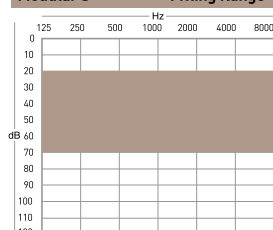


TIE XR 400

WIRELESS + RF CHARGING

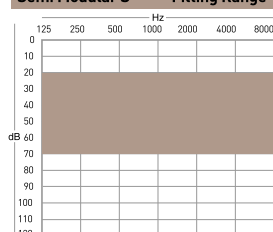
Modular S Fitting Range



Modular S



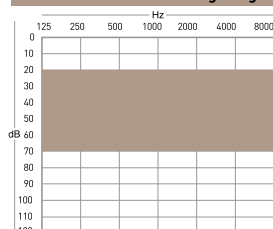
Semi Modular S Fitting Range



Semi Modular S



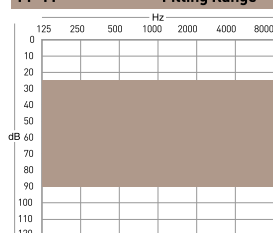
FP-S Fitting Range



FP-S



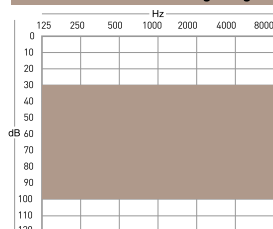
FP-M Fitting Range



FP-M



FP-P Fitting Range



FP-P



KEY FEATURES:

- 80 Compression Application Parameters
- 49 Frequency Channels
- 24 kHz Sampling Frequency
- 16 MPO Limits
- 49 EQ Bands
- Up to 12 kHz Fitting Bandwidth*
- 8 Programs
- 16 WDRC Channels
- (T-FIS) Tinnitus Frequency Isolation System (Static and Dynamic)
- Noise Reduction
- FBC (Super FeedBack Canceller)
- Environment Classification
- Program Change Warning (Voice or Tone)
- Low Battery Warning (Voice or Tone)
- Volume Control
- Starting Program/Volume Memory
- Data Logging
- Activation Delay
- Omni-Directional- TIE Technology Microphone
- Fitting Formula Settings (NAL-NL2, DSL Adult/ Pediatrics)
- Frequency Channel and WDRC Channel Independent Adaptation
- Mobile Parameter Setting (Cleverear)
- AirPlane Mode
- EC Binaural Control
- Connecting with ConnectLine and TVLine
- EarToEar Connectivity
- Made for iPhone® (Phone call, Streaming)
- Android™ Support (Streaming with ConnectLine)
- Bluetooth® Control
- Rechargeable Battery

PERFORMANCE FEATURES

Extra safety and durability tests:

- Ear-technic hearing devices are reliable, durable and robust with its unique design.
- IEC 60068-2-64 (vibration)
- IEC 60068-2-31 (mechanical shocks)
- IEC 60068-2-14 (shock temperature changes)
- IP68 (IEC 60529) (dust, water and humidity)

* Bandwidth is available in Gain Adjustments in Fitting software.

