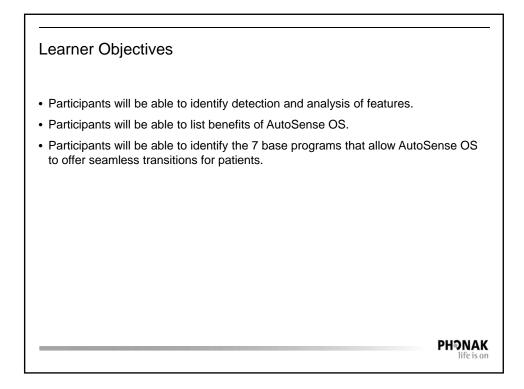
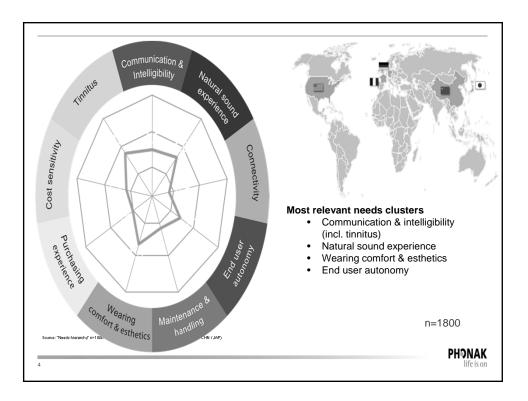
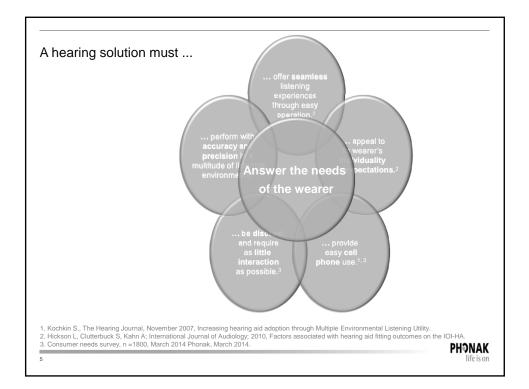
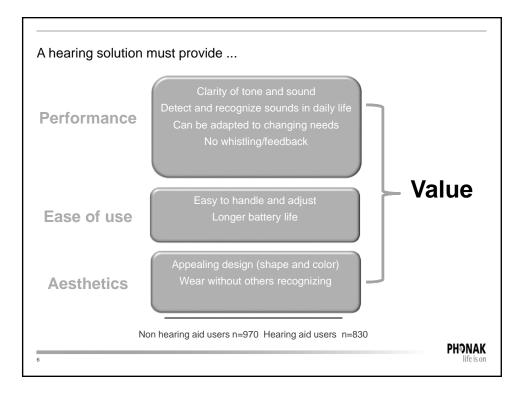


Disclosure: ASHA CEU Requirements	
Stephanie Watson, AuD	
 Stephanie Watson is an Audiologist and Clinical Customer Trainer with Phonak. She each her Doctor of Audiology degree from A.T. Still University in 2009. Prior to having Stepha join the Phonak team, her previous work experience includes diagnostic audiometric evaluation, hearing instrument dispensing to both pediatric and adult populations, vestil testing and rehabilitation and supervising audiologists for newborn hearing screening program in northern Arizona. 	anie
 Financial-Phonak employee who receives a salary for employment for teaching/speakir 	ng
 Nonfinancial-No relevant nonfinancial relationships exists 	
2	PHONAK life is on





