

jam

ITE hearing aid series



Performance profile	9*	7	5	3
Channels / bands	20	16	12	8
Processing types	WDRC and linear	WDRC and linear	WDRC and linear	WDRC and linear
Adaptive Directional	Multiband	Multiband	Multiband	Multiband

Features				
SpeechBeam+	•			
AutoSurround	AutoSurround 4	AutoSurround 4	AutoSurround 3	AutoSurround 2
SurroundOptimizer+	•	•	•	
SurroundOptimizer				•
AcclimatizationManager	•	•	•	•
BiPhone /BiLink (with wireless)	•	•	•	•
Pinna Effect	•	•	•	
Manual programs	Up to 3	Up to 3	Up to 3	Up to 3
FeedbackManager	•	•	•	•
Direct Sound Management (DSM)	•	•	•	•
Sound Impulse Manager	•	•	•	•
PhoneConnect (optional)	•	•	•	•
MusicSelect	Automatic	Automatic	•	•

In all technology levels
3 wireless programs, DataLogging, Active Wind Block, tinnitus masker

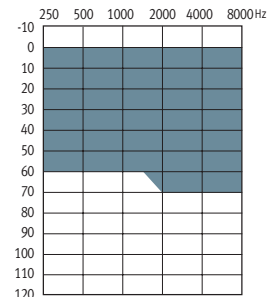
Accessories (optional)				
Remote control RCV1 (with wireless)	•	•	•	•
uDirect 2 (with wireless)	•	•	•	•
uTV 3 (with wireless)	•	•	•	•
uMic (with wireless)	•	•	•	•

Batttery size	Full shell	Half shell	Canal	Mini Canal	CIC	Wireless	Microphone
13	Standard	Optional	Optional	N/A	N/A	Yes	Directional
312	Optional	Standard	Standard	N/A	N/A	Optional	Directional
10A	Optional	Optional	Optional	Standard	Standard	N/A	Omni

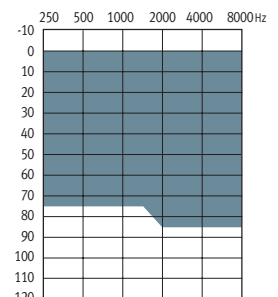
*9 is only available with wireless and directional products



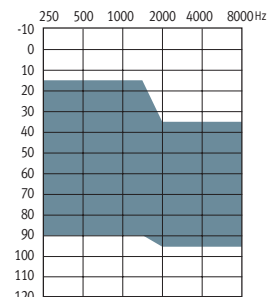
Fitting guides



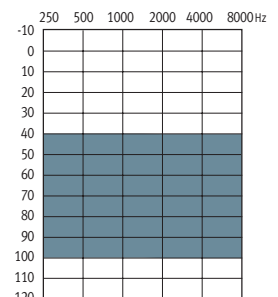
Moderate



Power



Super Power

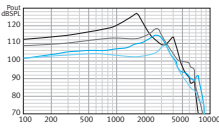
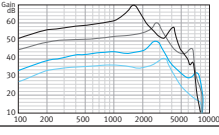
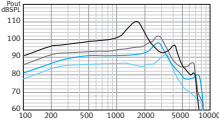
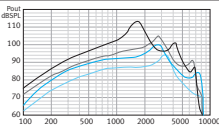
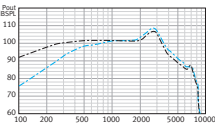


Ultra Power

40-SP



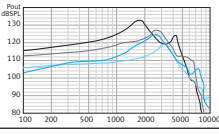
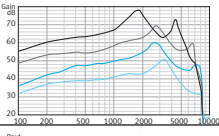
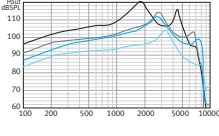
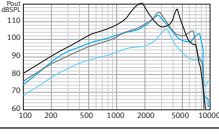
ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6	1.6
	OSPL90				
	Maximum (dB SPL)	112	118	122	130
	Nominal (dB SPL)	109	115	119	127
	HFA - OSPL90 (dB SPL)	103	111	114	120
	at RTF (dB SPL)	103	109	113	127
	Full on gain (input 50 dB SPL)				
	Maximum (dB)	40	50	60	70
	HFA - FOG (dB)	37	46	54	62
	at RTF (dB)	35	43	53	70
	Reference test setting (RTS)				
	Frequency range (Hz)	100-7500	100-7500	100-7100	100-5500
	Reference test gain (dB)	26	34	37	43
	Current drain at RTS (mA) 10A/312/13	1.2/1.2/1.2	1.4/1.4/1.4	1.2/1.2/1.2	--/1.2/1.2
	Typical battery life (h) 10A/312/13	80/150/260	70/130/220	80/150/260	--/150/260
	Equivalent input noise at RTS (dB SPL)	19	19	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/1.0	1.5/1.5/1.5	1/1/1	1/1/1
	Induction coil sensitivity (31.6 mA/m)				
	HFA SPLITS/STS (dB SPL/dB)	88/2	95/1	99/2	104/1
	Power: mic at 70 dB SPL vs. induction coil at 100 mA/m				
	--- Mic				
	- - - Induction coil				

Electromagnetic compatibility

EMC immunity by ANSI C63.19-2001 EMC, omni/telecoil	M4/T4	M4/T4	M4/T4	M4/T4
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IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6	1.6	1.6
	OSPL90				
	Maximum (dB SPL)	120	124	128	133
	at RTF (dB SPL)	111	119	121	132
	Full on gain (input 50 dB SPL)				
	Maximum (dB)	50	60	70	79
	at RTF (dB)	44	53	62	76
	Basic frequency response				
	Frequency range (DIN 45605) (Hz)	100-8200	100-8200	100-7500	100-5500
	Reference test gain (dB)	36	44	46	57
	Current drain at RTG (mA) 10A/312/13	1.2/1.2/1.2	1.2/1.2/1.2	1.2/1.2/1.2	--/1.2/1.2
	Typical battery life (h) 10A/312/13	80/150/260	80/150/260	80/150/260	--/150/260
	Equivalent input noise at RTG (dB SPL)	19	19	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2/2/1.5	2.5/2.5/2	1/1.5/1	1.5/1.5/1
	Induction coil sensitivity				
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	96	104	106	119
	Maximum (1 mA/m at full on gain) (dB SPL)	83	92	102	110
	at RTF (1 mA/m at full on gain) (dB SPL)	76	85	94	108
	Electromagnetic compatibility				
	EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni, IRIL low/medium/high band (dB SPL)	26/30/35	26/30/35	26/30/35	26/30/35

Legend

- Ultra power
- Super power
- Power
- Moderate power

Test conditions

Battery size: 10A/312/13; Source voltage: 1.3 V; Vent: closed at canal end
 Tubing 7mm (2cc/OES coupler) – moderate, power, super power.
 Tubing 9 mm (2cc coupler), Tubing 5mm (OES coupler) – ultra power.
 The hearing instrument set to HANSATON scout fitting software test settings.
 Sound pressure level of these hearing aids exceeds 132 dB SPL.
 We reserve the right to change specification data without notice as improvements are introduced.