

Protected hearing, guaranteed excellent communication

This is the Elacin RC Tube

Safe communication is indispensable, but that is not always a given in an explosion-hazardous environment. Often the choice is between wearing hearing protection or taking it off to communicate with each other via a radio system. Do both with Elacin RC Tube in combination with Elacin RC earplugs. The audio tube connects your radio system and earbuds. Discover the benefits.

Communicate safely while protecting your hearing, in an explosive-hazardous environment.

Importance of hearing protection

Our hearing is precious. It's one of the five senses we can't live without. It tells us what is happening around us. So be careful with it. And know that every time you don't wear hearing protection, the risk of hearing damage increases. So even when you 'just' listen to the walkie-talkie.

Like you're not wearing anything

You want to be in touch with your colleagues. With the Elacin RC Tube you always stay connected. You can hear exactly what is being communicated over the walkie-talkie in your RC hearing protection, without having to remove your earplugs. In this way we take communication in the workplace to an even higher level and you can safely move your business forward.

Radio system with earplugs: that's how it works

The Elacin RC Tube clicks onto your Elacin earplugs. The other end of the audio hose connects to your radio system. In this way, stay connected to your environment and at the same time be protected from noise.

What do you need to pair your earplugs with a radio system?

- + Elacin RC earplugs
- + Elacin RC Tube
- + A normal or ATEX radio with accompanying listening cable

Who is Elacin RC Tube designed for?

The Elacin RC Tube contains no electronic parts and is therefore perfect for use in potentially explosive atmospheres with a lot of noise. Think of companies in the chemical and petrochemical industry.

The power of the Elacin RC Tube

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| <ul style="list-style-type: none"> + Custom-made, perfect fit + Choice of various filter types; no over attenuation + Optimal speech intelligibility | <ul style="list-style-type: none"> + Safe and comfortable + High wearing comfort |
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Application of use

- + Safe communication in the workplace, without having to take the hearing protection out of the ear.
- + Access to wireless communication in a noisy (work) environment.
- + Anyone who wants to combine hearing protection and communication.
- + Where Otto listening devices are already in use.
- + The wearing comfort of the listening device hinders.

Suitable for use in

- + Industrial environments
- + Construction
- + Assembly and carpentry companies
- + Shipyards
- + Emergency services
- + Security

Electrical data | Following EN352-9

Elacin RC Tube connected to Otto surveillance kit

The relationship between sound output level and input signal

Sound output level [dB(A)]	70	75	80	82	85
Input signal Mean + StDev [mV]	23,3	41,1	72,1	89,7	124,4
	Criterion input signal			89.7 mV	
	Sound output level for maximum input signal of 100 mV			82.8 dB(A)	
	Safe usage time for maximum input signal [hh:mm]			06:39	

For more information about the Elacin RC Hearing Protection, view product sheet *Elacin RC Next Generation*.