Digital

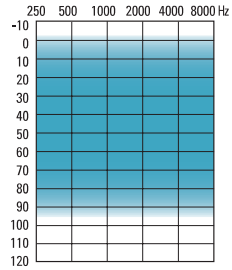
unitron hearing™

Breeze™
Custom
LINEAR
Trimmer Controlled, Quiet Mode Expansion

HEARING AID FEATURES

- Digital sound processing for clear, comfortable sound
- Four controls provide fitting flexibility
  - Low-cut (green dot)
  - High-cut (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 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 (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

SUITABLE FOR FITTING MILD TO SEVERE HEARING LOSSES



Fitting Guide


Full-shell


Half-shell


Canal


CIC

Can fit audiogram configurations ranging from reverse to sloping.

ANSI S3.22-1996 TECHNICAL DATA

Styles	CIC	Canal Half-shell	Full-shell	Full-shell Power
Frequency Range (Hz)	200-7700	200-8000	200-6200	200-6900
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	12-28 dB	27-30 dB	27-35 dB	39 dB
HF Average Gain	12-32 dB	27-37 dB	27-47 dB	44-54 dB
HF Average OSPL90	105 dB	107 dB	112 dB	116 dB
Typical Battery Life (Zinc Air Premium) Current Drain at RTP	100 h 10A 0.9 mA	150-165 h 312 0.9-1.0 mA	290 h 13 1.0 mA	260 h 13 1.1 mA
Telephone Magnetic Field Simulator HFA SPLITS STS SPLITS	N/A	 91 dB 1-4 dB	 90-97 dB 2-3 dB	 103 dB 4 dB
Equivalent Input Noise at RTP	19-31 dB	20 dB	20 dB	22 dB
Total Harmonic Distortion at RTP 500 Hz typical 3% 800 Hz typical 1% 1600 Hz typical 1%	 5% 3% 3%	 5% 3% 3%	 5% 3% 3%	 5% 3% 3%

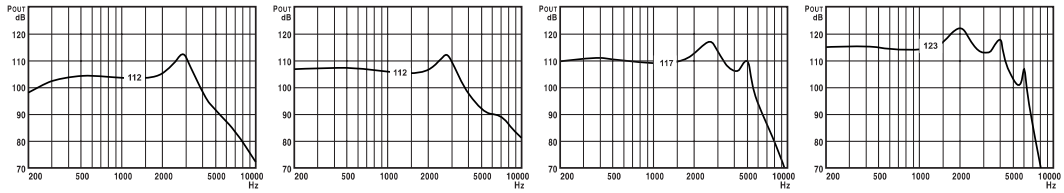
MATRIX SELECTIONS

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

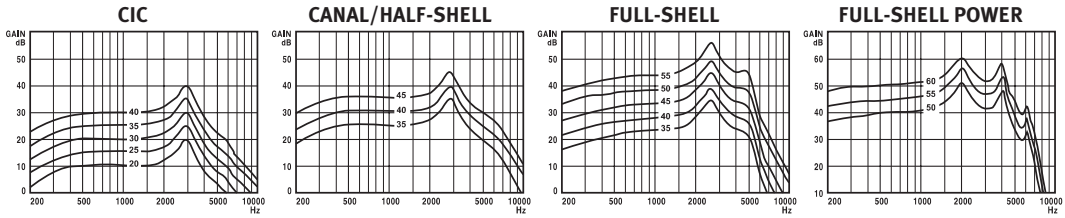
1/04-011 029-5413-02 Printed in Canada CE 0543

BREEZE LINEAR CUSTOM DIGITAL ANSI SPECIFICATIONS

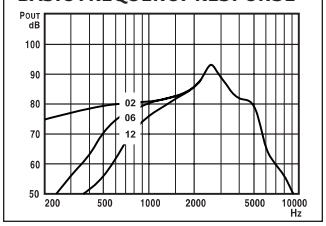
OSPL90



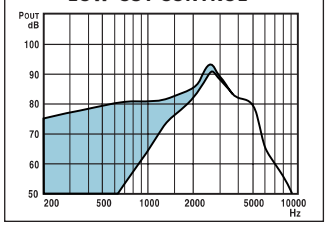
FULL ON GAIN



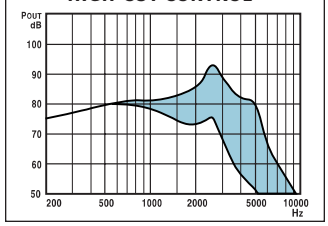
BASIC FREQUENCY RESPONSE*



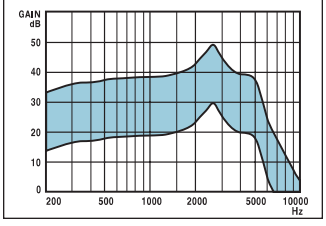
LOW-CUT CONTROL*



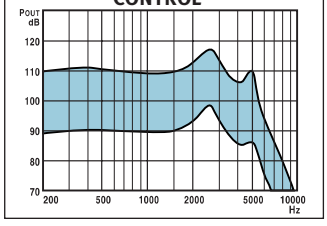
HIGH-CUT CONTROL*



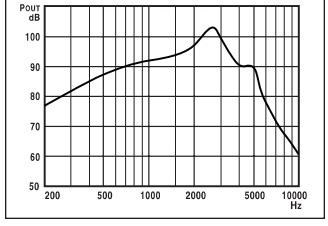
GAIN CONTROL*



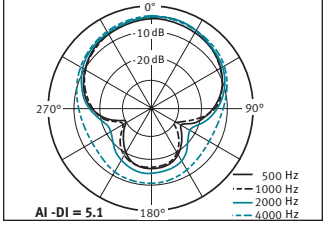
MAXIMUM POWER OUTPUT CONTROL*



TELECOIL RESPONSE*



DIRECTIONALITY IN FREE FIELD*



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

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 Lin

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.

unitron hearing™

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