

left/RIGHT Dual Pro Medium, Headband Ear Muff

[Technical Data sheet]



Part No. 10108385 - blue

Key anatomic features

- Individual ear cups for left and right ear
- Anatomically cups designed to fit the contour of the head
- Large space for the ears inside the cup
- Innovative headband design provides optimal fit and high comfort

Key technical features

- Level Dependent/FM Radio combination ear muff for professional use
- Level Dependent function that allow you to hear ambient sound like warning signals, moving vehicles and important information
- Push-to-listen function enables face to face communication in noisy areas
- FM Radio allowing the wearer to listen to music, news, sports etc while protected to hazardous noise levels
- Individual balance adjustment between Level Dependent and FM radio functions
- Excellent radio reception and superior sound quality
- Sound reproduced through the speakers is suppressed to a maximum of 82 dB
- Easy to use push buttons operates the electronic functions
- Automatic switch-off after 4 hours if no button is activated saves battery life
- Low battery warning
- Audio input, 3.5 mm (AUX) for mp3, communication radios etc

Technical information

Materials

Headband: POM	Height adjustment bushings: TPE	Cushion: PVC covered PU
Headband fork: PA	Push buttons: Silicone	Insert/liner: PE foam
Headband padding: EPDM	Cups: ABS	

Batteries:	2 x 1.5 V AA/LR6, estimated operating time is 100 -1000 hours depending on usage mode and battery quality
Radio frequency range:	88 – 108 MHz
Speaker response:	20 Hz – 20 KHz
Microphone frequency response:	100 Hz – 10 KHz
Operating conditions:	- 20°C - + 50°C
Max audio signal allowed in the Audio input to not exceed 82 dB(A) through the speakers:	1767 mVrms (rms=root mean square of signal strength)
Weight:	330 gram / 11,6 oz excluding batteries
Part No. Hygiene kit:	10094605

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Approvals

EN APPROVALS

Tested and certified to EN352-1:2002, EN352-4:2001, EN352-6:2002 and EN352-8:2008 by FIOH, Finland (0403). Certificate number: 29233VPS01.



Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	13.8	10.5	16.4	25.4	32.8	30.5	39.6	37.7
Stand. Deviation, s_f (dB)	3.7	2.6	2.5	2.5	1.8	2.3	2.3	3.0
APV ($M_f - s_f$) (dB)	10.1	7.9	13.9	22.9	31.0	28.2	37.3	34.7

H=31 dB, M=24 dB, L=15 dB, SNR=27 dB

Criterion levels:

	H	M	L
Criterion Levels (dB)	112	105	101

Ear muff sizing:

	Approved Sizes
Headband	S, M, L