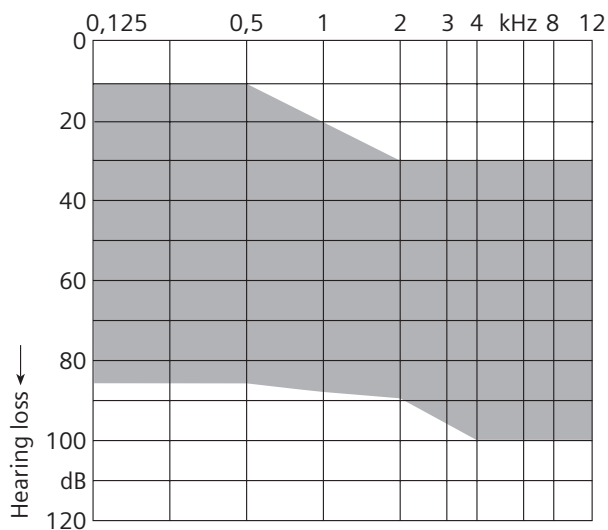


AURORA 4 Pro P



Fitting Range



Order number for BTE instrument

102 983 90 Aurora 4 Pro P beige
102 983 91 Aurora 4 Pro P grey

Performance data

			IEC 118-7/A1	IEC 118-0/A1	ANSI S3.22-2003 IEC 60118-7:2005
OSPL 90	at 1.6 kHz	dB	125	131	–
	Peak	dB	132	138	132
	HFA-OSPL 90	dB	–	–	126
	DIN 45 605	dB	124	128	–
Full-on Gain (Input 50 dB SPL)	at 1.6 kHz	dB	56	61	–
	Peak	dB	65	69	65
	HF Average	dB	–	–	57
	RTG	dB	50	55	49
	DIN 45 605	dB	55	58	–
Frequency Range					
Low frequency limit	Hz	100	100	100	
High frequency limit	Hz	6400	6700	6400	
Total Harmonic Distortion					
500 Hz	%	4	4	4	
800 Hz	%	3	3	3	
1600 Hz	%	1	1	1	
Equivalent Noise Level	dB	15	16	16	
Induction Coil Sensitivity					
MASL (1 mA/m) at 1.6 kHz	dB	86	94	–	
HFA SPLITS (left/right)	dB	–	–	106/110	
STS (left/right)	dB	–	–3/1	–	
AGC-O (–21 dB)					
Attack time	ms	6	5	5	
Release time	ms	100	100	100	
Battery Type 13 Zinc air					
Battery current	mA	0.8	0.8	0.8	
Battery life time	h	~280	~280	~280	
IRIL IEC 118-13-C1 (bystander)					
800– 960 MHz	dB	–15	–15	–15	
1400–2000 MHz	dB	–11	–11	–11	
AI-DI	dB	3.8	3.8	3.8	

Application

- Moderate to severe hearing loss
- Standard and special listening environments
- Manual volume control needed
- Fitted with CONNEXX™

Short Description

- Fully digital 4 channel amplifier
- 4 AGC-I controls
- 3 programmable memories
- 1 Flexible crossover frequency
- Power on delay
- Low battery beeps
- Program change beeps
- Microphone Noise Reduction
- Programmable telecoil
- Programmable audio input
- Compatible with cell-phones, wireless phones and usual FM systems

Highlights

- 4-channel adaptive Noise Reduction System
- Directional microphone
- Antiphase Feedback Cancellation

