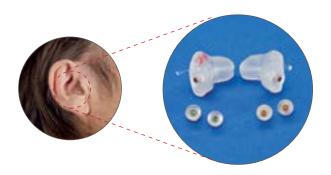
# Musician HearSavers



We offer a variety of hearing protection plugs for all musicians and music lovers which help protect your hearing without distorting the music.

The advantage of the filters in Musician HearSavers, is that they can choose the amount of attenuation and thus hearing protection, while reserving a clear and natural sound quality, so you can still enjoy music and understand the people around you. Filter options for Musician HearSavers include 10dB, 15dB and 25db of attenuation.

If you prefer more than 25dB of attenuation, the alternative to Musician HearSavers would be ReSound's Solid HearSavers, which are protective earplugs without a filter, but 'solid', as the name suggests. With this kind of hearing protection you can reach up to 40dB of attenuation.

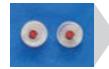
When music is an important part of your life and you need a better way to listen while you are in a noisy place, we have just the solution you need.

Solid HearSavers are designed to be used in a more industrial environment for instance, where hearing protection and thus maximum attenuation is the main focus. Not having filters in earplugs provides this extra attenuation and protection, but also means that you cannot enjoy the same sound quality and Musician HearSavers offer.

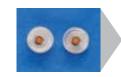
Sound levels of different musical instruments, safe levels of exposure to noise during a week's time frame and our recommendation for acoustic filters within each sound exposure bracket are shown on the opposite page.



Minus 10 decibels Ideal for vocalists, guitarists and people who attend regular chamber music concerts in small rooms.



Minus 15 decibels Ideal for classical musicians, guitarists, bass players and concert goers.

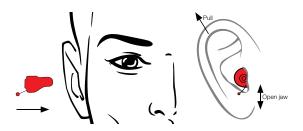


Minus 25 decibels Ideal for drummers, percussionists, rock musicians and regular concert goers.



## **INSERTION INSTRUCTIONS**

The colour of the branding on the HearSaver indicates the side: blue for left and red for right.



Once the side has been determined, gently insert HearSaver with the extraction cord positioned at the bottom.

To help ease insertion, gently pull the top part of the ear and open jaw which will help open up the ear canal more.

#### **COLOURS AVAILABLE** \*Colour choice might be limited, depending on material type. Beige Clear Yellow Tinted Medium Brown Black Red Transparent Dark Brown White Blue Transparent Violet Fluro Pink Cool Red Orange Light Green Cobalt Blue Cool Blue Magenta

#### CHECK

For optimum performance, before every use check whether your HearSavers are clean and the sound outlet is free from any wax build up.

### **RINSE**

Rinse them thoroughly with clean water to make sure all detergent is removed. Leave to dry thoroughly. Once all the water has dried out, you can now insert the filters back into the HearSavers.

## **CLEANING AND STORAGE**

You can use a solution of warm water and a small amount of dishwashing liquid and rub the surfaces with your finger tips.

We advise that you remove the filter first before you begin washing the HearSavers. You can easily extract the filter using your fingernail.

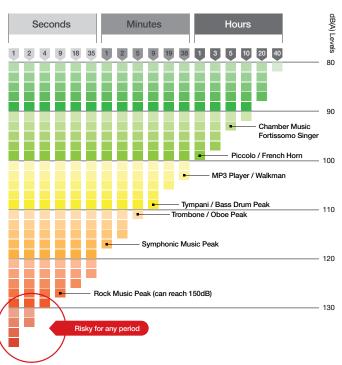
After cleaning and using, always store your HearSavers in the black pouch provided to keep dust and other foreign matter away from your HearSavers and your ears. This also prevents them getting lost.

## SOUND LEVELS OF MUSIC



Normal piano	60-70dB	
Fortissimo Sir	70dB	
Chamber mus	75-85dB	
Violin		82-92dB
MP3 player /	ipod on 5/10	94dB
Piano fortisss	imo / Flute	84-103dB
Piccolo / Fren	90-106dB	
Tympani and	106dB	
Cello		85-111dB
Oboe		95-112dB
Clarinet / Tron	mbone	85-114dB
Symphonic m	iusic peak	120-137dB
Amplifier rock	, 4-6'	120dB
Rock music p	eak	150dB

## SAFE WEEKLY SOUND EXPOSURE



## Protect your ears with GN

## Music HearSavers

When music is an important part of your life and you need a better way to listen while you are in a noisy place, we have just the solution...



## O Clear

of the sound.

Colours available\*

0	Clear	0	Beige	0	Yellow
0	Tinted	•	Medium Brown	•	Black
•	Red Transparent	•	Dark Brown	0	White
0	Blue Transparent	•	Violet	•	Fluro Pink
•	Cool Red		Orange		Light Green
	Cool Blue		Magenta		Cobalt Blue

GN Music HearSavers are designed to reduce the overall sound

dosage without compromising the music quality. Our specialised acoustic filters can reduce sound without distorting the integrity

 $\star$ Colour choice might be limited, depending on material type.

Sound exposure to excessive noise through music can cause hearing loss depending on the intensity and duration of the noise. Hearing Protection is as individual as you are and therefore choosing the correct hearing protector for your personal needs should be based on the intensity level, duration and type of noise you are being exposed to.

NB: If you feel that excessive sound exposure is affecting your hearing, talk to your hearing care professional about the GN range of hearing protectors or visit our website.

#### Sound Levels of Music

	Normal piano practice	60-70 dB	
	Fortissimo singer 3'	70 dB	Id
	Chamber music, small auditorium	75-85 dB	ć
	Violin	82-92 dB	
	MP3 player / ipod on 5/10	94 dB	
	Piano fortissimo / Flute	84 - 103 dB	
	Piccolo / French horn	90 - 106 dB	Ic
	Tympani and bass drum	106 dB	
	Cello	85 - 111 dB	
	Oboe	95 - 112 dB	
	Clarinet / Trombone	85-114 dB	
	Symphonic music peak	120 - 137 dB	
	Amplifier rock, 4 - 6'	120 dB	
	Rock music peak	150 dB	

## Recommended Acoustic Filter\*

Minus 10 decibels
Ideal for vocalists, guitarists and people who
attend regular chamber music concerts in
small rooms



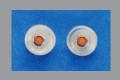
## Minus 15 decibels

Ideal for classical musicians, guitarists, bass players, and concert goers



### Minus 25 decibels

Ideal for drummers, percussionists, rock musicians and regular concert goers



Above is a guide to various musical instruments standard noise levels; and the safe sound level exposure for an individual over a one week time frame.

\*based on filter attenuation only. Once combined with a mould, may be subject to increase/decrease depending on material/shape. Music Savers are a passive noise protection accessory and not recommended for professional Musicians needing precise attenuation levels. Please speak to your Health care professional for further advice.



## Safe Weekly Sound Exposure

