F80 HT+

Technical Information

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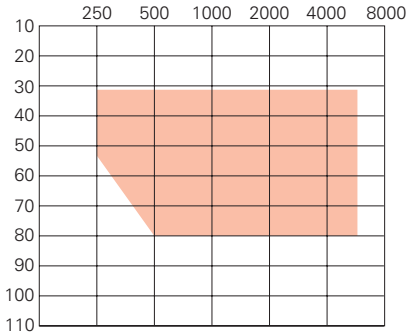
REXTON

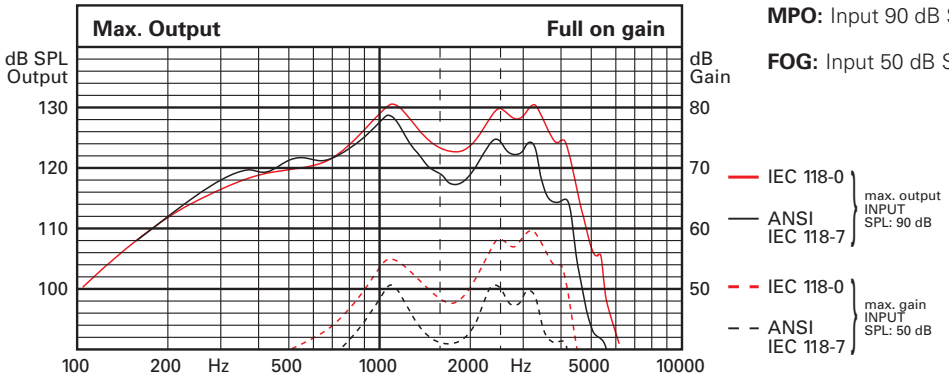
F80 HT+

Performance Data			per ANSI S3.22-1996		2 ccm coupler IEC 118-7	Earsimulator IEC 118-0
Saturation	Peak	dB SPL	129		129	133
	F reference	dB SPL	128		119	125
	HF-Average	dB SPL	124		–	–
PC Control	Range at F reference	dB SPL	–		–	–
Full-on Gain	Peak	dB	51		51	59
	F reference	dB	49		40	49
	HF-Average	dB	47		–	–
Reference Test Gain (RTG)		dB	47		–	42*
Gain Control	Range	dB	–		–	–
Frequency Response		Hz	260 – 4500		190 – 4600	350 – 4900
LOW Control	Reduction at 500 Hz	dB	–		–	–
HIGH Control	Reduction at 4000 Hz	dB	–		–	–
AGC	Threshold	dB SPL	–		–	–
	Attack Time	ms	–		–	–
	Release Time	ms	–		–	–
	Compression Factor		–		–	–
Volume Control Range		dB	>35		–	>35
Total Harmonic Distortion at RTG/REF.:			Typical	Limit	Typical	Typical
70 dB Input at	500 Hz	%	(6)**	(9)	–	3
	800 Hz	%	1	4	1	1
	1600 Hz	%	2	5	–	2
Equivalent Noise Level		dB SPL	24		29	31
Coil Sensitivity at F reference, 10 mA/m		dB SPL	100		104	99
Supply Current		mA	1.8		1.8	2.0
Battery Life	Type 675 zinc-air	h	270		270	260
Reference Test Frequency (RTF)		Hz	1000		1600	1600

* RTG = F0G – 7 dB / IEC 118-0 / A1 ** Slope <12 dB/Oct.



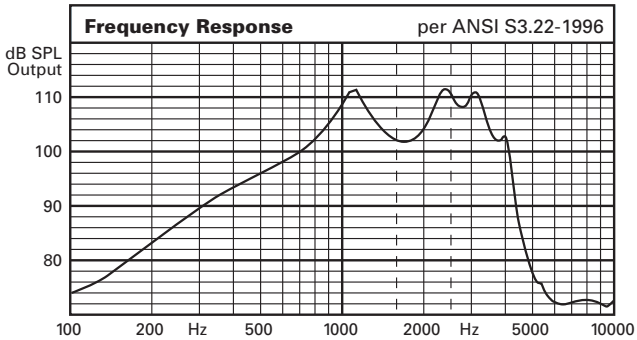
Fitting range



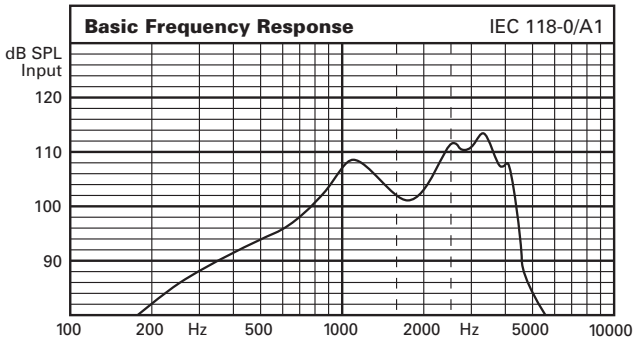
MPO: Input 90 dB SPL

FOG: Input 50 dB SPL

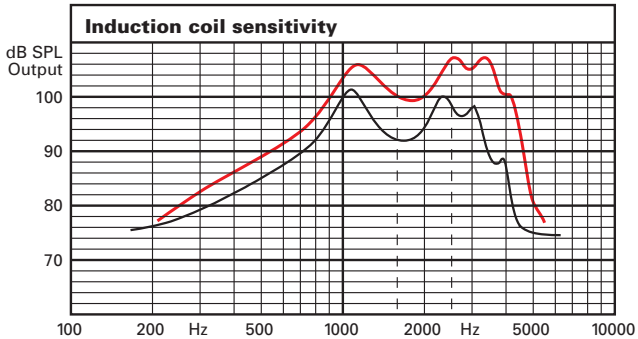
F80 HT+



Input 60 dB SPL
Volume Control in Ref. Test Position



Volume Control in Ref. Test Position



Input 10 mA/m
Volume Control in
max. Gain Position

per IEC 118-0

per ANSI S3.22-1996

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Features

- The F80 HT+ is especially suitable for **high frequency hearing losses** up to 75 dB hearing loss. Skislope losses are well-suited for F80 HT+ as the instrument has the highest gain between 2000 and 4000 Hz
- The user-operated MTO switch placed in the lower part of the instrument for easy operation by the user
- The MTO switch is operated vertically for easy handling. M for microphone gives acoustical reception of all signals; T for telecoil gives reception of a magnetic field for school systems and loop systems in churches, theatres etc; O for off
- The telecoil has been chosen for an **efficient reproduction of magnetic sound fields for use in schools**, churches, theatres etc
- A **high-capacity 675 battery** is placed at the bottom of the instrument

Siemens Audiologische Technik GmbH
Gebbertstrasse 125, D-91058 Erlangen

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