

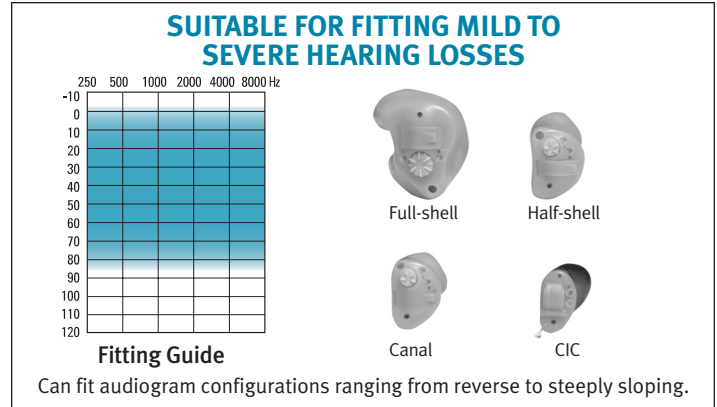


Breeze™ Custom

WDR Trimmer Controlled, Two Channel Processing

HEARING AID FEATURES

- Digital sound processing for clear, comfortable sound
- 2 channel Wide Dynamic Range Compression
- Choice of 5 controls provide fitting flexibility
 - Low channel gain (green dot)
 - High channel gain (black dot)
 - Crossover frequency (white dot)
 - Maximum power output (blue dot)
 - Threshold kneipoint (orange dot)
- Controls continuously adjustable in steps for precise adjustment
- Set F counter-clockwise for 4000 Hz position, other trimmers counter-clockwise for maximum amplification
- Quiet mode expansion for improved sound quality in quiet environment 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

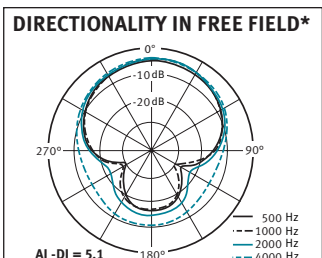
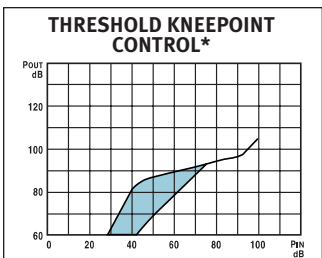
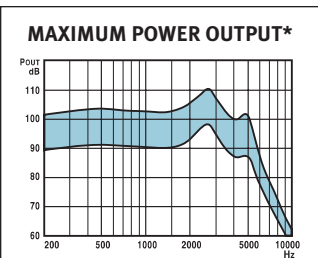
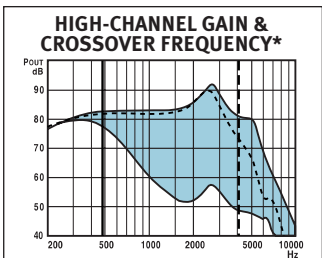
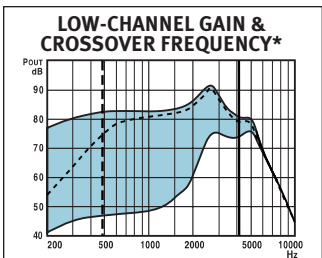
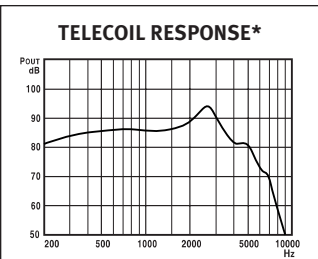
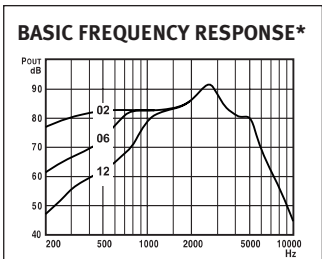
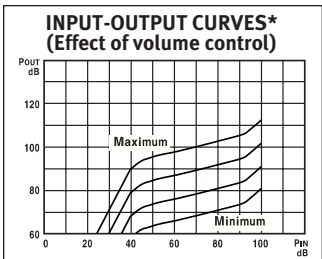
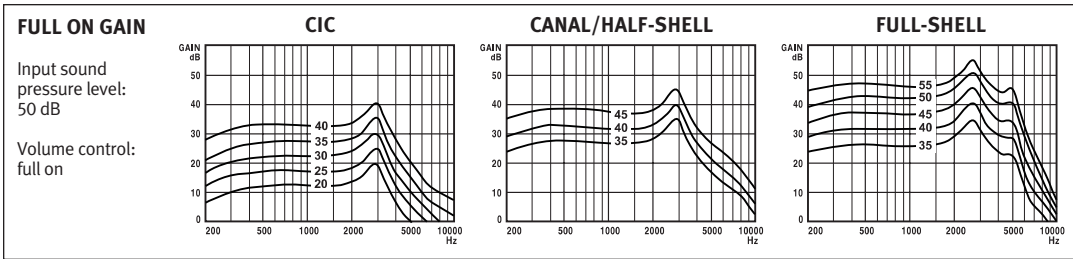
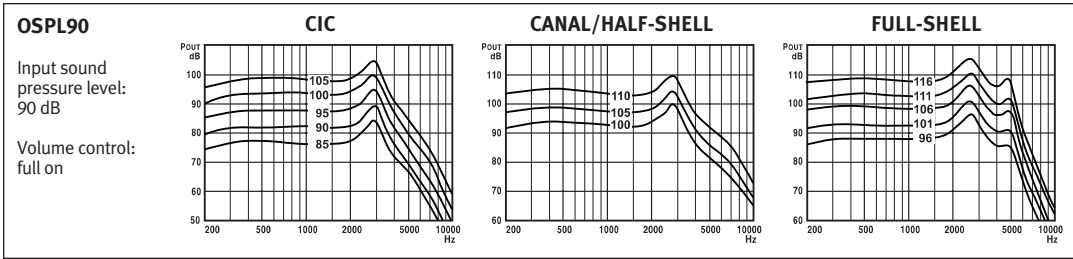


