



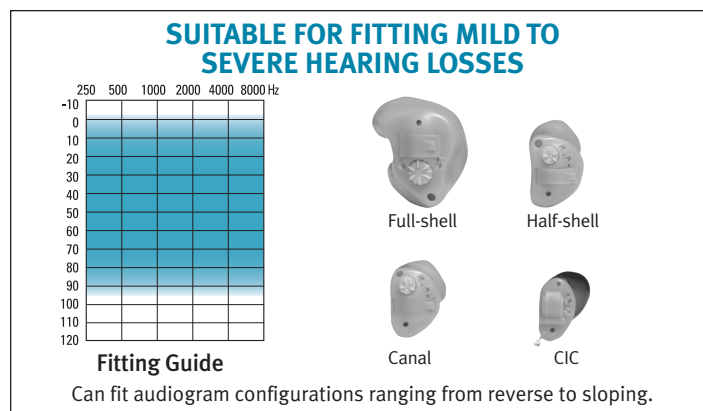
Breeze™ Custom

AGCo

Trimmer Controlled, Quiet Mode Expansion

HEARING AID FEATURES

- Digital sound processing for clear, comfortable sound
- Output Compression Limiting
- 4 controls provide fitting flexibility
 - Low-cut gain (green dot)
 - High-cut gain (black dot)
 - Maximum power output (blue dot)
 - Gain (red dot)
- Controls continuously adjustable in steps for precise adjustment
- Set trimmers counter-clockwise for maximum amplification
- Quiet mode expansion for improved sound quality in quiet environments and reduced circuit noise
- Power management system provides optimized battery life
- Low battery warning
- Contoured matte faceplate provides attractive cosmetics
- Optional telecoil, accessible through push-button switch. Offered with canal, half-shell and full-shell
- Optional dual-microphone directionality for improved signal-to-noise ratio, selectable by push-button. AI – DI = 5.1 dB. Available with canal, half-shell and full-shell
- Manual volume control standard with canal, half-shell and full-shell
- Screw-set volume control (red arrow) standard with CIC, optional with canal, half-shell and full-shell
- Power option on full-shell



IEC 118-7 2CC COUPLER TECHNICAL DATA

Styles	CIC	Canal Half-shell	Full-shell	Full-shell Power
Frequency Range (Hz)	200-8000	200-7500	200-6000	200-6300
Peak Gain	20-40 dB	35-45 dB	35-55 dB	50-60 dB
Peak Output	112 dB	112 dB	117 dB	123 dB
Reference Test Gain	4-24 dB	20-30 dB	17-34 dB	38-43 dB
Full on Average Gain*	11-30 dB	26-36 dB	24-44 dB	44-54 dB
Average OSPL90*	104 dB	107 dB	110 dB	117 dB
Reference Test Frequency	1.6 kHz	1.6 kHz	1.6 kHz	1.6 kHz
Full on Gain at 1.6 kHz	11-31 dB	26-36 dB	25-45 dB	45-56 dB
Output at 1.6 kHz	104 dB	106 dB	110 dB	117 dB
Typical Battery Life (Zinc Air Premium)	100 h 10A	150-165 h 312	320 h 13	260 h 13
Current Drain at RTG	0.9 mA	0.9-1.0 mA	0.9 mA	1.1 mA
Output with Inductive Input at 1.6 kHz	N/A	57-68 dB	56-74 dB	77-88 dB
Equivalent Input Noise at RTG	18-37 dB	16-25 dB	15-25 dB	20 dB
Attack Time	<10 ms	<10 ms	<10 ms	<10 ms
Release Time	100 ms	100 ms	100 ms	100 ms
Compression Ratio	∞:1	∞:1	∞:1	∞:1

