

left/RIGHT CutOff Pro Medium, Helmet Mounted Ear Muff

[Technical Data sheet]



Part No. 10111823 – yellow, adapter type 60614
 Part No. 10111822 – yellow, adapter type 60602
 Part No. 10111790 – yellow, adapter type 60601
 Part No. 10111821 – yellow, adapter type 60601A

Part No. 10111826 – blue, adapter type 60614
 Part No. 10111825 – blue, adapter type 60602
 Part No. 10108384 – blue, adapter type 60601
 Part No. 10111824 – blue, adapter type 60601A

Key anatomic features

- Individual ear cups for left and right ear
- Large space for the ears inside the cup
- Anatomically cups designed to fit the contour of the head
- Unique steel spring helmet attachment system enables three firm cup positions and ease of handling also when wearing gloves

Key technical features

- Level Dependent function that allow you to hear ambient sound like warning signals, moving vehicles and important information
- Enables face to face communication in noisy areas
- 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

Cup supporting arm: PA	Height adjustment bushings: TPE	Cushion: PVC covered PU
Spring bracket: PA	Push buttons: Silicone	Insert/liner: PE foam
Spring cover: TPE	Cups: ABS	

Batteries:	2 x 1.5 V AA/LR6, estimated operating time is around 1000 hours depending on usage and battery quality
Microphone frequency response:	100 Hz – 10 KHz
Speaker response:	20 Hz – 20 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:	342 gram / 12 oz excluding batteries
Part No. Hygiene kit:	10094605

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Approvals

EN APPROVALS

Tested and certified to EN352-3:2002, EN352-4:2001 and EN352-6:2002 by FIOH, Finland (0403). Certificate number: 29591HKS02.



Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, M_f (dB)	11.7	12.9	16.7	24.7	31.8	30.8	40.1	35.1
Stand. Deviation, s_f (dB)	3.1	2.7	2.1	3.3	2.4	2.4	2.5	3.1
APV ($M_f - s_f$) (dB)	8.6	10.2	14.6	21.4	29.4	28.4	37.6	32.0

H=31 dB, M=24 dB, L=16 dB, SNR=27 dB

Criterion Levels:

	H	M	L
Criterion Levels (dB)	112	105	101

Approved helmet combinations:

Helmet brand	Adapter Type	Size	Helmet brand	Adapter Type	Size
MSA V-Gard	60614	S,M,L	Iris II	60601 & 60602	S,M,L
MSA V-Gard 200	60601	S,M,L	Protector Style 600	60602	S,M,L
MSA V-Gard 500	60614	S,M,L	Protector Style 300	60601	S,M,L
Balance AC	60601	S,M,L	Peltor G2000	60601	S,M,L
Balance HD	60601	S,M,L	Peltor G3000	60602	S,M,L

Adapter Type 60601A is designed to fit helmets available on the Australian and New Zealand market.