

# left/RIGHT Dual Pro Medium, Helmet Mounted Ear Muff

## [ Technical Data sheet ]



Part No. 10111832 – blue, adapter type 60614  
 Part No. 10111831 – blue, adapter type 60602  
 Part No. 10108386 – blue, adapter type 60601  
 Part No. 10111830 – 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/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

Cup supporting arm: PA  
 Spring bracket: PA  
 Spring cover: TPE

Height adjustment bushings: TPE  
 Push buttons: Silicone  
 Cups: ABS

Cushion: PVC covered PU  
 Insert/liner: PE foam

#### 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

#### 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:

350 gram / 12,3 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, EN352-6:2002 and EN352-8:2008 by FIOH, Finland (0403). Certificate number: 29413HKS02.



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.