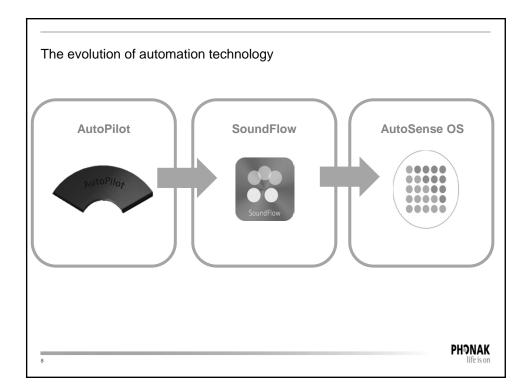


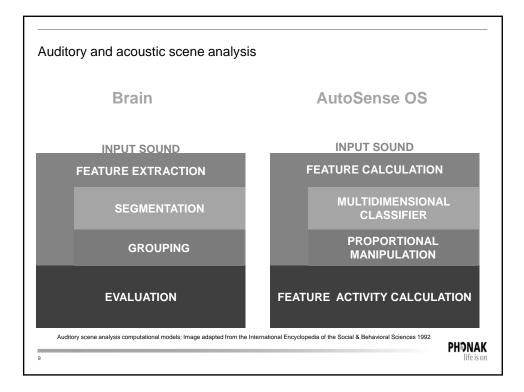


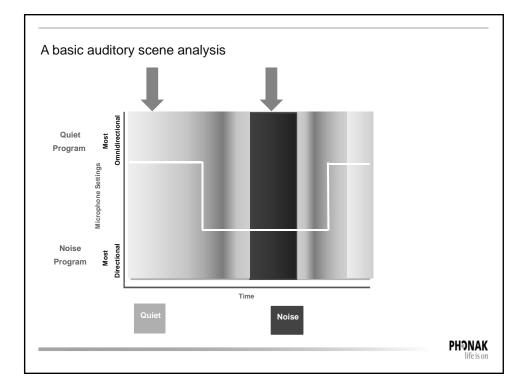
The Hardware: Venture chip

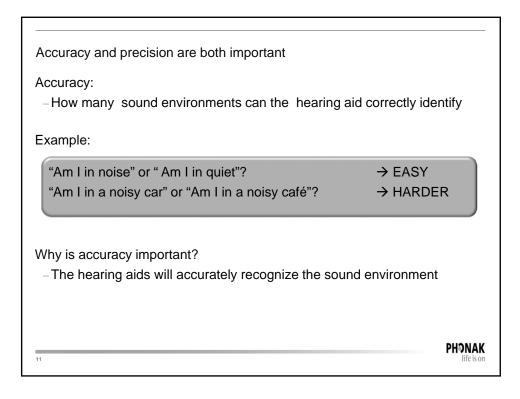
- Reduction in power consumption when streaming (up to 30%)
- New analog to digital processor
- More non volatile memory

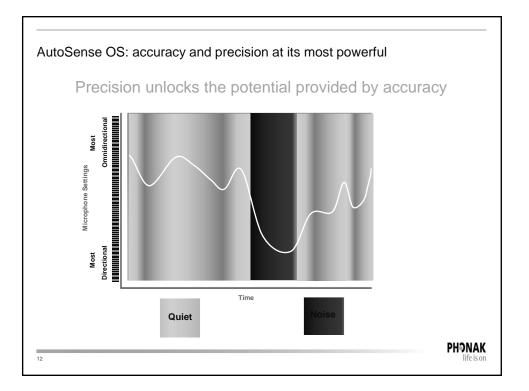
	Palio	Core	Spice+/Quest	Venture
	Savia/Art	Exelia	Ambra/Bolero	Audeo V
Transistors	7.5 million	8 million	16 million	45 million
Million operations per second	100	120	200	552
Structure	130nm	90nm	65nm	65nm

