

# IMPACT<sup>®</sup> SPORT EARMUFF

## OVERVIEW

Product Type	Hearing Protection
Range	Active Earmuff
Line	Sound Management Earmuffs
Product Use	Headband Earmuff
Brand	Howard Leight by Honeywell
Industry	Industry • Administration • Agriculture • Army - Defense • Automotive and Part Manufacturer • Aviation • Building and Construction • Catering • Chemical Industries • Energy or Electricity • Fire Protection Brigades • Fishing • Food Industries • Foundry • Glass Industries • Green Spaces • Homeland Defense • Industrial Cleaning • Iron and Steel Industry • Laboratory • Logistics • Maintenance • Medical and Pharmaceutical • Metal Steel • Mining and Quarrying • Offshore • Paper Industries • CPetro-chemical • Printing Industries • Services • Ship Building • Telecoms • Textile Industries • Transportation • Utilities • Water Treatment • Welding • Wood Industries



Product Number: 1013530

## FEATURES AND BENEFITS

- Block impact noise to a safe level – Impact Sport blocks impact noise from gun shots and heavy impact noise machines
- Amplifies ambient sound to avoid isolation – Impact Sport's patented sound amplification enhances the wearer's awareness of their environment by amplifying ambient sounds, enabling them to hear important communication (co-workers, alarms/warning signals.)
- Sound amplification volume does not exceed 82 dB – response technology reverts to passive hearing protector when noise reaches 82 dB
- Slim cup design
- When in position of shooting, directionally-placed stereo microphones provide more natural hearing
- Ideal for hearing-impaired workers
- Air flow control™ technology – Honeywell's patented Air Flow Control technology delivers optimal attenuation across all frequencies, without increasing earcup size or weight
- A patented baseplate chamber and high-tech non-woven layer manage the flow of air inside the earmuff to control how sound reaches the ear. The result is better, more consistent overall attenuation for virtually all industrial noise environments. Air Flow Control is a standard feature on all Impact-series earmuffs
- Snap-in ear cushions make replacement quick and easy

The Impact Sport earmuff blocks harmful impact noise while enhancing user awareness of their environment through advanced sound amplification technology. Impact Sport enables wearers to hear important communication – other co-workers, alarms and warning signals – at a safely-amplified level.

**Honeywell**  
HOWARD  
LEIGHT

TECHNICAL DESCRIPTION			
SNR (DB)	24	BATTERIES NEEDED	2AA
H (DB)	28	HEADBAND STYLE	Folding
M (DB)	21	SOUND AMPLIFICATION	Yes
L (DB)	16	AM/FM RADIO	No
EARMUFF CONSTRUCTION	Metal	AUTOMATIC SHUT-OFF FUNCTION	Yes
DIELECTRIC	No	AUDIO INPUT JACK	Yes
COLOR	Black Headband and Dark Green Cups	HI-VISIBILITY	No

ATTENUATION DATA ACCORDING TO EN 352-1: 2020								
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15.4	14.1	17.5	21.4	26.9	30.1	34.6	34.9
Standard Deviation (dB)	2.7	3.8	3.0	3.6	4.1	3.4	4.1	4.3
Assumed Protection (dB)	12.7	10.3	14.5	17.8	22.8	26.6	30.5	30.7

SNR <sub>m</sub> =	27.0	H <sub>m</sub> =	30.5	M <sub>m</sub> =	24.4	L <sub>m</sub> =	19.4
SNR <sub>s</sub> =	2.7	H <sub>s</sub> =	2.8	M <sub>s</sub> =	2.9	L <sub>s</sub> =	3.0
SNR =	24	H =	28	M =	21	L =	16

EN 352-4:2020	H =	110.6 dB(A)	M =	103.3 dB(A)	L =	N/A	
Criterion levels Sound pressure level of external noise for which the sound pressure level under the earmuffs first exceeds 85 dB(A)							
EN 352-68:2020							
Criterion levels	= -10.2 dBV (309 mV)						

For more Information  
 automation.honeywell.com

For Information on Innovations and Patents  
 hsmpts.com

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