

# jazz XC Pro

## 312 & 10 Omni In-the-ear Hearing System Series



10 Omni



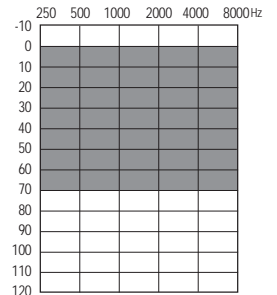
312 Omni

Functionalities	9	7	5	3
<b>Detection</b>				
SurroundSupervisorXC	•	•	•	•
<b>Automatic Program</b>				
Conversations in a crowd	•			
Conversations in a small group	•	•		
Music	•	•		
Quiet	•	•	•	
Noise	•	•	•	
Conversations in quiet	•	•	•	•
Conversations in noise	•	•	•	•
AutoSurround XC	7	6	4	2
<b>Optimization and Comfort</b>				
Intelligent Acclimatization	•	•	•	•
SoundRestore	•	•	•	•
SurroundOptimizer XC	•	•	•	•
ConversationLift	•	•	•	•
NoiseReduction	•	•	•	•
FeedbackManager	•	•	•	•
Sound Impulse Manager	•	•	•	•
Active Wind Block	•	•	•	•
<b>Channels and Programs</b>				
Channels (G/AGC)	20	16	14	12
No. of programs (AutoSurround XC/Manual)	7/3	6/3	4/3	2/3
<b>In all technology levels</b>				
FocussedFit, DataLogging, Tinnitus Manager, Telecoil				

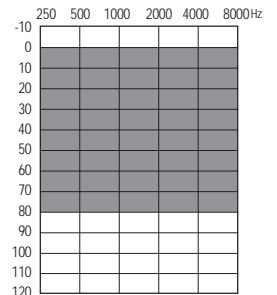
Style	Functionalities	Receiver			Shell Styles
		M	P	SP	
jazz XC Pro 10		D	•	•	IIC/CIC/MC/ITC/HS/FS
jazz XC Pro 312		•	D	•	MC/ITC/HS/FS

D = default (standard) • = optional **Bold** = default shell style

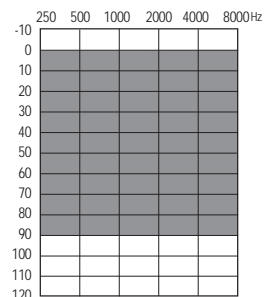
### Fitting Guides



Moderate



Power



Super power

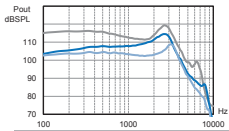
# jazz ITE XC Pro 10 and jazz XC Pro 312

Moderate power

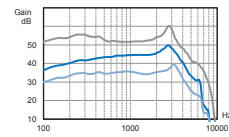
Power

Super power

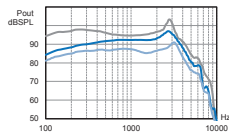
## ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



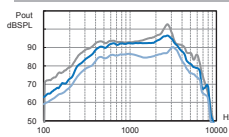
OSPL90	Moderate power	Power	Super power
Maximum (dB SPL)	109	115	119
HFA - OSPL90 (dB SPL)	103	111	114



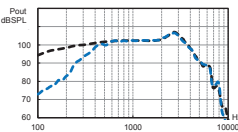
Full on gain (input 50 dB SPL)	Moderate power	Power	Super power
Maximum (dB)	40	50	60
HFA - FOG (dB)	35	46	54



Reference test setting (RTS)	Moderate power	Power	Super power
Frequency range (Hz)	<100 - 7000	<100 - 6700	<100 - 7000
Reference test gain (dB)	26	34	37
Current drain at RTS (mA)	1.0	1.0	1.0
Equivalent input noise at RTS (dB SPL)	19	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	1.0/1.5/1.0/1.0	1.0/1.0/1.0/1.0	1.0/1.0/1.0/1.0



Induction coil sensitivity (31.6 mA/m)	Moderate power	Power	Super power
HFA SPLIV / ETL5-RTLS (dB SPL/dB)	86/0	94/0	96/-1
HFA MASL (1 mA/m at full on gain) (dB SPL)	65	77	83



Power: mic at 70 dB SPL vs. induction coil at 100 mA/m

- Mic
- Induction Coil

### Legend

- Super Power
- Power
- Moderate Power

### Test conditions

Battery size: 10A/312; Source voltage: 1.3 V; Vent: closed at canal end.  
 Unless otherwise specified, all data obtained are measured with 5 mm tubing.  
 The hearing instrument is set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.  
 We reserve the right to change specification data without notice as improvements are introduced.

**WARNING:** Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.

