

Technical data specifications

Materials:	Neckband: PA Neckband spring: Steel Earplugs: Silicon Speaker cabinets: Aluminum Nylon strengthened cables: TPE, TPU
Weight:	Headset: 50 grams
Speakers:	16 Ohm
Microphone:	Noise cancelling Neck microphone
Operating temperature:	-40°C to +100°C
Storage temperature:	-20°C to +55°C
Product life:	5 years
CE-Certification	352-2:2020, 352-9:2020

Attenuation Europe

	SNR	H	M	L
Mean	28,9	30,1	26,4	25,1
StD	3,8	4,3	3,8	3,7
Mean-StD rounded	25	26	23	21

Frequency [Hz]	Mean [dB]	StD [dB]	APV
63	24,3	6,3	18,0
125	25,2	5,2	20,0
250	24,7	4,2	20,5
500	25,2	4,5	20,7
1000	26,2	4,3	21,9
2000	32,3	4,6	27,7
4000	30,2	6,1	24,1
8000	41,4	5,8	35,6

Electrical audio input / *Elektrischer Audioeingang*

Maximum allowed input voltage provided by the manufacturer	About -0,4 dBVrms
Criterion input voltage:	-37,0 dBVrms (14,2mVrms)
Sound output level at maximum input voltage:	118,3 dB(A) at -0,4 dBVrms
Usage time for the maximum input voltage that corresponds to an equivalent sound output level of 82dB(A) over 8h	0,00 h
The relationship between sound output level and input signal in 5dB steps from a sound output level ca.70dB(A) up to 115 dB(A)	See tables below

Relationship between sound output level and input signal

SPL dB (A)	70	75	80	85	90	95	100	105	110	115
Input Voltage (dBVrms)	-49,1	-44,0	-39,0	-34,0	-29,0	-24,0	-19,0	-14,0	-9,0	-3,9