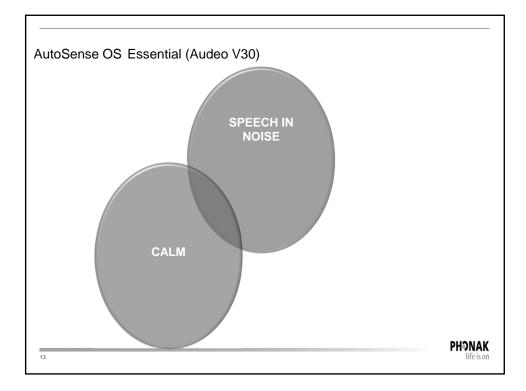


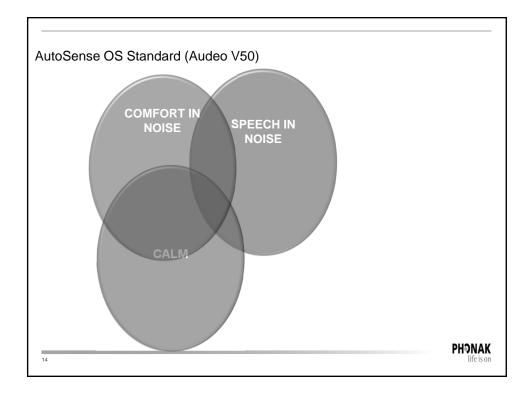


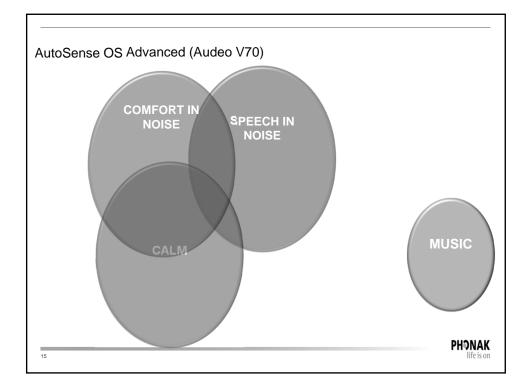


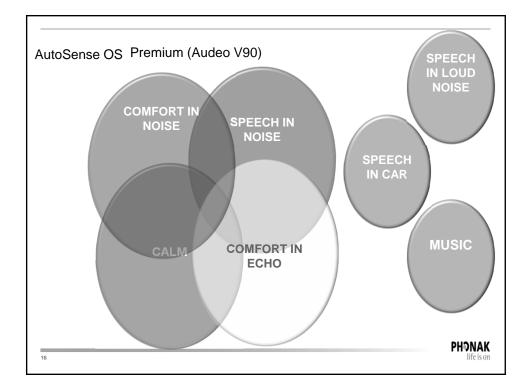


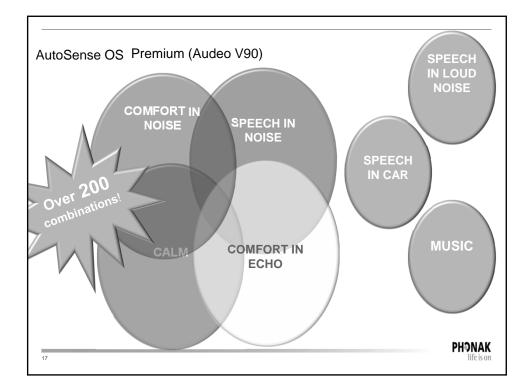


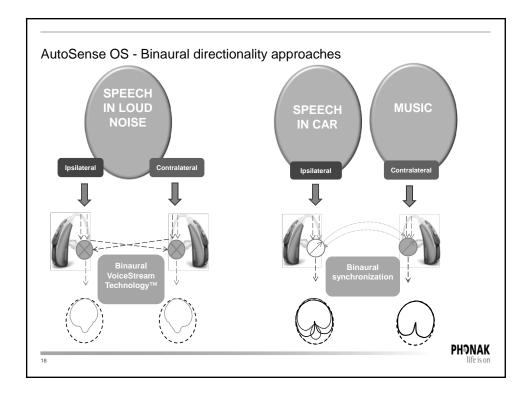






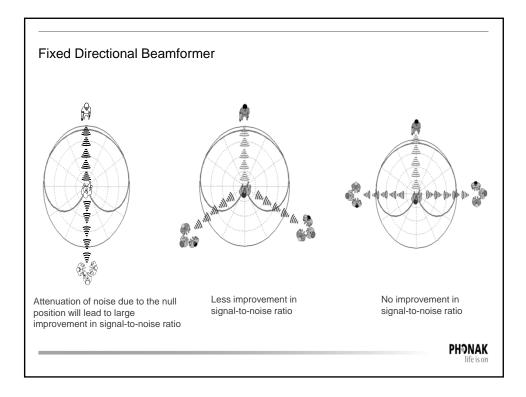


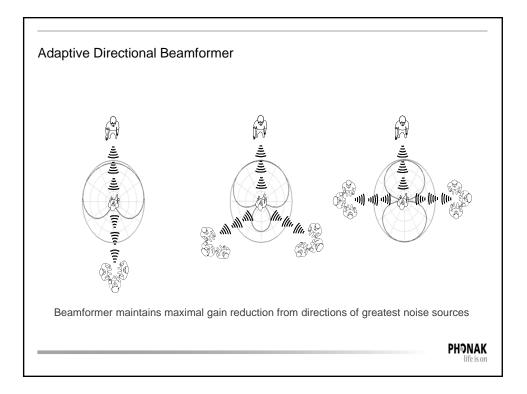


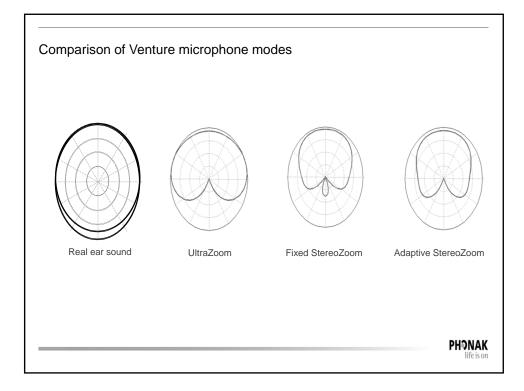


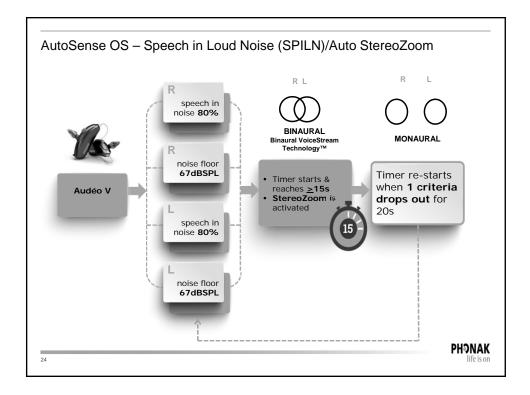
	to match listening environments and people's needs
AutoSense OS Programs	Description
Calm	Optimal gain setting for speech understanding and listening comfort
Speech in Noise	Adapts and reduces noise from behind in real time
Speech in Loud Noise	Zooms in on single voice in diffuse noise environment
Speech in Car	Reduces broadband noise in car to create stable listening environment
Comfort in Noise	Actively reduces noise in environment for increased comfort in absence of speech
Comfort in Echo	Recognizes reverberation and applies gain reduction
Music	Expanded dynamic range and slow compression for fuller and richer experience

