HÖRLUCHS®

RIK CHARGE BLUE 24

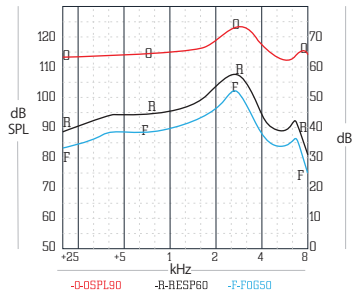


Technical Specifications — IEC 60118-0:2022

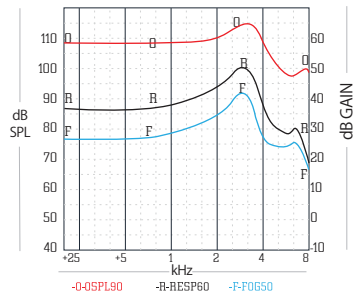
		Ear Simulator		2ccm-coupler	
Output (OSPL90)		S-Receiver	M-Receiver	S-Receiver	M-Receiver
Max	dB SPL	124	126	115	117
HFA Avg (1000,1600,2500 Hz)	dB SPL	120	123	111	115
Gain (FOG50)					
Max	dB	55	62	45	53
HFA Avg (1000,1600,2500 Hz)	dB	45	52	36	46
Reference Test Gain (Input 60 dB SPL)	dB	42	45	34	37
EQ Input Noise	dB SPL	23	24	23	24
Frequency Response (RESP60)					
Low Frequency Limit	Hz	<200	<200	<200	<200
High Frequency Limit	Hz	7800	7600	7400	7000
Total Harmonic Distortion					
500 Hz (Input 70 dB SPL)	%	0.9	0.9	0.8	0.7
800 Hz (Input 70 dB SPL)	%	0.9	0.7	0.9	0.5
1600 Hz (Input 65 dB SPL)	%	0.9	0.8	0.8	0.7
3200 Hz (Input 60 dB SPL)	%	0.8	0.9	0.7	0.6
Battery (1000 Hz / Input 65 dB)					
Battery Life (Avg) (*)	Hour	24			
Battery Type		Lithium-Ion			
EQ Bands		49			
Number of programs		4			
WDRC channels		24			
Adjustable channels		24			
Microphone		2			
Multifunctional Button (VC/Prog.)		+			

* The usage time of the rechargeable battery varies depending on the following features;
* Streaming using * Regular hearing instrument

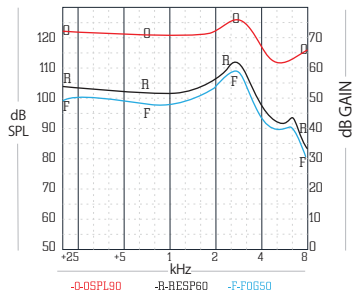
S-Receiver IEC 60118-0:2022 Ear Simulator



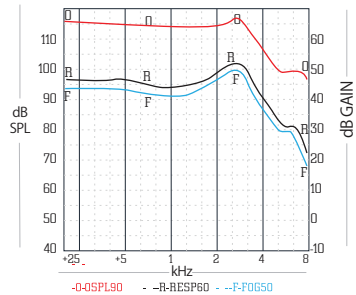
S-Receiver IEC 60118-0:2022 2ccm-coupler



M-Receiver IEC 60118-0:2022 Ear Simulator



M-Receiver IEC 60118-0:2022 2ccm-coupler

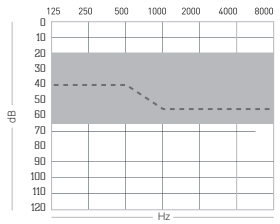


OSPL (Output Sound Pressure Level) / RESP (Frequency Response) FOG (Full On Gain).
Technical data are given according to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.



S-Receiver

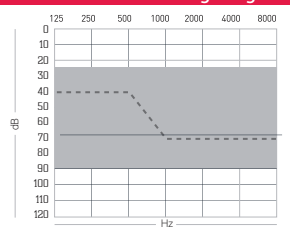
S-Receiver Fitting Range





M-Receiver

M-Receiver Fitting Range



Key Features:

- 24 Adjustable Channels
- 24 Adjustable Channels for Dynamic Compression (WDRC)
- 24 MPO Output Limits
- 49 EQ Bands
- 24 kHz Sampling Frequency
- 4 User Programs
- Automatic Program and Environment Adaptation
- Noise Reduction
- Impulse Noise Reduction (INR)
- Expansion
- Feedback Canceller (FBC)
- Tinnitus Sound Generator
- Program Change Warning (Voice or Tone)
- Low Battery Warning (Voice or Tone)
- Volume and Program Control
- Datalogging
- Activation Delay
- Sentibo Fitting Formula
- Independent WDRC and EQ Adjustment within the Fitting Grid
- Mobile Control via Hörluchs Remote
- Bluetooth® Control
- Direct Audio Streaming from compatible Apple devices (MFi)
- Direct Audio Streaming from compatible Android devices (ASHA)
- Wireless Ear-to-Ear Pairing and Connectivity

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)

Programming System

Programming is performed exclusively via HörluchsFit4 on iPad.
(Series 10 and above) using a direct Bluetooth® connection. No external programming interface is required.



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