



INSTRUCTIONS FOR USE OF EAR MUFF

Type: ☐ QED27 ☐ QED31 ☐ QED33

By **BEESWIFT**

Application: When worn properly and given adequate care, it provides excellent protection that filters high frequency noise, which is found in most noise problems from dynamic machines such as workshop equipment, motor saws etc.

Requirements: This hearing protector complies with the requirements of the European Regulation (EU) 2016/425 by means of the European Standard EN352-1-2002 "Hearing protectors – general requirements – Part 1: Ear-muff"

Mark: The appropriate marking * can be found on the cups.

*CE mark was issued by the notified body

QED27 (INSPEC)

QED31 (INSPEC)

QED33 (INSPEC)

Headband adjustment above the head use:

Use: 1. Extend headband to maximum "open" position and place the cups over the ears with the headband passing over the head.

2. Settle the headband in position on the head while adjusting the height of the ear cups until they feel comfortable and the headband rests on top of the head to support the muffs.

3. The ear cushions should be a snug fit against the head.

4. Adjust the headband & ear cups to ensure the effective noise seal.

Warning: 1. These ear-muffs belong to the "range of small", "medium" and "large" sizes". The ear-muffs belonging to the "range of medium sizes" are suitable for most people. The ear muffs belonging to the "range of small/large sizes" are designed to suit people whose ear-muffs belonging to the "range of medium sizes" are not suitable.

2. The ear-muff should be regularly checked for serviceability. Put the ear-muffs on before exposing to noise, and wear them during the whole noise exposure.

Be warned that failure to adhere to these recommendations will cause the protection afforded by the earmuffs to be severely impaired. The earmuff shall be fitted, adjusted and maintained in accordance with the manufacturer's instructions.

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

4. Ear-muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and deterioration. Replace ear-muffs after 2-3 years of normal use, or sooner if they show any signs of deterioration.

5. The fitting of hygiene covers to the cushions may affect the acoustic performance of ear-muffs.

6. User should permanently wear the headband ear-muff in a noisy environment.

Replacement: In order to keep the best product features and avoid any material change in quality, please replace the whole product at least every 2-3 years. Do not replace any part by yourself; it might reduce the protective feature of the product- even destroy its overall structure. For any other information please contact the manufacturer. Spare cushions for the QED ear defender are **NOT AVAILABLE**. If the QED ear defender is damaged in any way you will need to replace the whole product.

Attenuation values:

QED27 O-T-H weight: 187g

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15.6	16.6	28.5	36.5	34.6	37.5	35.2
Standard Deviation (dB)	4.4	3.5	3.7	3.7	3.8	2.4	3.1
APV (dB)	11.2	13.1	24.8	32.8	30.8	35.1	32.1
H (dB)	33	M (dB)	25	L (dB)	16	SNR	27

QED31 O-T-H weight: 218g

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.1	21.5	30.7	35.3	34.8	42.9	42
Standard Deviation (dB)	3.9	2.8	3.6	3.7	2.7	2.9	3.3
APV (dB)	13.2	18.7	27.0	31.6	32.1	40.1	38.7
H (dB)	35	M (dB)	28	L (dB)	20	SNR	31

QED33 O-T-H weight: 277g

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19.9	24.6	32.8	36.4	33.6	41.5	42.9
Standard Deviation (dB)	4.1	2.6	2.7	3.6	3.2	2.7	3.8
APV (dB)	15.8	22.1	30.1	32.8	30.4	38.8	39.1
H (dB)	33	M (dB)	30	L (dB)	23	SNR	33

Cleaning: Clean with warm soapy water; do not use organic solvents or alcohol for cleaning.

Disinfection: 1. it's required to disinfect the ear-muff every 3 months, according to its use.

2. Any part of the ear muff which is in contact with the wearer must be disinfected with a product suitable for use (ex. natural soap water) on plastics and not known to be harmful to the wearer.

Material: ABS headband and cup, PVC skin, foam PE cushion, foam PE cup padding.

Storage: 1. When not in use, it is recommended to store the ear-muff in a clean and dry polybag.

2. For models equipped with PVC leather headband, it is not advisable to store the products in a temperature higher than 45°C. The environmentally friendly material used for the PVC leather will have a qualitative change under excessive high temperatures, either in transportation or storage over time.

Authorised Representative: Beeswift Ltd, West Wing, Delta House, Delta Point, Greets Green Road, West Bromwich, West Midlands, B70 9PL

QED27/QED31/QED33

This product contains the phthalate plasticiser DEHP (DOP) which has been identified under the REACH regulation as a Substance of Very High Concern and may be found in a concentration greater than 0.1%. This information should be made available to customers on request to ensure the appropriate safety steps can be taken by the user.

Notified body: INSPEC INTERNATIONAL LIMITED (N.B. #0194)

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Declarations of conformity can be found at www.beeswift.co.uk