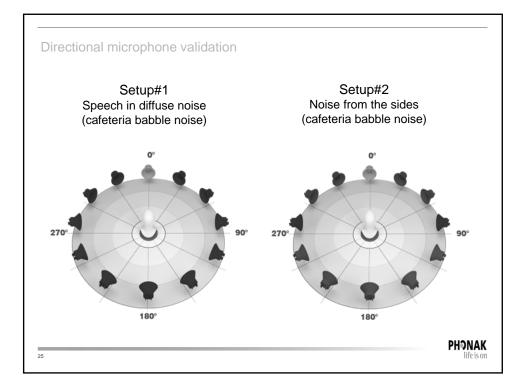


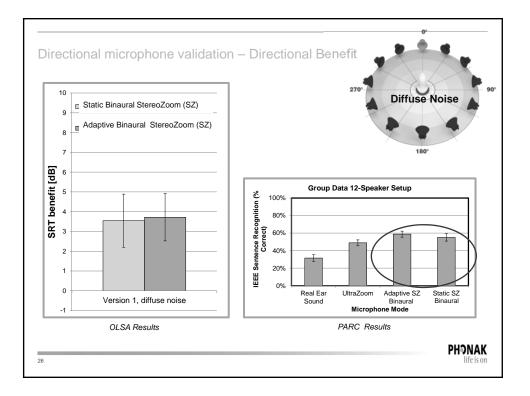


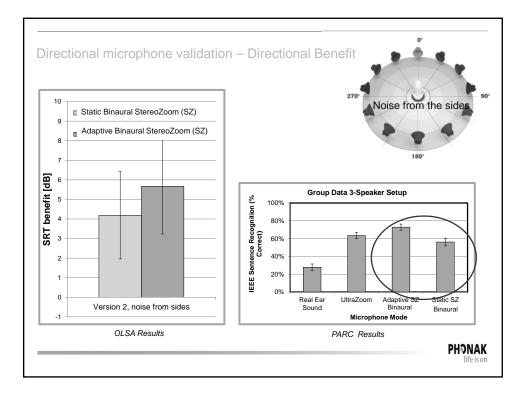


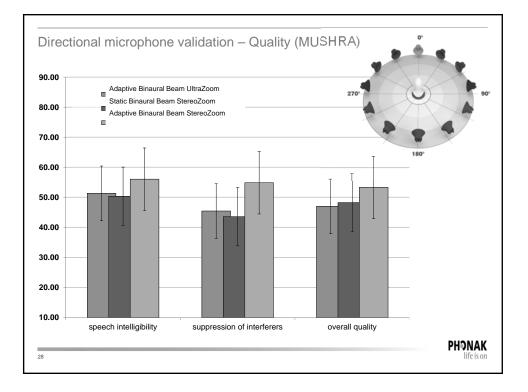


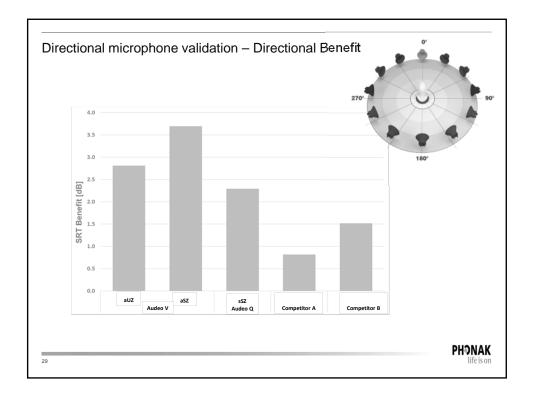


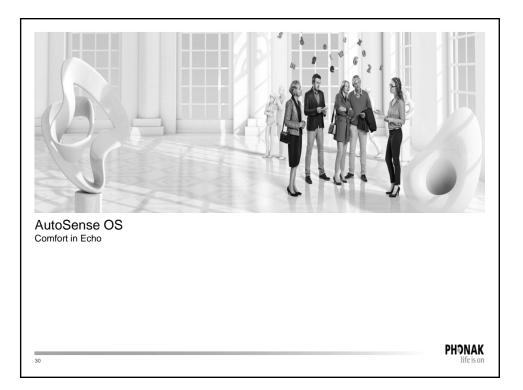




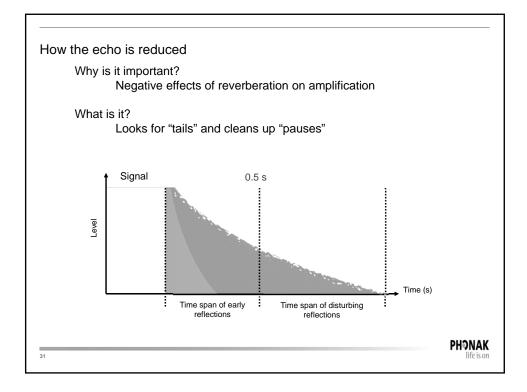


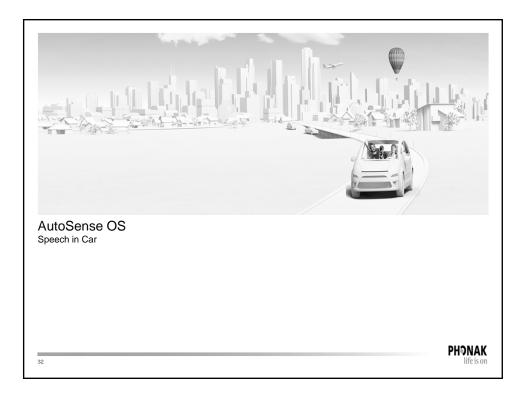


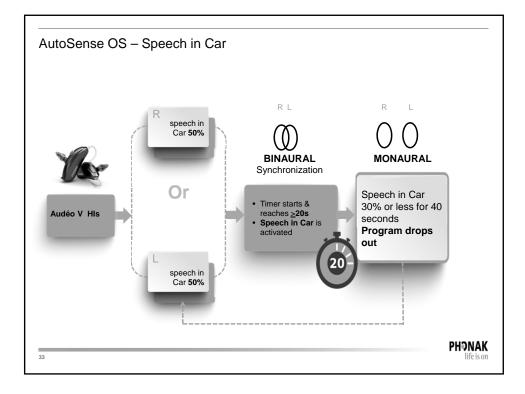


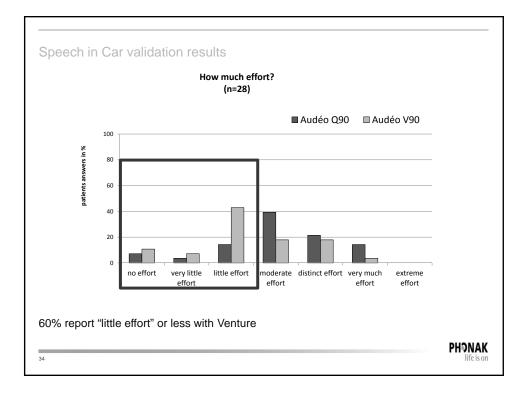


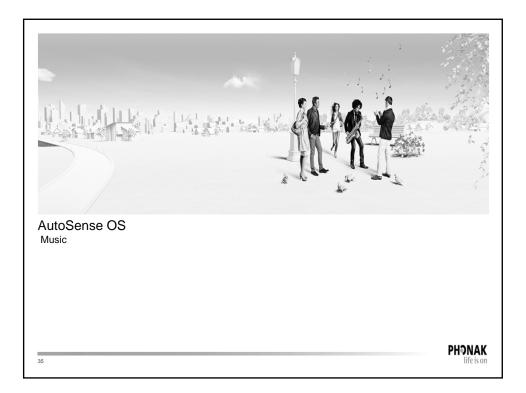
