



SENNHEISER



SoundProtex

Hearing Protection Earplugs

Amazing sound, only safer.



HiFi sound
quality



Hearing
protection



Ambient
awareness



SPEC SHEET

SoundProtex



Ringling in your ears after a concert is not a good sign. But earplugs can make instruments sound muddled.

SoundProtex hearing protection earplugs let you enjoy high-fidelity sound at a safer volume level, protecting your hearing health and well-being.

Two-stage SoundProtex filters reduce volume yet still allow some perfectly balanced sound to pass through. With SoundProtex, you can hear brilliant sound and still carry on a conversation at the concert. Reusable SoundProtex earbuds use medical-grade, biocompatible TPE ear tips included in three sizes for a comfortable, secure fit. The full-block filter gives you complete quiet — or keeps your ears dry while you swim.

ENJOY HIFI SOUND QUALITY

Enjoy full-frequency sound at a healthy level thanks to the patented membrane technology that filters sound in a natural way.

PROTECT YOUR HEARING

Engage in conversations even in loud environments with an in-ear fit that allows you to recognize where the sound comes from.

PRESERVE AMBIENT AWARENESS

Keep your hearing health by reducing the sound volume to a safe level without missing details.

Technical Data

Model name	SoundProtex US	SoundProtex EU/ANZ
Article No.	108-3142	108-3145
EAN	7612904409129	7612904409327
UPC	810091272404	Not applicable

General data

Wearing style	Hearing protection earplugs
Ear coupling	Ear canal with retention

Ear tip dimensions	Small	Medium	Large
Nominal diameter	5-10 mm	6-11 mm	7-12 mm
Diameter of the largest flence	10,7 mm	12,2 mm	13,4 mm
Diameter of the middle flence	7,9 mm	9,0 mm	10,6 mm
Diameter of the smallest flence	6,1 mm	7,1 mm	8,3 mm
Length with tongue	22,5 mm	24,4 mm	24,4 mm
Length without tongue	13,5 mm	15,4 mm	15,4 mm
Ear tip weight	1,1 g	1,4 g	1,6 g
Ear tip material	Medical-grade TPE	Medical-grade TPE	Medical-grade TPE

Filter data

Filter diameter	9,1 mm
Filter height	4,6 mm
Filter weight	0,3 g
Filter materials	PET, ABS, Polycarbonate, Polyurethane

Pouch data

Pouch width	6 cm
Pouch height	4,5 cm
Pouch weight	6,2 g
Pouch materials	PU leather



SoundProtex



Recommend operating condition

Relative humidity	Between 0% and 80%
Temperature	Between -10 °C and 50 °C

Recommend storage condition

Relative humidity	Between 20% and 70%
Temperature	Between 15 °C and 25 °C

Packaging

Content of delivery	Earplug set adapter (S/M/L) 1 Pair acoustic filter 1 Pair full block filter Pouch bag
Packaging type	Cardboard
Language on packaging	English, German, French
Dimensions product packaging (L x W x H)	80 x 30 x 132 mm
Weight of finished product	74.2g
Dimensions of inner master box (L x W x H)	325 x 220 x 205 mm
Weight inner master box	196 g
Number of product per inner master box	34 pcs
Total weight inner master box	2718.8 g
Weight outer master box	1940 g
Number of inner master box into outer master box	6 pcs
Total weight	18,3 kg

Mid Filter

CE									SNR	H	M	L	
	Mean attenuation (dB)		19,7								17,9	20,9	21,6
	Standard deviation (dB)		2,3								2,4	2,4	3,4
	Value (dB)		17								16	19	18
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000					
Mean attenuation (dB)	21,4	23,6	22,8	22,7	25,8	22,8	15,8	17,4					
Standard deviation (dB)	4,5	4,6	5,9	5,3	4,6	5,2	2,6	3,6					
APV (dB)	16,9	19,0	16,9	17,4	21,2	17,6	13,2	13,8					

ANSI	NRR 10								
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	23,8	21,6	21,6	25,8	24,7	15,9	15,6	17,1	13,5
Standard deviation (dB)	2,6	3,2	2,9	4,8	3,9	2,6	3,2	3,0	4,4
APV98 (dB)	18,6	15,2	15,8	16,2	16,9	-	10,0	-	7,9

AS/NZS	SLC(80) = 14 dB Class 2							
Frequency (Hz)	125	250	500	1000	2000	4000	8000	
Mean attenuation (dB)	20,4	20,0	18,8	19,5	18,0	16,1	13,2	
Standard deviation (dB)	4,7	3,7	3,1	4,1	4,9	3,3	3,1	
MA-SD (dB)	15,7	16,3	15,7	15,4	13,1	12,8	10,1	