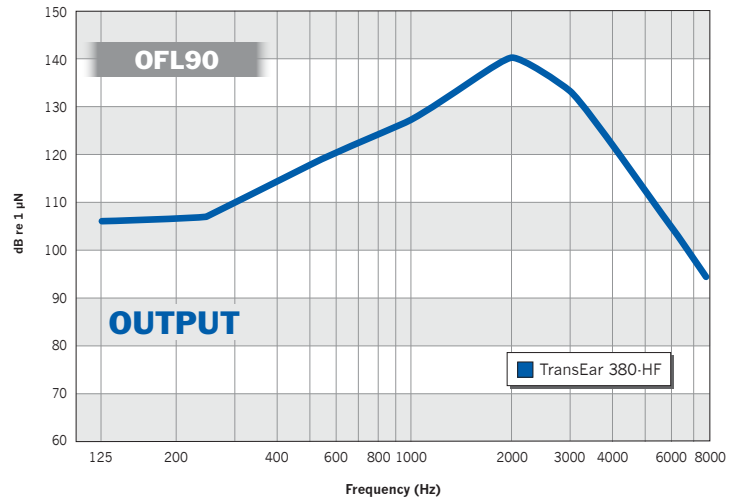
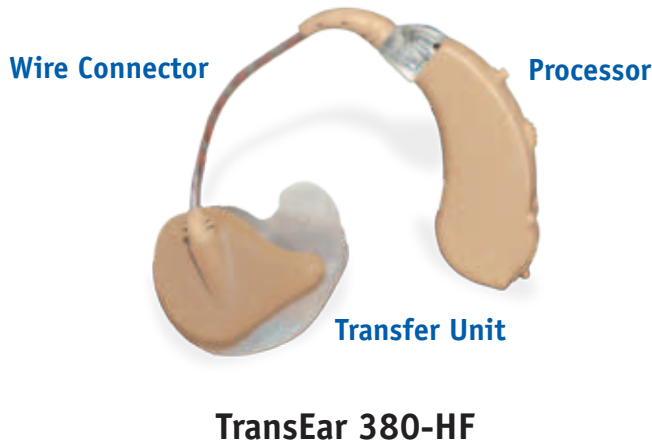


TransEAR[®]

For Single-Sided Deafness

Specifications



TransEar[®] features an advanced 8-channel digital processor with a high power output stage that drives a small oscillator/transducer in the shell of the transfer unit. Shells are hypoallergenic acrylic.

Each TransEar processor ships with two memories activated, although two additional memory settings are available if desired. As with traditional hearing instruments, program 1 should be utilized for listening in quiet, and program 2 typically mimics program 1 but adds adaptive noise reduction. All processors have an external volume control, and a directional microphone option is available. TransEar's fitting software allows easy adjustment of:

- internal gain to suit the patient's preference;
- each of the 12 graphic equalizers or 8 compression bands that are available in each program; and
- program indicator and battery warning tones.

Specifications	
Note: All dB values are relative to 1 µN (microNewton) unless stated otherwise.	
	TE380-HF
Peak OFL90	140 dB
HFA OFL90	130 dB
Maximum Gain	123 dB
HFA FOG OFL50	119 dB
Source Amplitude	50 dB
Ref. Test Gain	54 dB
Distortion:	1600 Hz ≤ 4.0%
	2000 Hz ≤ 3.5%
	2400 Hz ≤ 3.5%
Frequency Response (200-8000 Hz)	15 dB
Eq. Input Noise:*	29 dB SPL
Battery Current:*	4 mA
Attack Time:*	< 0 mS
Release Time:*	< 1 mS

* Class D Processor

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