15



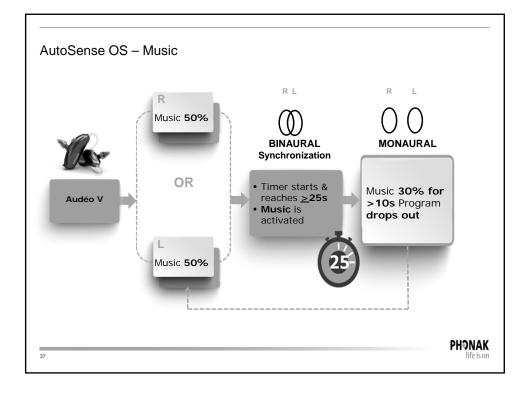


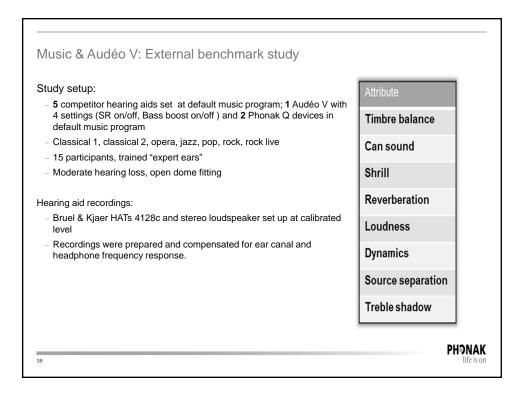


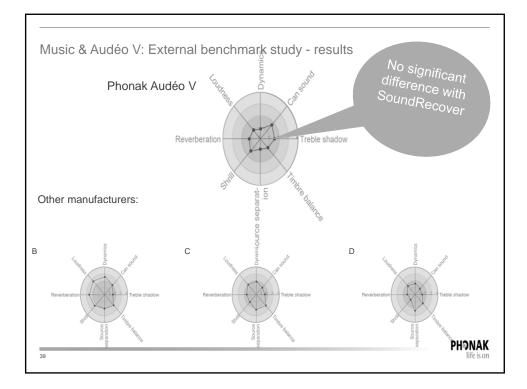


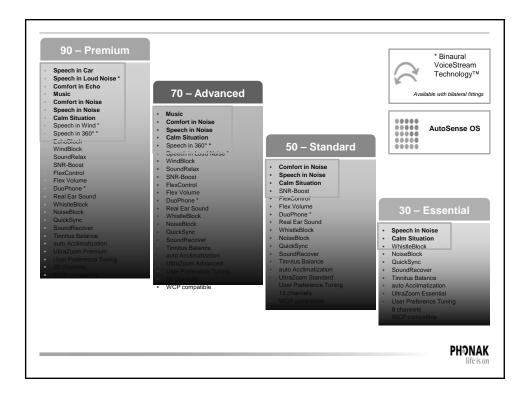


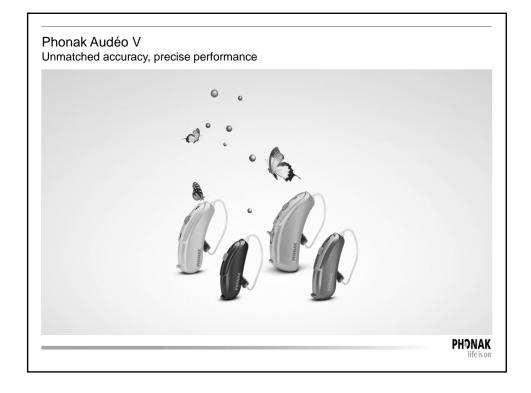
	Venture Music Program	
High Input Limit	118 dB SPL	
Input dynamic range	101 dB SPL	
Compression	Variable release times	
Directionality	Omni; RealEar Sound; Fixed Beamformer	
WhistleBlock	Independent adjustment in AutoSense OS	

