

SafeSound

The SafeSound consists out of a pair of custom-made hearing protectors. Depending on preference the attenuating filter in one of the hearing protectors can be replaced (left or right) by a specially developed earphone, the SoloCom. Result: comfortable and clear mobile communication without removing the hearing protection.



Such a combination will guarantee:

- optimal communication with the surrounding environment (specific RC filter characteristics), and
- optimal understanding of telephone audio (thanks to slightly higher attenuation by the SoloCom filter).

Material + Colour

The SafeSound is manufactured from soft FlexFit material (60 shore) and is delivered in grey. For the food industry, this hearing protection can be delivered in blue at an additional cost.

Optional

The Elacin CH may also be provided with in a metal detectable version including metal detectable cord, e.g. for use in the food industry.

Filters

There is a choice of 4 filter types, depending on the noise level:

- SafeSound RC19 filter
- SafeSound RC18 filter
- SafeSound RC17 filter
- SafeSound RC15 filter

Application of use

- Safe communication on the work floor, without removal of the hearing protection
- Access to electronic communication in a noisy (work) environment
- Anyone who wants to combine hearing protection and electronic communication means

Suitable for use in

- Industrial environments
- Building, assembly and carpentry industries
- Shipyards
- Emergency services

Benefits

- Custom-made; perfect fit
- Hearing protectors suitable for protection and communication means
- Earphone to wear either left or right
- Improved speech intelligibility
- Made of soft and light material
- Easy to insert and remove

Attenuation values

| f in Hz | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|----------------|-----------|------|------|------|------|------|------|------|----|----|----|-----|
| SafeSound RC19 | APVf [dB] | 19,4 | 20,9 | 21,4 | 20,8 | 15,6 | 23,5 | 23,8 | 18 | 19 | 20 | 21 |
| | | 16,3 | 18,3 | 17,4 | 18,0 | 15,8 | 22,1 | 26,4 | 18 | 18 | 18 | 20 |
| | | 12,3 | 13,7 | 16,4 | 17,2 | 16,5 | 22,1 | 26,0 | 19 | 17 | 15 | 20 |
| | | 9,3 | 12,8 | 14,4 | 15,6 | 18,6 | 21,8 | 26,9 | 20 | 16 | 14 | 19 |

| f in Hz | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|----------------|---------|------|------|------|------|------|------|------|
| SafeSound RC19 | Mf [dB] | 23,2 | 23,3 | 24,0 | 23,3 | 20,1 | 26,1 | 29,3 |
| | | 19,4 | 20,6 | 20,7 | 20,4 | 20,0 | 26,8 | 31,0 |
| | | 14,5 | 15,9 | 18,9 | 19,3 | 19,9 | 25,3 | 31,4 |
| | | 12,6 | 14,5 | 17,1 | 18,3 | 22,1 | 26,1 | 30,5 |

| f in Hz | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|----------------|---------|-----|-----|-----|------|------|------|------|
| SafeSound RC19 | Sf [dB] | 3,8 | 2,4 | 2,6 | 2,5 | 4,5 | 2,6 | 5,5 |
| | | 3,1 | 2,3 | 3,3 | 2,4 | 4,2 | 4,7 | 4,6 |
| | | 2,2 | 2,2 | 2,5 | 2,1 | 3,4 | 3,2 | 5,4 |
| | | 3,3 | 1,7 | 2,7 | 2,7 | 3,5 | 4,3 | 3,6 |

Attenuation curve

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