



soundshield™ VOICE

HEARING PROTECTION FOR HEADSET USERS

SOUNDSHIELD EVOLUTION

Created by Polaris, Soundshield is the world's first acoustic safety device for headset users.

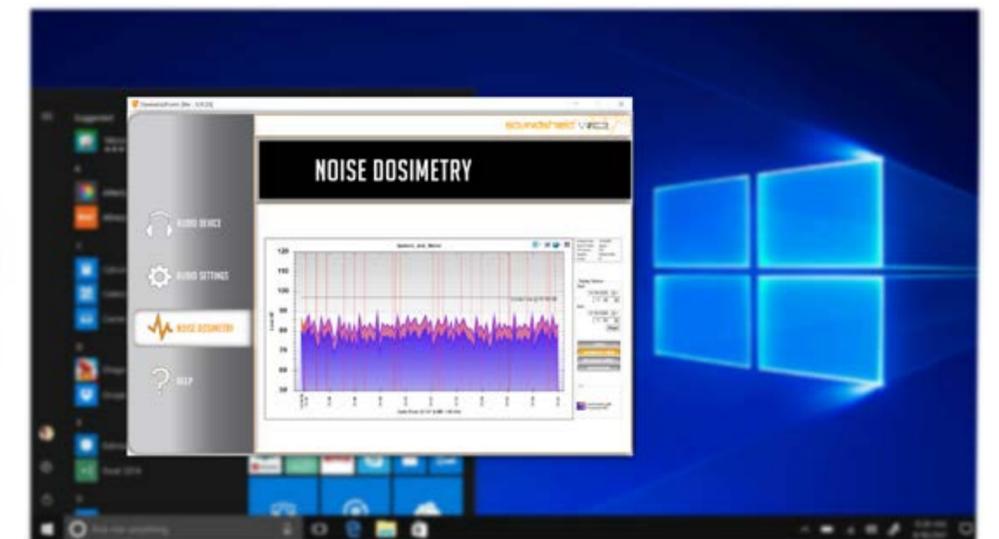
Developed and designed in Australia to eliminate acoustic shock occurrences in contact centres, Soundshield has become the world's leading acoustic safety solution.

Polaris collaborated with the best all-Australian design team to research, develop and design the new Soundshield products in the early 1990s.

Both the Soundshield Wireless and Soundshield 4G have received numerous local and international industry product and design awards.

Polaris worked in partnership with leaders of the contact centre industry identifying user needs, and continually refining the ground-breaking Soundshield solution.

The Soundshield product has evolved through many generations of development, with Soundshield Voice our first software version of the product.



ACOUSTIC SAFETY SOFTWARE



Polaris Soundshield Voice software provides unsurpassed acoustic safety whilst enhancing sound clarity for all headset users.

- Provides exceptional audio quality and intelligibility
- Controls noise exposure, preventing long term hearing loss
- Includes shriek rejection technology which rejects any sudden and unexpected high-pitched sounds
- Captures sound data for analysis
- Provides Noise Dosimetry reporting
- Compatible with all leading softphone platforms
- Includes full-service support



Crystal-clear
Audio



Enterprise
Grade



Leading
Headsets



Noise Dosimetry
Analytics



Windows
10 OS

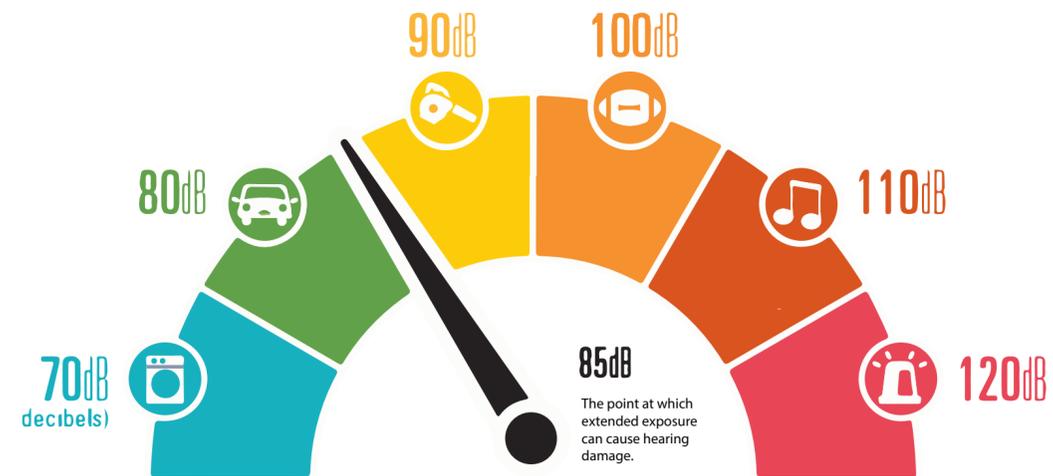


Shriek
Rejection

HEADSETS AND HEARING LOSS (UNDERSTANDING G616)

Limiting the incoming audio volume and reducing noise exposure, helps to preserve long-term hearing. However, this does not protect the headset user from an acoustic shock injury.

