOUND CLASS CLASSIFIER

- Running statistical analysis of the environment
- In binaural fittings InterEar coordination ensures consistent sound delivery
- 9 sound classes - because intensive analysis of hearing aid users real life environments show that they can be split meaningfully into 9 distinct groups



SOUND CLASS CONTROLLER

- The Controller will optimize general feature functionality for best listening circumstances in each listening environment
- As there can be large variations even within an environment, the features will further optimize their effect to provide the best benefit in each environment



PREFERENCE CONTROL

- The Preference Control replaces the volume control on the hearing aid
- The Preference Control adjusts loudness as well as feature functionality to change the balance between audibility and comfort
- The Preference Control can be used in two ways – one having 3 steps and one having 9 steps
- 3 step Preference Control: The user can adjust 1 step up to get more audibility or 1 step down to get more comfort.
- The 3 step Preference Control has a large effect on the features that balance audibility and comfort and less on the actual loudness
- 9 step Preference Control: The user can adjust 4 steps up towards more audibility and 4 steps down towards more comfort. The 9 step Preference Control works more like a normal volume control having more effect on loudness.