

PORTWEST

CE 2797

CE 0086

EN 352:3:2002



MANUFACTURER

Portwest, Westport, County Mayo, Ireland

Name & Address of the Notified Body having issue EC certificate:

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Notified body responsible for the ongoing conformity under MODULE C2

BSI GROUP The Netherlands B.V. - Notified Body No.2797

BSI GROUP - Notified Body No.0086

EN HEARING PROTECTORS: HELMET MOUNTED EAR MUFFS

USER INFORMATION

ALL THESE PRODUCTS COMPLY WITH THE REQUIREMENTS OF REGULATION (EU 2016/425) AND THE GENERAL REQUIREMENTS OF THE STANDARD EN352-3:2002

These ear protectors are designed to protect the wearer against harmful noises and must be worn at all times in noisy environments (noise levels above 80dB) and must be chosen according to their attenuation factors in relation to the ambient noise to be reduced (see performances). Ensure that they are correctly fitted, adjusted, maintained and inspected in accordance with these instructions. If these instructions are not complied with, the protection provided by the ear defender will be considerably reduced. The helmet-mounted ear muffs are regularly inspected for serviceability.

Warning, if these instructions are not adhered to, the protection afforded by the ear-muffs will be severely impaired. Be warned that spectacle frames and hair between the ear pads and the head can also affect the performance of the ear defenders.

SIZES

PW42/PS42: THESE HELMET MOUNTED EAR-MUFFS ARE OF MEDIUM, LARGE SIZE RANGE.

Helmet mounted ear-muffs complying with EN 352-3 are of large size range, Medium size range or Small size range. Medium size range helmet mounted ear-muffs will fit the majority of wearers. Large size range and small size range helmet mounted ear-muffs are designed to fit wearers for whom medium size range helmet mounted ear-muffs are not suitable.

PW42/PS42 earmuffs should only be mounted and used on industrial protective helmets PW50, PW51 and PW57.

MOUNTING THE EARMUFFS ON THE HELMET (SEE DIAGRAMS) :

- 1 – Place the (ear) cups on the lowest slot of the headgear assembly.
- 2 – Clip (ear cups facing up) the adapters on both sides of the helmet into the slots provided (the cups can be fitted on either the left or right sides).
- 3 – Pivot the articulated arm downwards.
- 4 – Gently fold down the cups over the ears.
- 5 – Slide the cups to position the ear defenders perfectly.

WEIGHT AND COMPOSITION:

PW42/PS42: Cups HIPS / Cushion: PVC / Cup supporting arms: Stainless steel. Mean mass of the ear muffs = 271gr

No spare parts available.

STORAGE AND MAINTENANCE:

Put the ear defenders away after use in a cool, dry place, out of the light and protected from frost. When not used, store in the original packaging.

This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer.

Clean & disinfect with warm soapy water cup, cushion & headband & dried with soft cloth. Never use solvents, abrasive or noxious products.

In normal conditions of use, these ear defenders will remain effective for 2 to 3 years after their initial use. Ear-muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage, for example. If any damage is found, throw the ear defenders away.

The fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs.

These ear defenders can cause allergic reactions in sensitive subjects, and if such a situation occurs, leave the noisy environment and remove the ear defenders.

PERFORMANCE – ACOUSTIC ATTENUATION (in dB): (See tables enclosed)

OTH = Fitted over the head SNR = Single Number Rating / A = Frequency (Hz) B = Mean Attenuation (dB) / C = Standard deviation (dB) / D = Effective protection (dB)

Attenuation in dB : L = Low frequencies (bass) / M = Medium frequencies / H = High frequencies

Download declaration of conformity @ www.portwest.com/declarations

PERFORMANCES - SOUND ATTENUATION - EN 352-3:2002

PW42/PS42								
A Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
B Mean Attenuation (dB)	12.4	14.4	17.9	27.3	34.1	34.8	32.8	32.3
C Standard Deviation (dB)	5.2	4.9	4.5	4.2	4.2	4.5	4.6	6.4
D Assumed Protection (dB)	7.2	9.4	13.4	23.1	29.9	30.4	28.2	26.0

SNR 25.9dB H:29.3dB M: 23.8dB L: 15.5dB

PERFORMANCES - SOUND ATTENUATION - ANSI S.19-1974

PW42/PS42									
A Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
B Mean Attenuation (dB)	147.4	20.2	28.0	37.5	34.1	34.6	36.4	35.3	35.0
C Standard Deviation (dB)	3.1	3.7	3.9	3.8	3.5	3.3	4.0	4.1	4.5

NRR (NOISE REDUCTION RATING) = 22dB

ANSI TESTING: Michael & Associates, Inc 246 Woodland Drive, State College, PA 16803

