



SENNHEISER



SoundProtex Plus

Hearing Protection Earplugs

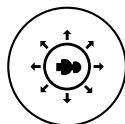
Safe, high-fidelity sound
for any situation.



HiFi sound
quality



Special sound
levels



Multipurpose



Hearing
protection



SPEC SHEET

SoundProtex Plus

Power tools, concerts, racetracks—lots of situations call for hearing protection. But standard earplugs can make everything sound muddled.

With SoundProtex Plus multipurpose earplugs from Sennheiser reduce sound evenly across the frequency range with innovative two-stage filters. So you can protect your hearing while still enjoying good music or a conversation.

SoundProtex Plus comes with strong (loud concerts, power tools), medium (festivals, travel), weak (quieter concerts, noisy public spaces) and total block (relax and sleep) filters. Three sizes of soft, flexible, medical-grade TPE ear tips ensure a secure, biocompatible fit. Re-use them as often as you like.

HIFI SOUND QUALITY

Enjoy high-fidelity sound with patented membrane technology.

CHOOSE THE PROTECTION YOU NEED

Select between 3 acoustic filters to reduce the sound volume to the right amount for your surroundings or use the full block filter for complete noise reduction.

USE THEM IN ANY SITUATION

Use these multipurpose earplugs to help protect your hearing anywhere including concerts, construction sites, at home, or at the office.



Technical Data

Model name	SoundProtex Plus US	SoundProtex Plus EU/ANZ
Article No.	108-3143	108-3144
EAN	7612904409136	7612904409310
UPC	810091272343	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 mm
Pouch weight	6,2 g
Pouch materials	PU leather



SoundProtex Plus



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) 3 Pairs acoustic filters 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	74.6g
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	2800.4 g
Weight outer master box	1940 g
Number of inner master box into outer master box	6 pcs
Total weight	18,7 kg

Low Filter*

CE*					SNR	H	M	L
	Mean attenuation (dB)				11,9	14,2	8,9	9,6
	Standard deviation (dB)				2,2	4,0	2,6	3,3
	Value (dB)				10	10	6	6
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	10,5	11,7	9,1	7,2	9,5	14,3	18,0	17,0
Standard deviation (dB)	2,8	3,4	3,3	2,6	4,2	5,3	3,5	4,8
APV95 (dB)	7,7	8,3	5,8	4,6	5,3	9,0	14,5	12,2

ANSI*	NRR		2							
	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	11,7	9,1	7,2	9,5	14,3	15	18	16	17	
Standard deviation (dB)	3,4	3,3	2,6	4,2	5,3	3	3,5	3,6	4,8	
APV98 (dB)	4,9	2,5	2	1,1	3,7	-	10	-	8,1	

*This product is not CE-certified. All supplied data is estimated based on official (partial) test data that has been conducted with custom moulded earpiece.



SoundProtex Plus

Mid Filter

CE	SNR							
	H							
	M							
	L							
Mean attenuation (dB)	19,7							
Standard deviation (dB)	2,3							
Value (dB)	17							
Frequenzy (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								
Frequenzy (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							
Frequenzy (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	

High Filter

CE	SNR							
	H							
	M							
	L							
Mean attenuation (dB)	23,2							
Standard deviation (dB)	3,1							
Value (dB)	20							
Frequenzy (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	23,5	24,1	23,2	22,2	24,6	24,6	20,4	32,3
Standard deviation (dB)	5,0	4,9	5,8	5,3	5,0	5,4	3,8	3,9
APV (dB)	18,5	19,2	17,4	16,9	19,6	19,2	16,6	28,4

ANSI	NRR								
	16								
Frequenzy (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	26,8	25,5	25,5	28,9	33,0	23,4	19,7	17,6	27,8
Standard deviation (dB)	3,8	4,0	3,7	3,9	4,4	3,6	2,9	4,1	3,4
APV98 (dB)	19,2	17,5	18,1	21,1	24,2	-	15,1	-	15,2

AS/NZS	SLC(80) =							
	20 dB Class 3							
Frequenzy (Hz)	125	250	500	1000	2000	4000	8000	
Mean attenuation (dB)	24,2	22,6	22,0	25,2	25,8	23,0	26,6	
Standard deviation (dB)	5,4	5,3	4,4	5,0	5,6	4,5	4,8	
MA-SD (dB)	18,8	17,3	17,6	20,2	20,2	18,5	21,8	