A

T

A

D



AURORA 4 Pro P

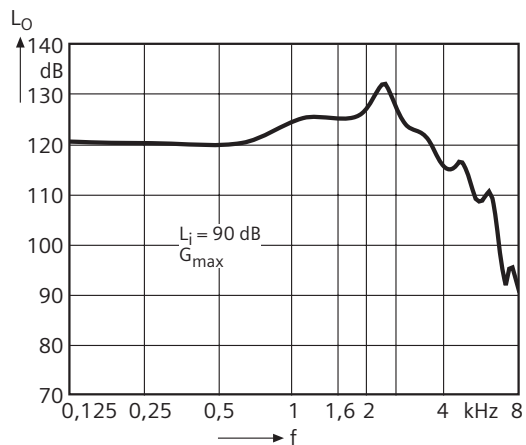
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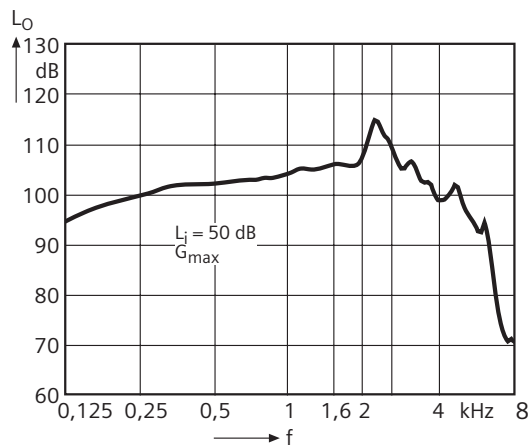
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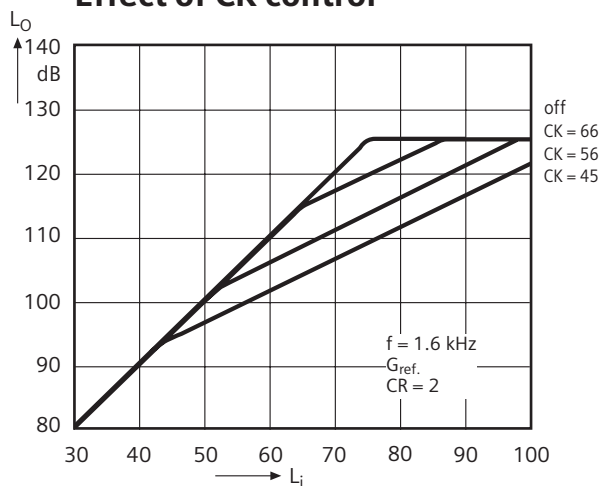
Maximum output



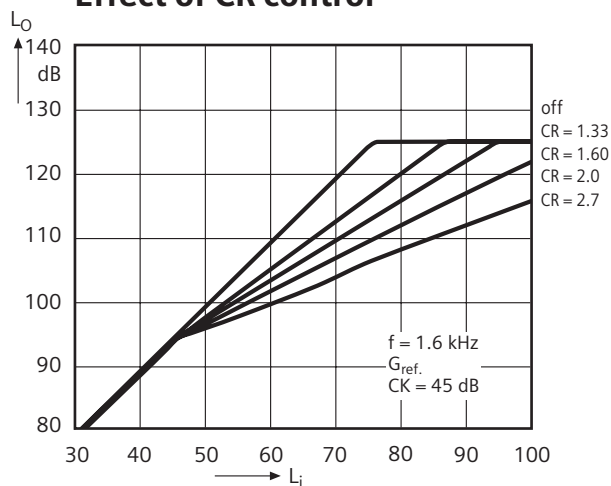
Maximum gain



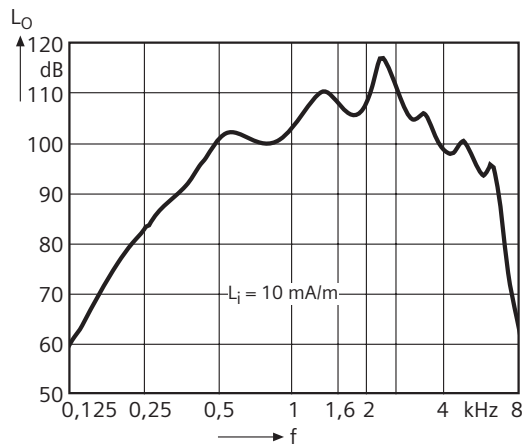
AGC-I Effect of CK control



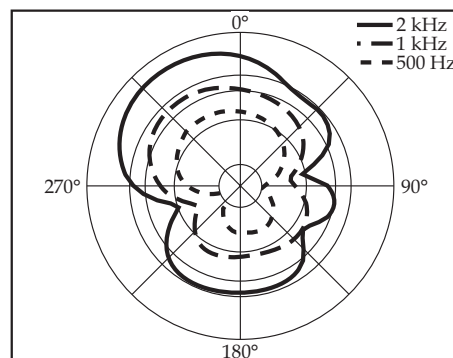
Effect of CR control



Inductive response



Directional Characteristic



AI-DI = 3.8 dB