Programming System

Software : CorrectFit2

Wireless Programming
FitLine



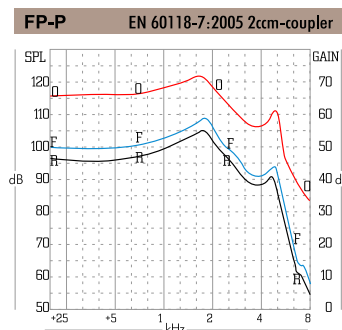
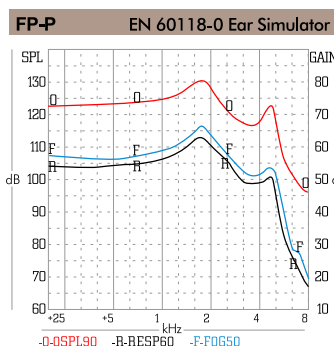
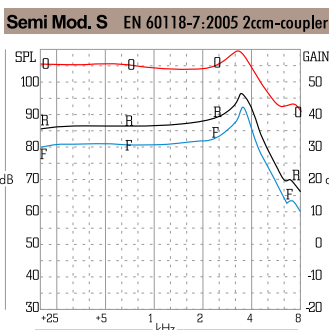
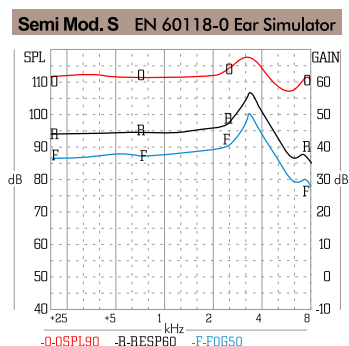
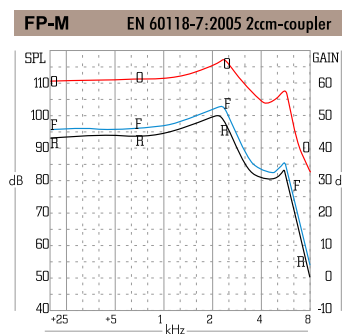
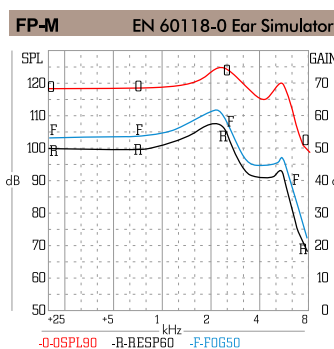
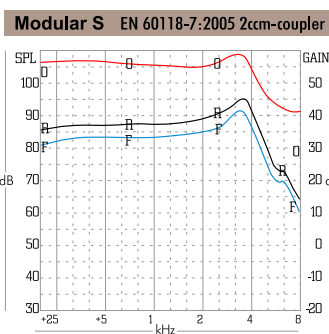
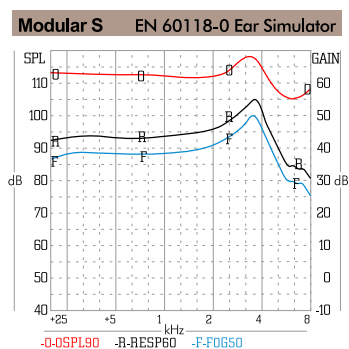
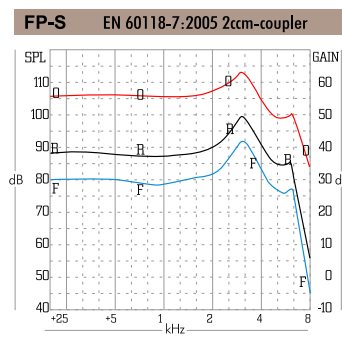
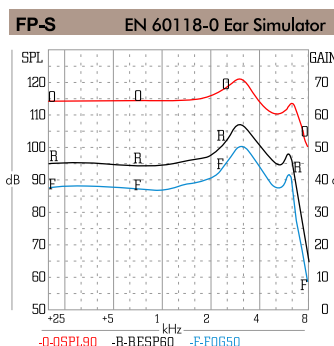
* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain)

* Technical datas are given in according to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.

TIE XR 400

Technical Specifications		EN 60118-0 Ear Simulator					EN 60118-7:2005 2ccm-coupler				
Output (OSPL90)		Modular S	Semi Mod. S	FP-S	FP-M	FP-P	Modular S	Semi Mod. S	FP-S	FP-M	FP-P
Max	dB SPL	118	118	121	125	130	109	110	113	117	122
HFA Avg (1000,1600,2500 Hz)	dB SPL	113	113	115	121	125	106	105	108	114	118
Gain (FOG50)											
Max	dB	50	50	50	62	66	42	42	42	53	59
HFA Avg (1000,1600,2500 Hz)	dB	40	40	40	58	60	33	33	33	49	53
Reference Test Gain (Input 60 dB SPL)	dB	36	36	38	44	48	28	28	30	36	40
EQ Input Noise	dB SPL	24	25	25	23	24	24	25	25	23	24
Frequency Response (RESP60)											
Low Frequency Limit	Hz	100	100	100	100	100	100	100	100	100	100
High Frequency Limit	Hz	8000	8000	7200	6200	5500	7300	7600	7000	6000	5300
Total Harmonic Distortion											
500 Hz (Input 70 dB SPL)	%	0,9	0,8	1,1	0,4	1,2	0,8	0,8	1,2	0,4	1,1
800 Hz (Input 70 dB SPL)	%	1,1	1	1,4	1	0,5	0,9	0,9	1,4	0,8	1
1600 Hz (Input 65 dB SPL)	%	1	1,4	1	0,3	0,1	0,9	1,4	0,9	0,2	0,1
Telecoil Sensitivity (MASL)	dB SPL	40	40	40	53	54	35	35	30	45	46
Battery (1000 Hz / Input 65 dB)											
Battery Life (Average)	Hour	24	24	24	24	24	24	24	24	24	24

Battery Type	Lithium-Ion
EQ Bands	49
Number of Programs	8
WDRC Channels	16
Frequency Channels	49
Microphone	Omni - TIE Technology
Telecoil	+
Volume Control	Multifunctional



* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain) * Technical datas are given in according to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.