

SAVOX

Savox Splendor XP series

Splendor XP improves safety by not isolating the user from the surroundings. Level dependent ambient sound reproduction protects your hearing from harmful noise while warning signals, speech, instructions and other signals in lower levels of noise can be heard.

Key features

- Ambient sound with audio profiles
- Voice prompted menu
- Build-in rechargeable battery
- Easy accessible rotary button for ambient sound volume adjustment
- Unique casting technique protects the electronics for maximum reliability
- Low battery warning and automatic switch off
- Made in Finland



Market Segment Industry, Construction sites

Product codes

Savox Splendor XP K6001000010
Savox Splendor XP Cap K6001000020

Hygiene kit 6008252

Weight

Headband 351g
Cap 348,7g

Ambient sound profiles

Default Setting with frequency range optimized for most noise environments. Amplifies speech frequencies for safety reasons.

Narrowband Limited frequency range for most demanding noise environments. Only speech frequencies are reproduced by the user.

Neutral Wide frequency range for best situational awareness.

Materials

Cups ABS+PA
Cushions Flexible foam
Headband models Spring steel, cover material PVC foil with foam filling
Helmet mounted models Plastic and stainless steel (adjustment)

Operating times 150 hours

Recharge time 5 hours

Hearing Protector Attenuation

Headband SNR=32dB, H=32dB, M=31dB, L=24dB
Cap SNR=29dB, H=30dB, M=28dB, L=22dB

Cushion pressure

Headband S = 2934,2, M = 3060,7 L = 3010,2
Cap S = 2565,7 M = 2972,7 L = 3089,0

Headband force

Headband S=9,6 N, M=10,2 N, L=10,3 N
Cap S=8,8 N, M=10,2 N, L=10,6 N

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The product fulfills the requirements of the following Regulations and Directives

Regulation on Personal Protective Equipment 2016/425/EU
Electromagnetic compatibility (EMC) 2016/30/EU

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment 2011/65/EU + (EU) 2015/863

CE marking is based on the fulfilling of the requirements of the following harmonized standards:

PPE: EN 352-1:2020
EN 352-3:2020
EN 352-4:2020

EMC: EN 55032:2015
EN 55035:2017 + A11:2020

RoHS: 63000:2018

Level dependent criterion levels according to EN 352-4:2020

L-Criterion 101.0 dB(A)
M-Criterion 110.0 dB(A)
H-Criterion 116.3dB(A)

Hearing Protector Attenuation

Splendor XP (mass: 351g)		TESTED IN ACCORDANCE WITH EN 352-3:2020							
Frequency, Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att., dB	21,6	21,0	24,2	32,7	36,0	33,4	42,4	39,9	
Std. dev., dB	2,9	3,8	2,6	2,9	3,0	4,7	3,4	3,5	
Mean - SD	18,7	17,2	21,6	29,8	33,1	28,7	39,0	36,4	
Headband force S		Headband force M			Headband force L				
9,6 N		10,2 N			10,3 N				
SNR	SNR _m	SNR _s	H84 (dB)		M84 (dB)		L84 (dB)		
32 dB	34,3 dB	2,1 dB	32		31		24		
			H _m	H _s	M _m	M _s	L _m	L _s	
			35,6	3,8	32,5	1,9	26,6	2,2	

Splendor XP Cap (mass: 348,7g)		TESTED IN ACCORDANCE WITH EN 352-3:2020							
Frequency, Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att., dB	18,7	18,6	23,0	30,7	33,1	31,6	39,0	37,3	
Std. dev., dB	3,9	3,3	3,9	4,0	3,6	3,9	5,2	6,8	
Mean - SD	14,8	15,4	19,1	26,7	29,5	27,7	33,8	30,4	
Headband force S		Headband force M			Headband force L				
8,8 N		10,2 N			10,6 N				
SNR	SNR _m	SNR _s	H84 (dB)		M84 (dB)		L84 (dB)		
29 dB	32,3 dB	3,1 dB	30		28		22		
			H _m	H _s	M _m	M _s	L _m	L _s	
			33,4	3,8	30,6	3,0	24,9	3,1	

These earmuffs attached to head protection and/or face protection devices shall be fitted to, and used only with, following carriers:

3M G3000, Sizes S, M, L
Petzl Vertex, Sizes M, L
Skylotec Inceptor GRX, Sizes S, M, L
3M Securefit X5000/X5500, Sizes M, L
Uvex Pheos, Sizes M, L
Kask Zenith, Sizes M, L