ANSI S3.22-1996 TECHNICAL DATA			
Styles	CIC	Canal Half-shell	Full-shell
Frequency Range (Hz)	200-7400	200-7700	200-6700
Peak Gain	20-40 dB	35-45 dB	35-55 dB
Peak Output OSPL90	85-105 dB	100-110 dB	96-116 dB
Reference Test Gain	1-22 dB	17-27 dB	14-33 dB
HF Average Gain	13-35 dB	29-39 dB	28-48 dB
HF Average OSPL90	78-99 dB	94-104 dB	91-110 dB
Typical Battery Life (Zinc Air Premium)	105 h 10A	190 h 312	320 h 13
Current Drain at RTP	0.85 mA	0.8 mA	0.9 mA
Telephone Magnetic Field Simulator			
HFA SPLITS	N/A	74-84 dB	71-90 dB
STS SPLITS		-3 dB	-3 dB
Equivalent Input Noise at RTP	23-37 dB	22-25 dB	18-26 dB
Total Harmonic Distortion at RTP			
500 Hz	typical 3%	5%	5%
800 Hz	typical 1%	3%	3%
1600 Hz	typical 1%	3%	3%
Attack Time	70 ms	70 ms	70 ms
Release Time	400 ms	400 ms	400 ms
Compression Ratio	2.9:1 to 1:1	2.9:1 to 1:1	4:1 to 1:1

Quiet mode expansion: on

MATRIX SELECTIONS		
Full-shell	Half-shell/Canal	CIC
116/55/02,06,12	110/45/02,06,12	105/40/02,06,12
111/50/02,06,12	105/40/02,06,12	100/35/02,06,12
106/45/02,06,12	100/35/02,06,12	95/30/02,06,12
101/40/02,06,12		90/25/02,06,12
96/35/02,06,12		85/20/02,06,12

BREEZE WDRC CUSTOM DIGITAL ANSI SPECIFICATIONS



* The performance was measured based on the Breeze WDRC full-shell (111/50/02)

TEST CONDITIONS

RTP-ANSI: Reference Test Position 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 WDRC

COMPLIANCE

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

REFERENCES

ASA: Acoustical Society of America, ANSI S3.22-1996
 FDA: Food and Drug Administration, Part 801

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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