

# left/RIGHT Passives, Helmet Mounted Ear Muffs

## [ Technical Data Sheet ]

### Key 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
- Thin and flexible noise reduction rings
- 3 versions: LOW; MEDIUM; HIGH attenuation, all available in 4 colours
- Unique steel spring helmet attachment system enables 4 reliable cup positions: working, standby, parked and storage  
Easy switching also when wearing gloves
- Communicate in the stand-by-position without being disturbed by echo effects



### Technical information / Ordering information

#### Materials:

Cup supporting arm; Spring bracket: PA  
Spring: Stainless Steel  
Height adjustment bushings; Spring cover: TPE  
Cups: ABS  
Cushion: PVC covered PU  
Insert/liner: PE foam

Ear muffs (20 pcs/box)	Yellow	Blue	White	Grey	Weight
<b>LOW</b> (SNR 25 dB)	10087437	10087438	10087439	10101995	212 gr
<b>MEDIUM</b> (SNR 28 dB)	10087428	10087429	10087430	10101996	254 gr
<b>HIGH</b> (SNR 31 dB)	10087422	10087423	10087424	10101997	336 gr

\*Fits V-Gard, V-Gard 500 helmets

**Part No. Hygiene kit:** LOW: 10092878; MEDIUM: 10092879; HIGH: 10092880

### Approvals

Tested and certified to EN352-3:2002 by FIOH, Finland (0403). Certificate number: 27214IDS01.

**LOW** H=27 dB, M=22 dB, L=15 dB, SNR=25 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	10,7	10,6	15,6	22,9	30,3	27,5	31,3	33,0
Stand. Deviation, $s_f$ (dB)	2,9	1,8	3,6	1,8	3,0	3,0	1,9	3,0
APV ( $M_f - s_f$ ) (dB)	7,8	8,8	12,0	21,1	27,2	24,4	29,4	30,0

**MEDIUM** H=29 dB, M=25 dB, L=17 dB, SNR=28 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	13,4	13,8	18,8	26,9	34,1	30,9	33,6	37,8
Stand. Deviation, $s_f$ (dB)	4,1	3,0	3,2	2,1	2,9	4,3	2,5	2,9
APV ( $M_f - s_f$ ) (dB)	9,3	10,8	15,6	24,8	31,1	26,6	31,1	35,0

**HIGH** H=32 dB, M=28 dB, L=21 dB, SNR=31 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean attenuation, $M_f$ (dB)	15,6	16,8	22,1	29,9	35,9	34,1	35,4	39,3
Stand. Deviation, $s_f$ (dB)	4,1	3,0	2,6	2,7	3,0	4,2	2,5	3,5
APV ( $M_f - s_f$ ) (dB)	11,4	13,8	19,5	27,2	33,0	29,9	32,9	35,7

#### 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