Current industry regulations regarding the prevention of acoustic shock injury are confusing and misleading because they do not address the issue adequately.



The Australian Communications Industry Forum (ACIF) G616:2013 Acoustic Safety for Telephone Equipment Guidelines recommends a headset output limit of 102dB.

However, limiting sound output does nothing to prevent acoustic shock injury. Acoustic shrieks can, and do, happen at low volumes because acoustic shock is a nervous system response to a 'sudden and unexpected' sound.

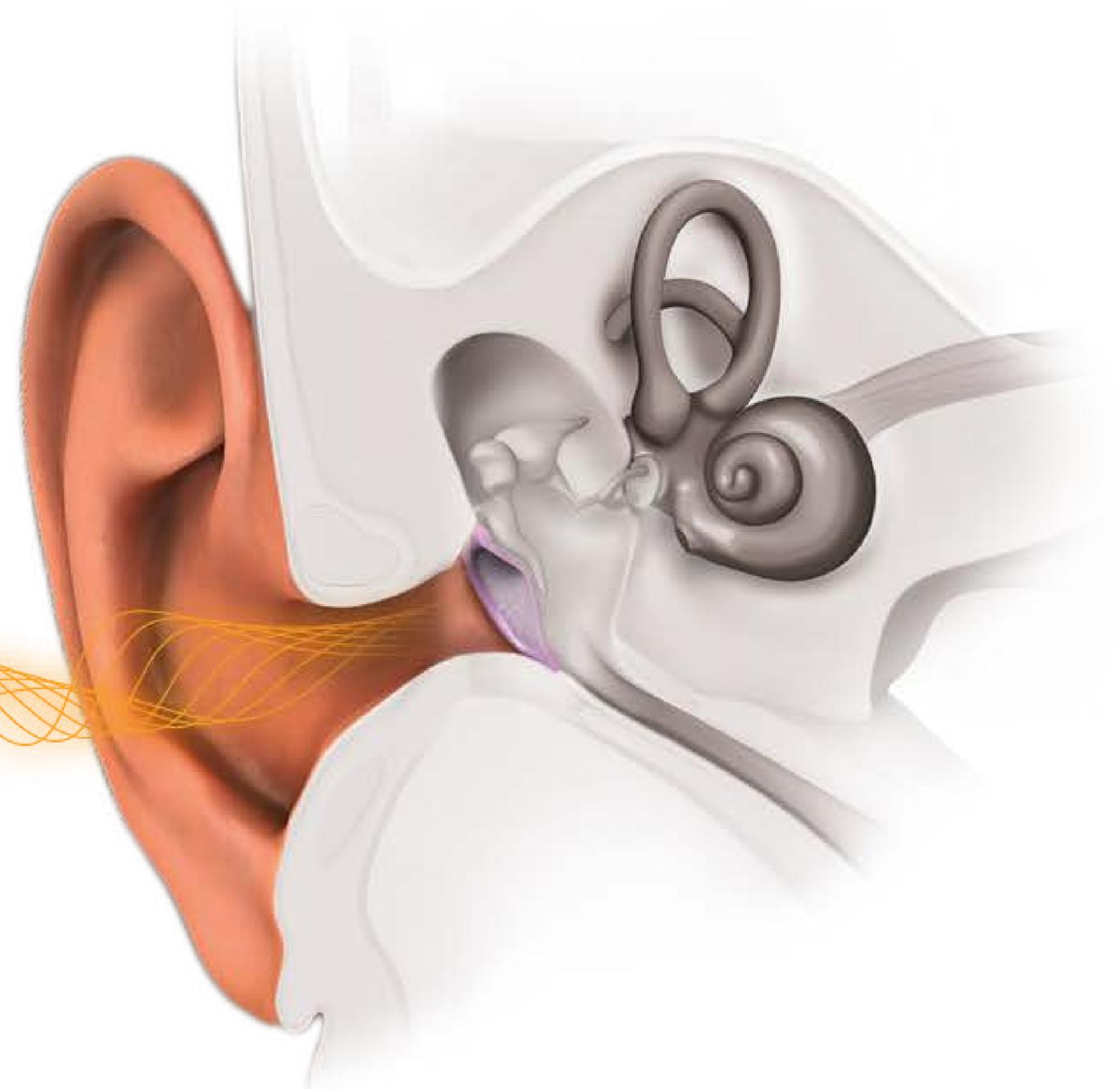


SOUNDSHIELD TECHNOLOGY

Soundshield Voice provides total shriek rejection, protecting headset users from any sudden, loud, high pitched noises that could cause immediate acoustic injury.