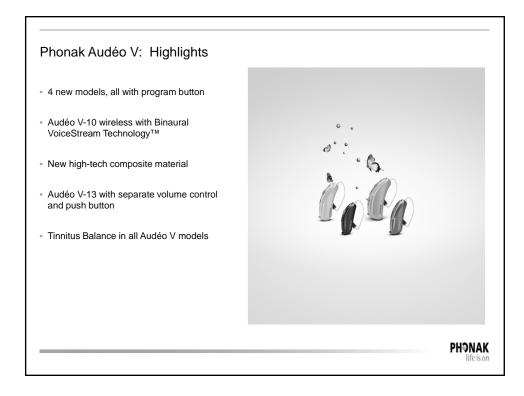


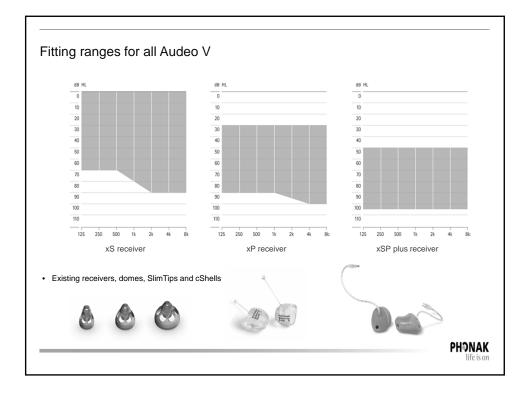


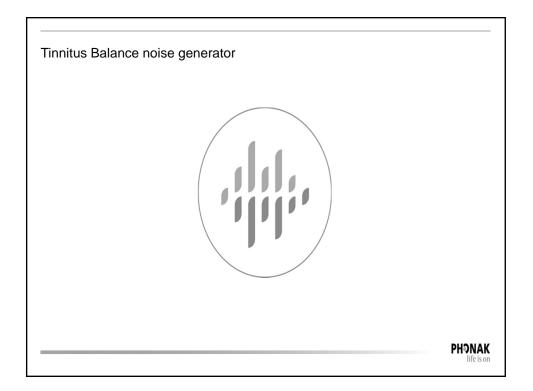


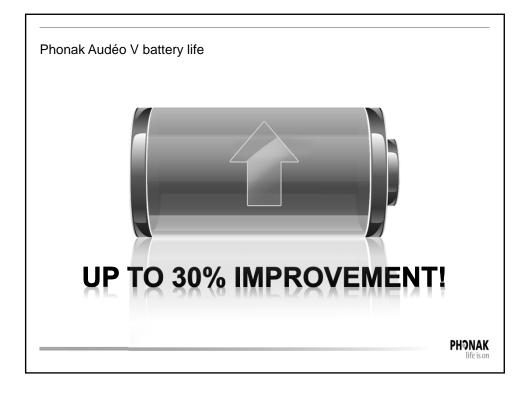












Party Scene (75-80 dB SPL)	Hearing loss/ Receiver	Audéo Q 312T (Naída Q- RIC)	Audéo V 312	Difference
AutoSense OS (no BVST)	Moderate – xS Mod/Severe – xP Severe – xSP plus	1.9 mA 1.9 mA 2.8 mA	1.5 mA 1.7 mA 1.9 mA	-21% -11% -32%
Speech in Loud Noise	Moderate – xS Mod/Severe – xP Severe – xSP plus	4.5 mA 4.5 mA 5.4 mA	3.2 mA 3.4 mA 3.6 mA	-29% -24% -33%

	Phonak Audéo V-10	Phonak Audéo V- 312	Phonak Audéo V- 312T	Phonak Audéo V-13	
All new designs New High Tech Composite Housing			Ø	P	
Binaural VoiceStream Technology™	*	*	*	*	
Wireless programing	*	*	*	*	
Wired programing		*	*	*	
T-Coil			*	*	
Push Button	*	*	*	*	
Volume Control				*	
Direct Audio Input				*	
AS18				*	
Roger 18				*	
xS Receiver	*	*	*	*	
xP Receiver	*	*	*	*	
xSP plus Receiver		*	*	*	

