Supreme Basic Level Dependent Ear Muffs

[Technical Data sheet **]**

Foldable headband	**Foldable headband, with audio input**

Key features

- Slim cup design
- 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
- 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
- No amplification of ambient sound, max ratio is 1:1
- Version available with audio input (AUX) for connecting external audio sources, such as communication radios
- Lead with 3.5 mm mono jack plug included with product SOR75301

Materials

Headband: ABS and stainless spring steel
Headband padding:
50% cotton, 20% polyester, 30% polyurethane

Cups: ABS
Inserts: Polyether foam
Sealing cushion: PVC covered PU foam

Technical information

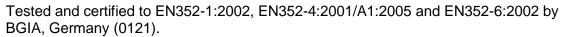|	
Batteries:	2 x 1.5 V AAA/LR03, estimated operating time is around 150 hours
Level Dependent microphone frequency response:	100 Hz – 10 KHz
Loudspeakers / loudspeaker response:	2 x 32 Ohm / 20 Hz – 20 KHz
Operating conditions:	- 20°C - + 50°C
Max audio signal allowed from the connected radio to not exceed 82 dB(A) through the speakers:	399 mVrms
Weight headband version/neckband version, excl batteries:	310 gram
Complies with following environmental directives:	RoHS, WEEE

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MSA
The Safety Company

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)	14.5	13.5	15.5	23.7	24.1	30.4	36.6	38.6
Stand. Deviation, s_f (dB)	2.8	3.2	1.9	3.9	2.7	3.2	4.4	4.2
APV (M_f - s_f) (dB)	11.7	10.3	13.6	19.8	21.4	27.2	32.2	34.4

H=28 dB, M=21 dB, L=16 dB, SNR=25 dB

Criterion levels:

	H	M	L
Criterion Levels [dB(A)]	114	107	95

Ear muff sizing:

	Approved Sizes
Headband	M, L

EMC tested to EN55022 and EN55024.

Ordering information

Product number	Version	Cup colour	Cushion
SOR75300	Foldable headband	Green	Foam
SOR75301	Foldable headband, with audio input	Green	Foam
Hygiene kit:			
SOR60089	Hygiene kit foam – 1 pair of foam cushions and 1 pair of inserts		