

Advance Universal Range

Hearing Protection

Advance Universal Hearing Protection | Overview

Universal – The new standard – One-size-fits-all

Category	Product	Description
Music	 Universal ST21	<ul style="list-style-type: none"> + Universal hearing protection + One-size-fits-all + Flat attenuation filter + Comfortable fit
Drive	 Universal ST24	<ul style="list-style-type: none"> + Universal hearing protection + One-size-fits-all + Flat attenuation filter + Comfortable fit + With cord
Swim	 Universal Swim	<ul style="list-style-type: none"> + Universal earplugs + One-size-fits-all + No filter + Seal of the hearing canal + Float
Relax	 Universal Relax	<ul style="list-style-type: none"> + Universal earplugs + One-size-fits-all + No filter + Seal of the hearing canal + Comfortable fit

Quality

Each Universal hearing protector and custom-made hearing protector are equipped with an acoustic filter, except for the Relax and Swim earplugs. The technology is proven and the design ensures an optimal fit for all hearing protectors. A huge benefit of the used filter technology is the open connection to the outside air, preventing a vacuum between the hearing protectors and the ear drum and allows the ear canal to be ventilated while wearing the hearing protectors.

To ensure the highest and consistent quality, all filters are tested acoustically in our production house. The assembly and quality control of the products is also done at this location.

Advance Universal Range

All the experience and expertise Elacin has accumulated in the field of custom-made hearing protection over the past decades has been used to develop a new range of high-quality and comfortable universal hearing protectors (with filter) and earplugs (without filter).

The Advance Universal one-size-fits-all earplug for leisure and work time. It offers a secure seal for everyone without compromising on comfort. In addition, the acoustic filter offers the best sound quality for a universal earplug. A mix of features you would expect from a standard earplug.

The registered design is unique and innovative and with two fins and a continuous sound channel for the acoustic filter. To as much the curved shape has been tailored to the average ear and ensures a comfortable fit for everyone. The flanges are very soft and ensure an optimal seal with as little pressure on the ear as possible. Furthermore, the handle is shaped so that the wearer intuitively holds and correctly inserts the product.

Material + Colour

The Elacin Universal earplug is made of very soft cytotoxic-free thermoplastic elastomer (28 Shore A) and is available in grey, yellow and blue, depending on the application.

Filter – Elacin Universal ST24 / ST21

The acoustic filter is based on the developed helix technology™. A huge advantage of this technology is its open connection to the outside air. A vacuum between the product and the eardrum is thus prevented and ventilation is possible. Elacin Universal earplugs are soft on the ears and comfortable to wear.

No filter – Elacin Universal

Elacin Universal without filter, the most suitable earplugs to block out noise or water when you need to concentrate, relax or like to swim without water entering your ear canal. Elacin Universal no-filter earplugs are soft on the ears and comfortable to wear.

Features

- + Average noise reduction of 24 dB and 21 dB
- + Flat attenuation
- + Clear speech intelligibility
- + Ambient sounds remain audible

Features

- + Seal the hearing canal
- + Comfortable and soft for the ears
- + Excellent fit for everyone
- + No protruding parts

Application of use

Wherever high-quality audio is desired, but custom-made hearing protection is not an option for whatever reason. Elacin Universal with ST24, ST21 and without filter are ideal for visitors and staff of entertainment venues or nightclubs. But for students and water rats will benefit from the advantages of the universal Relax and Swim earplugs.



Advance Drive – Universal ST24 | with filter | grey colour



Advance Drive hearing protection is particularly suitable for motor sports enthusiasts. Important ambient noises and warning signals remain audible, but a little clearer and quieter. The Advance Drive can be worn comfortably under the helmet.

Benefits

- + Comfortable to wear under the helmet
- + Flat attenuation = good speech intelligibility
- + Average attenuation of 24 dB

Advance Music – Universal ST21 | with filter | burgundy colour



Advance Music hearing protection is ideal for visitors to parties, pubs, concerts and festivals. They enable good speech intelligibility and sound experience.

Benefits

- + Soft and very light
- + Flat attenuation = good speech intelligibility
- + Average attenuation of 21 dB

Advance Swim – Universal | without filter | blue colour



Advance Swim earplugs are a comfortable universal earplug for water sports activities that was designed to prevent water into the ear canal. These earplugs do not sink and offer high wearing comfort thanks to their unique fit.

Benefits

- + Seal the hearing canal
- + Excellent fit for every ear
- + No protruding parts
- + Stay afloat

Advance Relax – Universal | without filter | yellow colour



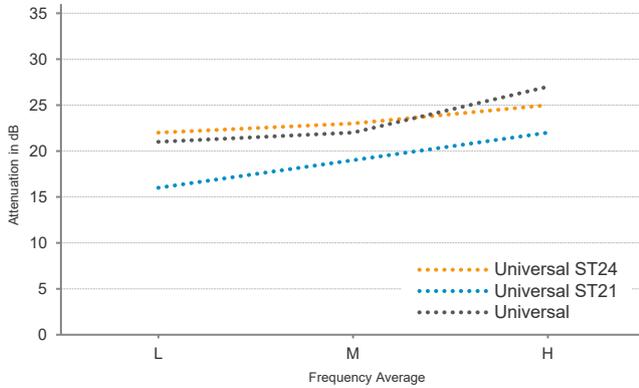
These earplugs provide effective noise reduction and a comfortable fit and are suitable for anyone who wants to exclude ambient noise so they can sleep or concentrate as quietly as possible.

Benefits

- + Undisturbed night's sleep
- + Comfortable soft fit, even when the head is resting on a pillow
- + No protruding parts
- + Hearing alarm sounds, smoke alarm, alarm clock etc. remains possible

Attenuation curve

Elacin Universal



Attenuation values (EN352-2)

Filter	L	M	H	SNR
Universal ST24	22	23	25	25
Universal ST21	16	19	22	21
Universal (no filter)	21	22	27	25

Available as Single Pack

Category	Product		Elacin Item no.	EAN code
Drive	Advance UHP - Elacin ST24 SP	with filter	891392	8718753009110
Music	Advance UHP - Elacin ST21 SP	with filter	891393	8718753009127
Swim	Advance UHP - Elacin Relax SP	no filter	891395	8718753009134
Relax	Advance UHP - Elacin Swim SP	no filter	891394	8718753009141

A convenient product display is available. Ask your regular contact or e-mail our Customer Service at customerservice@elacin.com.



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