



GB Instructions for Use:

Product Model: L1, M2, H5: ear muffs with adjustable padded headband; F3: ear muffs with folding headband (metal free); N4: ear muffs with adjustable head strap suitable for use with safety helmet.

ALPHA SOTA ear defenders must be worn properly to provide effective protection. Following the fitting instructions below and contact the manufacturer if necessary. It is recommended that the wearer ensures that:

- The ear defenders are fitted, adjusted and maintained in accordance with the manufacturer's instructions.

- The ear defenders are worn at all times except when exposed to hazardous noise.

Loud noise in the workplace can be very damaging to hearing and it usually happens gradually, so that employees are not aware of the dangers until they have already developed permanent hearing loss. As well as gradual hearing loss, there is also hearing loss that results in sudden and extremely loud noises. These ear defenders help reduce exposure to hazardous noise and other loud sounds.

Warning: Should these recommendations not be followed, the protection afforded by the ear defender will be severely impaired. This product may be adversely affected by chemical substances. Further information should be sought from the manufacturer. Ear muffs in particular cushions, may deteriorate with use and should be replaced at frequent intervals for cracking and leakage, for example. The fitting of hygiene covers to the cushions may affect the acoustic performance of the ear muffs.

Fitting Instructions: Model No.: L1, M2, H5, F3

Check the product for any damage before use. If damaged, please dispose and use a new one. Before putting the ear defenders on, push any hair that normally covers the ear to one side and removes any earnings which may compromise the seal around the ear.

Storage and Maintenance: Before and after always keep the ear defender in its original packaging and in a dry, clean, uncontaminated environment. To avoid potential damage, ensure the earpiece pads are not pressed together during storage. Regularly inspect the ear defender for signs of damage and deterioration. If any damage is detected, do not use. If the ear defender becomes dirty, clean it with a damp cloth and warm soapy water. Allow to dry before subsequent use. Do not use any chemicals to clean this product. The earmuffs can be cleaned used a damp cloth and warm soapy water. Allow to dry before subsequent use. Do not use any abrasive brushes or other products which may damage the product's sound attenuation and seal. Please only use cleaning products which are not harmful to humans. Certain chemicals may negatively affect the product. Further information on this subject can be obtained from the manufacturer.

Limitations: The single noise rating (SNR) quoted for these products is based upon the attenuation of continuous noise and these ear-defenders may not be suitable for:

- Interruption or impulsive noise environments where there is a need for a higher level of sound protection.

Materials:

(Modelos L1, M2, H5) (Modèles L1, M2, H5)

Kopfhörerkissen: Mit PVC-Tuch + Gewebe umspannter Schaum Kopfbügel-Verbindungsstück: Acrylnitril-Butadien-Styrol (ABS)

Draht: Verchromter Stahl Clip: Acrylnitril-Butadien-Styrol (ABS)

KAPSEL: Acrylnitril-Butadien-Styrol (ABS) (mit Schaum innen)

Kapselkissen: Mit PVC-Tuch umspannter Schaum

Ring: Acrylnitril-Butadien-Styrol (ABS)

(N4)

Headband: Nylon Wire cover: PVC

Wire: Stainless steel Clip: ABS

CUP: ABS (with foam inside)

Cup cushion: Foam covered with PVC cloth

Ring: ABS

(F3)

Headband: ABS

Headband cushion: Foamed covered with PVC cloth

Adjustable parts: ABS

CUP: ABS (with foam inside)

Cup cushion: Foam covered with PVC cloth

Ring: ABS

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 13.0, 12.1, 20.5, 29.5, 34.5, 37.7, 33.8

Standard Deviation (dB): 3.4, 2.8, 2.8, 3.9, 3.3, 3.0, 3.7

Assumed Protection (dB): 9.6, 9.3, 17.7, 25.6, 31.2, 34.7, 30.1

Mittleres Gewicht: 176g Mean Mass: 176g

(M2)

SNR = 33dB H = 36dB M = 30dB L = 22dB

Mean Mass: 20g

(H5)

SNR = 34dB H = 36dB M = 32dB L = 24dB

Mean Mass: 277g

(N4)

SNR = 32dB H = 36dB M = 30dB L = 22dB

Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.3, 20.7, 30.2, 37.0, 36.7, 40.6, 39.1

Standard Deviation (dB): 3.6, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.4, 19.2, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 199g Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.1, 21.1, 31.4, 37.7, 35.9, 38.4, 39.4

Standard Deviation (dB): 3.6, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 277g Mean Mass: 277g

(M2)

SNR = 33dB H = 36dB M = 30dB L = 22dB

Mean Mass: 20g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.3, 20.7, 30.2, 37.0, 36.7, 40.6, 39.1

Standard Deviation (dB): 3.6, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.4, 19.2, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 20g Mean Mass: 20g

(H5)

SNR = 34dB H = 36dB M = 32dB L = 24dB

Mean Mass: 277g

(N4)

SNR = 32dB H = 36dB M = 30dB L = 22dB

Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.1, 21.1, 31.4, 37.5, 35.9, 38.4, 39.4

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 199g Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37.4, 35.8, 38.3, 39.3

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 199g Mean Mass: 199g

(M2)

SNR = 33dB H = 36dB M = 30dB L = 22dB

Mean Mass: 20g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37.4, 35.8, 38.3, 39.3

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 20g Mean Mass: 20g

(H5)

SNR = 34dB H = 36dB M = 32dB L = 24dB

Mean Mass: 277g

(N4)

SNR = 32dB H = 36dB M = 30dB L = 22dB

Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37.4, 35.8, 38.3, 39.3

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 199g Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37.4, 35.8, 38.3, 39.3

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 199g Mean Mass: 199g

(M2)

SNR = 33dB H = 36dB M = 30dB L = 22dB

Mean Mass: 20g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37.4, 35.8, 38.3, 39.3

Standard Deviation (dB): 3.2, 2.2, 3.1, 3.6, 3.2, 2.7, 2.7

Assumed Protection (dB): 15.0, 19.3, 21.1, 37.8, 33.7, 37.1, 39.0

Mittleres Gewicht: 20g Mean Mass: 20g

(H5)

SNR = 34dB H = 36dB M = 32dB L = 24dB

Mean Mass: 277g

(N4)

SNR = 32dB H = 36dB M = 30dB L = 22dB

Mean Mass: 199g

(F3)

Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000

Mean Attenuation (dB): 18.0, 21.0, 31.3, 37

