

EU TYPE EXAMINATION CERTIFICATE

Product Assessments: Supreme Pro-X LED headband

The product assessments were based on the following standards:

- EN 352-1:2020, hearing protectors - ear-muffs
- EN 352-4:2020, hearing protectors - level-dependent ear-muffs
- EN 352-6:2020, hearing protectors - ear-muffs with safety related audio input
- EN 352-1:2020 - Attenuation values PVC Cushions all models



ATTENUATION DATA

Gel sealing rings

Gel sealing rings						H	M	L	SNR
						29 dB	24 dB	19 dB	27 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	
Mean attenuation, M _f (dB)	17.8	15.8	19.3	23.1	30.6	29.3	36.7	38.0	
Standard Deviation, s _f (dB)	3.2	2.9	3.2	2.3	3.4	2.9	3.3	3.5	
APV (M _f - s _f) (dB)	14.6	12.9	16.1	20.8	27.2	26.4	33.4	34.5	

Foam sealing rings (accessories)

Foam sealing rings <i>(accessories)</i>						H	M	L	SNR
						29 dB	25 dB	19 dB	28 dB
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	
Mean attenuation, M _f (dB)	18.1	15.7	20.1	25.4	30.8	30.1	36.7	36.2	
Standard Deviation, s _f (dB)	3.7	3.8	2.3	2.9	3.5	3.2	2.9	4.0	
APV (M _f - s _f) (dB)	14.4	11.9	17.8	22.4	27.3	26.9	33.8	32.2	

Criterion Levels (dB(A))

Model	H	M	L
Headband version	112	105	94

Earmuff Sizes

Model	Approved sizes
Headband version	S, M, L

ATTENUATION DATA ANSI S3.19-1974

Gel sealing rings

	NRR								
	21 dB								
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	16.8	17.7	23.5	28.1	28.0	34.3	39.1	42.3	39.7
Standard deviation dB(A)	3.0	1.9	2.0	2.6	2.1	2.7	3.1	2.6	2.3

Foam sealing rings (accessories)

	NRR								
	21 dB								
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation dB(A)	15.3	19.3	24.4	29.1	28.6	31.1	34.0	36.1	34.7
Standard deviation dB(A)	3.0	2.1	2.8	2.8	2.4	3.3	3.2	3.3	2.9