

Supreme Pro 3+ Level Dependent Ear Muffs

[Technical Data sheet]



Foldable headband

Key features

- Slim but high noise attenuation cups
- Easy to use push buttons operates the electronic functions
- Level Dependent function that allow you to hear ambient sound like warning signals, moving vehicles and important information and still be protected from hazardous noise
- Amplification of low sounds
- Very natural sound reproduction through the speakers inside the cups
- Sound reproduced through the level dependent function is limited to a maximum of 82 dB
- Automatic switch-off after 4 hours if no button is activated saves battery life
- Low battery warning when approximately 40 hours is left of the battery life
- Audio input (AUX) for connecting external audio sources, such as communication radios
- Lead with 3.5 mm mono jack plug included

Materials

Headband: ABS and stainless spring steel
 Headband padding: Leather
 Cups: ABS

Inserts: Polyether foam
 Sealing cushion: PVC covered PU foam

Technical information

Batteries:	2 x 1.5 V AAA/LR03, estimated operating time is around 600 hours
Level Dependent microphone frequency response:	100 Hz – 10 KHz
Loudspeakers / loudspeaker response:	2 x 32 Ohm / 20 Hz – 20 KHz
Operating conditions:	- 20°C - + 50°C
Max audio signal allowed from the connected radio to not exceed 82 dB(A) through the speakers:	135 mVrms
Weight headband version/neckband version, excl batteries:	338 gram
Complies with following environmental directives:	RoHS, WEEE

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EN Approvals

ATTENUATION DATA

Tested and certified to EN352-1:2002, EN352-4:2001/A1:2005 and EN352-6:2002 by BGIA, Germany (0121).



Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	15.1	14.2	20.0	28.7	32.5	28.1	38.4	38.1
Stand. Deviation, s_f (dB)	3.3	2.9	3.0	3.5	2.2	2.5	2.2	4.3
APV ($M_f - s_f$) (dB)	11.8	11.3	17.0	25.2	30.3	25.6	36.2	33.8

H=29 dB, M=26 dB, L=18 dB, SNR=28 dB

Criterion levels:

	M	L
Criterion Levels [dB(A)]	110	105

Ear muff sizing:

	Approved Sizes
Headband	M, L

EMC tested to EN55022 and EN55024.

Ordering information

Product number	Version	Cup colour	Cushion
SOR75200	Foldable headband, leather cover	Green	Foam
Hygiene kit:			
SOR60089	Hygiene kit foam – 1 pair of foam cushions and 1 pair of inserts		