ALPHA SOTA L1

LOW ATTENUATION EAR DEFENDER

A low profile, lightweight ear defender with low attenuation, ideal for protection between 80 – 85DB. The L1 model features soft ear cushions and a flexible padded headband. Fully adjustable to provide a comfortable fit for most head sizes.

FEATURES

- SNR23
- Low profile cup design
- Large ear cushions allow freedom to fit majority of ears for a comfortable fit
- Padded, durable headband provides lasting comfort
- Very low attenuation ideal for protection at the first action level
- Blue in colour making them ideal for food environment
- Approved to EN352-1: 2002



ORDERING INFORMATION

Part Number: L1

Packaging: 1 Ear Defender per box
20 boxes per case

Certification: EN352-1: 2002

SUITABLE APPLICATIONS

An effective solution for those exposed to lower noise levels where hearing protection should be worn. Typical industries include;

- **Around Moving Machinery**
- **Building Sites**
- **Craft Work**
- **Engineering**
- **Food Processing**
- **Hand Drills**
- **Iron Processing**
- **Utilities and Highway Maintenance**
- **Oil and Gas**
- **Transportation**

ALPHA SOLWAY

ALPHA SOTA L1

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TECHNICAL SPECIFICATIONS

ATTENUATION DATA

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

L1 EAR DEFENDERS
SNR = 23dB H = 30dB M = 20dB L = 13dB

MATERIALS

Component	Material
Headband Cushion	Foam covered with PVC cloth & woven cloth
Headband Connector	ABS
Wire	Steel with chrome plated
Clip	ABS
Cup	ABS (with foam inside)
Cup Cushion	Foam covered with PVC cloth
Ring	ABS

Assumed Protection rounded to one decimal place

Results of tests performed in accordance with the standard BS EN352-1: 2002.

CERTIFICATION

EU Certification according to Regulation (EU) 2016/425 issued by: SATRA Technology Europe Limited, Bracetown Business Park, Clonee D15 YN2P, Republic of Ireland. [N.B. No.2777].

STORAGE & MAINTENANCE

Before use, 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 potential loss of sound attenuation. This product may be cleaned using a damp cloth and mild soapy water but not with chemicals. Allow to dry before use. Do not use abrasive cloths or brushes which may cause damage upon contact with any surface of the product. Further information can be obtained from the manufacturer.

ALPHA-DATA-L1-0720_2

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