*Average of 500, 1000 and 2000 Hz

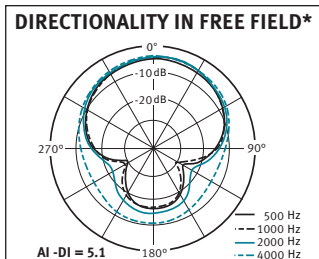
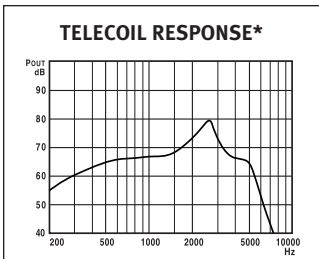
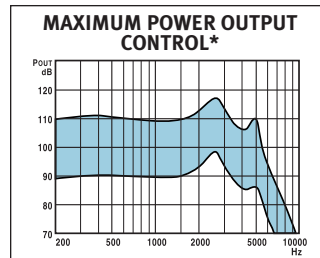
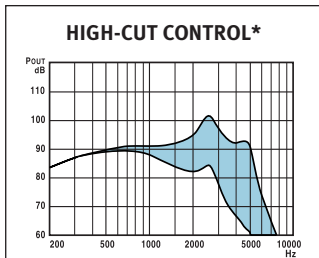
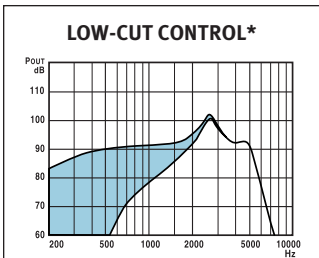
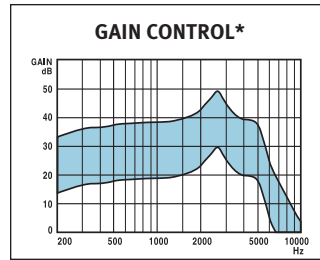
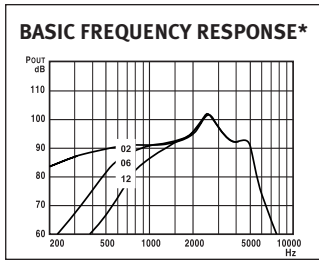
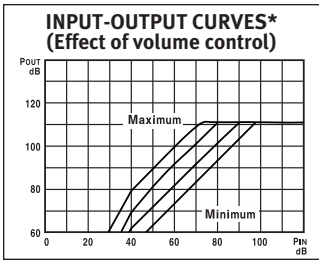
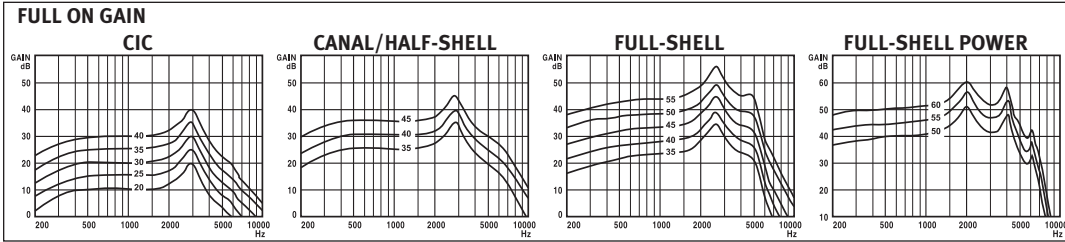
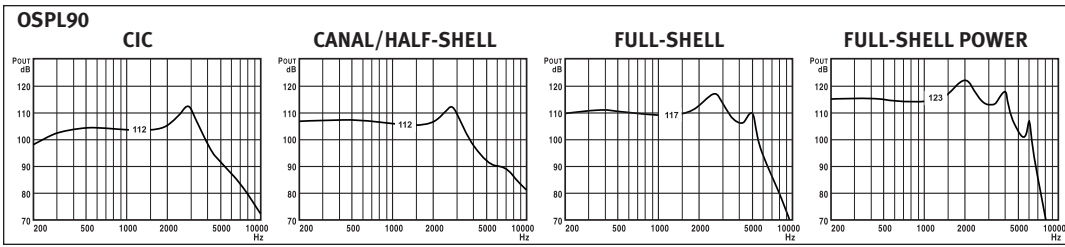
MATRIX SELECTIONS