Soundshield can detect and remove any shrieks in less than 30 milliseconds, an average human takes about 100 milliseconds to blink.

The only software using Digital Signal Processing technology, Soundshield features unique shriek rejection software that is able to detect and reject up to two simultaneous acoustic shrieks within just 16 to 32 milliseconds, without affecting surrounding speech quality of the call.



Health & Safety



Contact Centres



Training / Education



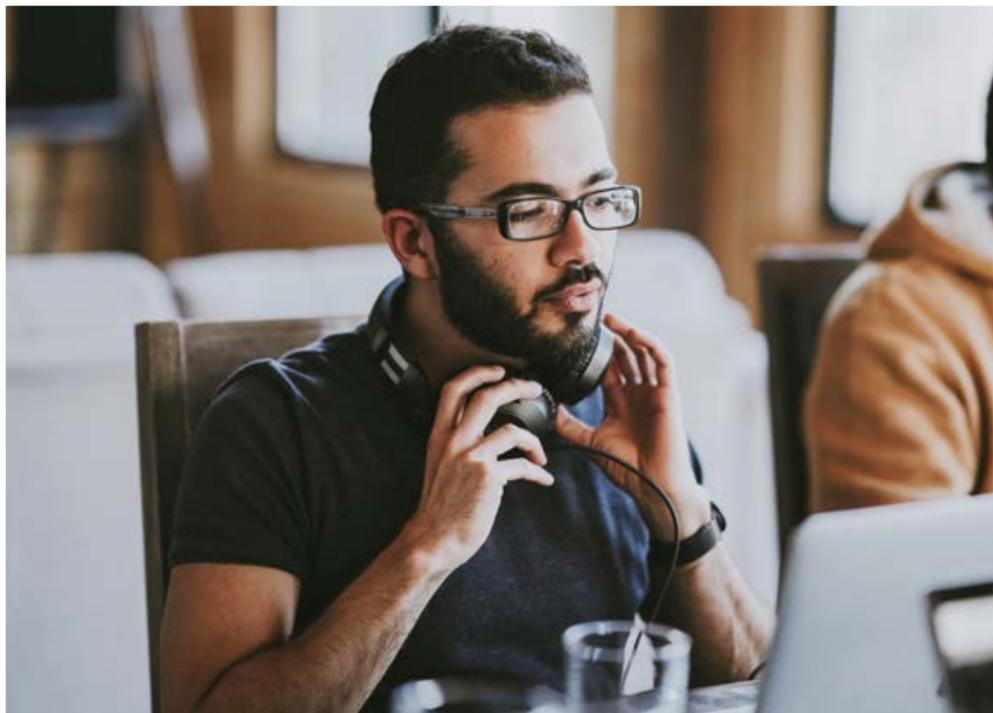
Business Grade



Remote Work

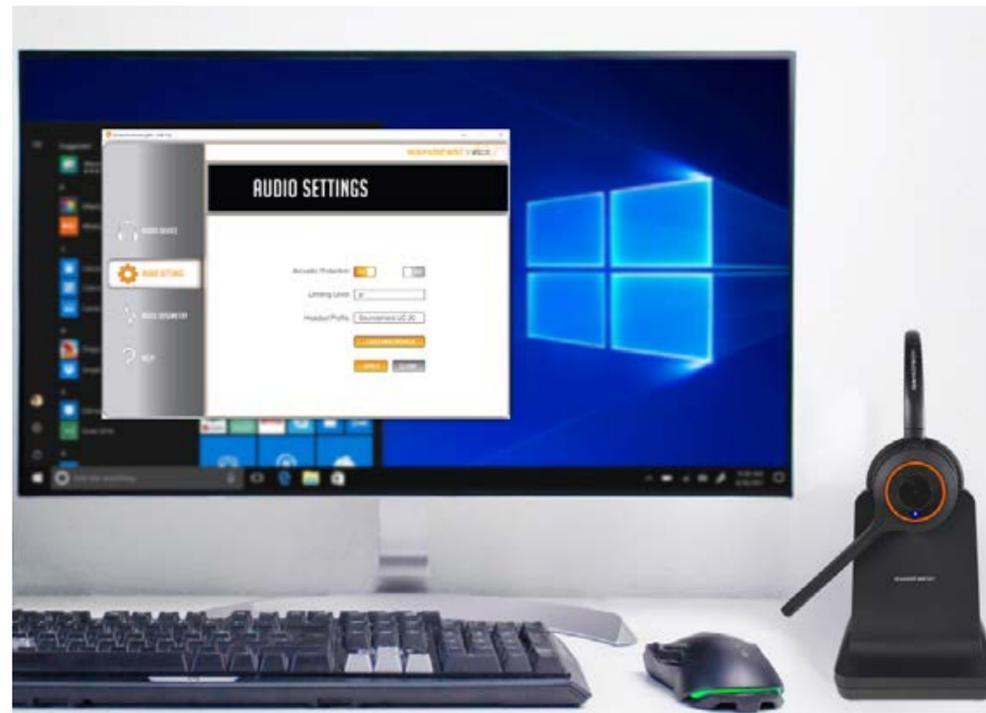
PROTECT

Soundshield Voice was designed to identify, receive and remove any potentially dangerous, sudden, unexpected high-pitched sounds, while increasing clarity of voice without any disturbance.



CAPTURE

Soundshield Voice on Windows 10 OS, will detect and reject any sudden, loud high-pitched sound or shriek, guaranteeing a safe and productive workplace.

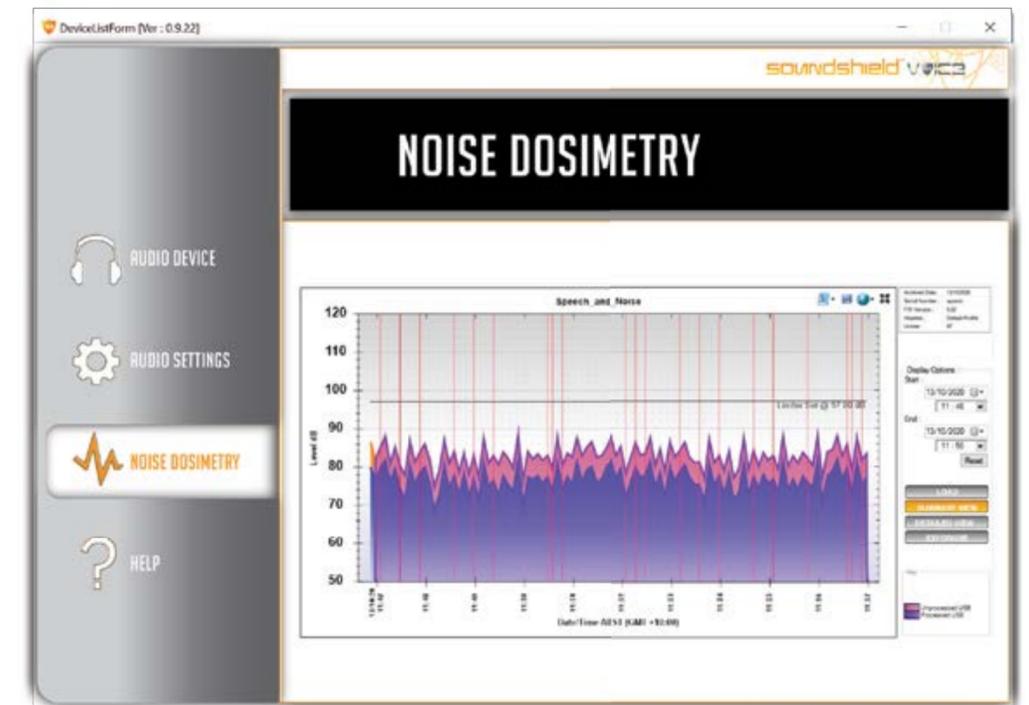


REPORT

Easily inspect and analyse any potential acoustic shock event, by accessing the noise dosimetry* historical report which includes the following information:

- Date and time metrics
- Shriek rejecter (acoustic incidents are highlighted)
- Noise exposure levels
- Individual user information is logged and linked to exposure data

*Noise dosimetry or Sound data; amount and the loudness that someone is exposed over some time.



TRUSTED BY INDUSTRY LEADERS



PREMIUM PLAN

Contact us for pricing

Tools

- ✓ Sound exposure control
- ✓ Acoustic shriek rejection
- ✓ Noise dosimetry
- ✓ Long term noise exposure protection
- ✓ Documents and resources
- ✓ Data analysis
- ✓ Crystal-clear safe audio
- ✓ Full technical support
- ✓ Managed service
- ✓ Compatible with leading headsets

Applications

- ✓ Noise management for headset users
- ✓ Health and safety industry
- ✓ Acoustic safety for remote workers
- ✓ Shriek rejection for contact centres

REQUEST DEMO

Polaris Communications Pty Ltd

393 Flemington Road North Melbourne VIC 3051 Australia

Tel: 1800 626 505 | sales@polaris.com.au | www.polaris.com.au