

## Technical Data

### Modular static hearing protection

**Serenity SP** is a custom-made **modular hearing protection system**. This modularity allows different interchangeable acoustic filters and/or headsets to be inserted into a user's ear shells, for example to change the attenuation level or use another Serenity device.

#### Serenity SP

##### Features :

- Custom molded nylon ear shells (eShells):
  - Outstanding comfort
  - Skin friendly (no sweating, no irritation)
  - Feather light
  - Highly robust
  - Cost-effective to replace
- Acoustic attenuation filters fitted into the earJacks:
  - several noise attenuation values
  - perception of loud warning signals maintained



- Protection level verifiable with SafetyMeter
- Compatible with helmets, masks and glasses
- Upgradeable with communication and/or dynamic protection

#### General Features

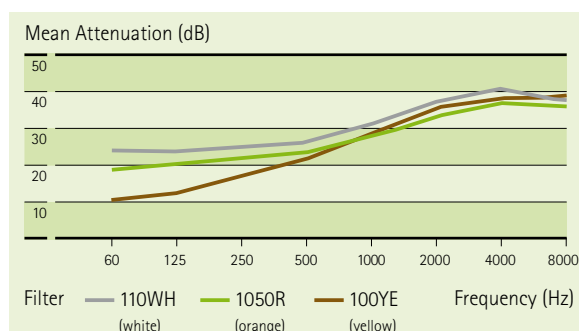
**Weight** 10 g

**Marking** Unique user ID on each eShell

**Accessories** Silicone cord with safety breaks  
Attachment clip  
Metal detection (optional)  
Carrying case

#### Hearing Protection Specifications

Serenity SP complies with the EU directive 89/686/EEC and is tested and certified according to EN 352-2:2002.



Attenuation values (dB)

Filter	SNR	L	M	H
110WH	28	20	24	31
1050R	24	17	20	26
100YE	25	16	22	30

**Key:** SNR Single Number Rating attenuation value  
L Low-frequency attenuation value  
M Medium-frequency attenuation value  
H High-frequency attenuation value