Full-shell power	Full-shell	Half-shell/Canal	CIC
123/60/02,06,12	117/55/02,06,12	112/45/02, 06, 12	112/40/02, 06, 12
123/55/02,06,12	117/50/02,06,12	112/40/02, 06, 12	112/35/02, 06, 12
123/50/02,06,12	117/45/02,06,12	112/35/02, 06, 12	112/30/02, 06, 12
	117/40/02,06,12		112/25/02, 06, 12
	117/35/02,06,12		112/20/02, 06, 12

IEC 118-0 EAR SIMULATOR

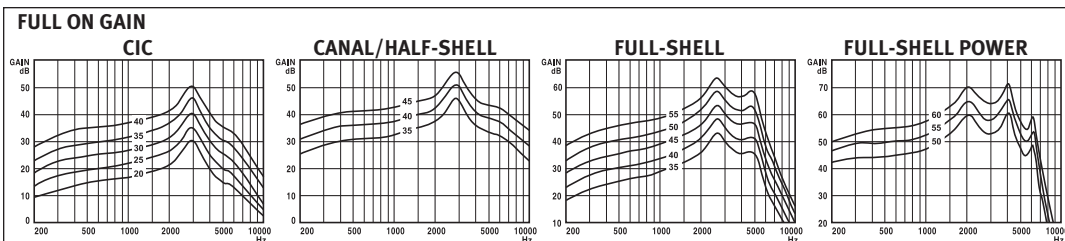
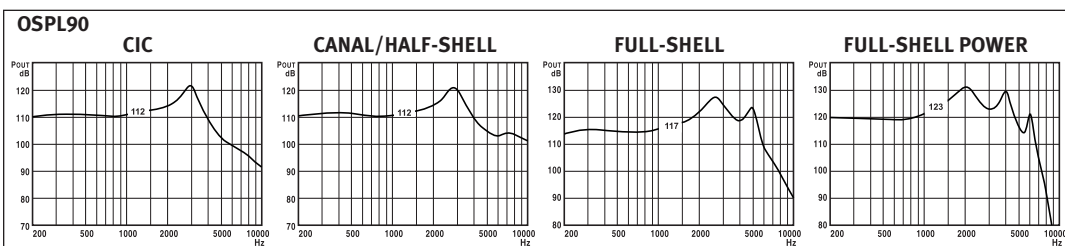
Styles	CIC	Canal Half-shell	Full-shell	Full-shell Power
Frequency Range (Hz)	200-7700	200-8000	200-6400	200-6600
Peak Gain	31-51 dB	46-56 dB	43-63 dB	60-71 dB
Peak Output	121 dB	122 dB	127 dB	131 dB
Full on Gain at 1.6 kHz	20-39 dB	35-45 dB	33-53 dB	54-64 dB
Output at 1.6 kHz	112 dB	113 dB	119 dB	126 dB

BREEZE AGCo CUSTOM DIGITAL IEC 118-7 2CC COUPLER SPECIFICATIONS



* The performance was measured based on the Breeze AGCo full-shell (117/50/02)

IEC 118-0 EAR SIMULATOR



TEST CONDITIONS

RTG-IEC: Reference Test Gain of the Volume Control
 BATTERY: 13 Zinc Air Premium
 SOURCE: Voltage 1.3 V
 Impedance 6 Ohms
 COUPLER: HA-1
 VENT: Closed at canal end
 Refer to: "Summary of Test Conditions and Limits" for more details.

AID MARKING: Breeze AGCo

COMPLIANCE

Our products are designed to meet all of the limits required when tested in accordance with the applicable standard.

REFERENCES

IEC: International Electrotechnical Commission Publication 118-0, 118-7 (1983)
 European Standard EN60118/A1 February, 1994
 JIS: Japanese Industrial Standard JIS C 5512-2000

We reserve the right to change specification data without notice as improvements are introduced.

This product is manufactured under the protection of U.S. Patent #4349082 & #5204917.

Caution: Hearing aids and batteries can be harmful if swallowed or improperly used.



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