

MUSICSAFE CLASSIC®

ALPINE HEARING PROTECTION

Alpine Nederland B.V. is one of the largest European manufacturers of hearing protection products. As a full service supplier they develop and produce a complete range of products for different purposes. They have developed the Alpine MusicSafePro® together with and for musicians.

MUSICSAFE CLASSIC® - UNIQUE HEARING PROTECTION FOR MUSICIANS

Product explanation

MusicSafe Classic® offers generic hearing protection, with earplugs that fit every ear. MusicSafe Classic® contains two different and exchangeable sets of music filters with outstanding sound characteristics, medium and high attenuation rate to suit every situation. Depending on the instrument you are playing, your position on the stage or the kind of music you are playing or listening to, you can always choose and will find the attenuation that suits you most. These special music filters guarantee an optimal protection against only the harmful noises while at the same time you can perfectly enjoy the music. The plugs are made of a durable, soft and flexible material. Because of your body heat the plugs adapt to the shape of the auditory duct within a few minutes and guarantee an excellent fitting form.

The Alpine MusicSafe Classic® package contains 2 different interchangeable filters with the following attenuation rates to find the filters that suits you best:

Attenuation values MusicSafe Classic® Filters

Hz	125	250	500	1000	2000	4000	8000
dB	14,8	15,0	15,7	18,7	26,6	24,4	18,9
dB	18,8	15,6	16,0	18,5	27,7	23,9	22,0



Product features Alpine MusicSafe Classic®:

Very soft material - due to the body heat the plugs adapt to the shape of the auditory duct.

- Comfortable almost as if you were wearing custom made plugs.

Does not stick out of the ear

- Very small and hard to see when being worn.

Two different and exchangeable sets of filters

- Optimal protection without losing all-round noises. Protection on two different levels.

Comes complete in carry case and travel box

- Keeps your earplugs safe, clean and ready for use.

Generic hearing protection and easy to adjust (by simply trimming the eartip)

- Perfect fitting form and adjustable for people having a small ear canal.

Reusable - the plugs can be used for a longer period of time

- MusicSafe Classic generic hearing protection last longer when regularly cleaned with water and soap.

Open system - not completely shut off

- Avoids the feeling of isolation.



Product comparison hearing protection		
	Foam earplugs	Alpine MusicSafe Classic
Selective attenuation	-	+
Speech	-	+
Comfortable to wear	-	+
Feeling of isolation	-	+
Pressure in the ears	-	+
Problem with glasses/ hat	+	+
Hygiene	+ (only when used once)	+
Lifetime	-	+

How dangerous is loud music without hearing protection?

The safe and statutory limit to which the hearing may be exposed is 80 decibel. Regular noise above 80 decibels will irrevocably lead to hearing damage. Official reports show that the limit of 80 dB is soon exceeded. The following values show you how soon the maximum exposing time is reached:

Noise level	Max. residence time
80 decibel	8 hours
83 decibel	4 hours
86 decibel	2 hours
89 decibel	1 hour
92 decibel	30 minutes
95 decibel	15 minutes
98 decibel	7 minutes

Musicians run a high risk for hearing impairment due to their exposure to loud sounds, specifically their music. Classical musicians run as much risk for hearing impairment as rock musicians. At classical music concerts, in the audience, sounds have been recorded in excess of 120dB. That is about as loud as an airplane during take-off!

For rock musicians the sources for sounds that are damaging the ears come from amplifiers and drums; for classical musicians are their own instrument or the instruments behind them critical.

General arguments for hearing protection

- Hearing damage is irreversible
- Excessive noise can lead to the following problems:
 - Deafness
 - Exhaustion
 - Loss of concentration
 - Dangerous situations
 - High blood pressure
 - Stress
 - Headache
 - Sickness
 - Dizziness
 - Other physical complaints

