

Center for Implantable Hearing Devices

	 ADVANCED BIONICS	 Cochlear	 MED-EL MEDICAL ELECTRONICS
	www.bionicear.com	www.cochlear.com	www.medel.com
Implant Features			
<i>Model</i>	90K	N24	Combi 40+
Design	Curved	Contour, Straight, Split	Standard, Compressed, Split
Electrodes (programmable)	16	22	12
Material	Silastic	Silastic	Ceramic
MRI	Yes (≤ 0.3 tesla)	Yes (w/o magnet)	Yes (≤ 0.2 tesla)
Processors			
Ear Level	Yes	Yes	Yes
<i>Model</i>	<i>Auria</i>	<i>3G</i>	<i>Tempo+</i>
			
Body Worn	Yes	Yes	Yes
<i>Model</i>	<i>PSP</i>	<i>Sprint</i>	<i>CIS Pro+</i>
	 <small>Platinum Sound Processor™</small>		
Processor Features			
Coding Strategies	Hi-Res, CIS, MPS, SAS	ACE, Speak, CIS	CIS+
Batteries (BTE style)			
Disposable	No	Yes	Yes
Rechargeable	Yes	No	No
Life	9 or 17 hour average	54 hours / set	3-5 days / set
Controls			
Volume	Yes	Yes	Yes
Sensitivity	programmable	Yes	Yes
Telecoil	External Accessory	Internal	External Accessory
Auxiliary Input	Yes	Yes	Yes
Warranty			
Implant	10 yrs.	10 yrs.	10 yrs.
Externals	3 yrs.	3 yrs.	3 yrs.
Loss / Damage	Yes	Yes	Yes