

SAVOX

Savox Noise-COM 500 and Noise-COM 500XP

21.3.2023

You do not need to shout with Savox Noise-COM 500

Key features

- Wireless connection to **Bluetooth®** enabled devices (Bluetooth 5.0 and profiles: HFP, HSP, A2DP)
- Ambient sound with audio profiles (NC-500XP)
- Voice prompted menu
- Build-in rechargeable battery
- Professional two-way radio PTT compatibility
- Easy accessible rotary button for push-to-talk and ambient sound volume adjustment
- Unique casting technique protects the electronics for maximum reliability
- Noise-Cancelling boom microphone
- Low battery warning and automatic switch off
- Made in Finland

Market Segment

Industry

Product codes

Savox Noise-COM 500	K6010100010
Savox Noise-COM 500 Cap	K6010100020
Savox Noise-COM 500XP	K6011100010
Savox Noise-COM 500XP Cap	K6011100020

Hygiene kit

6008250 (NC-500 Series)

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)

Hearing Protector Attenuation

Headband	SNR=29dB, H=32dB, M=26dB, L=19dB
Cap	SNR=29dB, H=32dB, M=27dB, L=20dB

Headband force

Headband	S=10 N, M=10,4 N, L=10,5 N
Cap	S=8,7 N, M=10,2 N, L=10,3 N

Savox Communications Oy Ab (Ltd)

Keilaranta 15 B
02150 Espoo, Finland



Recharge time

5 hours

Operating times

60 hours with level dependent on
or 20 hours with Bluetooth active

Two-way radio Bluetooth® compatibility

Motorola E-series & R7

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.

Weight

Headband	375g
Cap	371g

Cushion pressure

Headband	S = 3071.1 P, M = 3033.7 P, L = 3014.8
Cap	S = 2652.1 P, M = 2984.7 P, L = 2895.6

The product fulfills the requirements of the following Regulations and Directives

Regulation on Personal Protective Equipment 2016/425/EU
Electromagnetic compatibility (EMC)
Radio Equipment Directive 2014/53/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 351-1:2020 **RED:** EN 300328 v2.2.2 **RoHS:** 63000:2018
EN 352-3:2020 EN 301489-1 v2.2.3
EN 352-4:2020 EN 301489-17 v3.2.4
EN 352-6:2020 EN 55032:2015
EN 352-8:2020 EN 55032:2015
EN 62368-1:2014

Hearing Protector Attenuation

Headband									
TESTED IN ACCORDANCE WITH EN 352-1:2020									
Frequency, Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att., dB	17,7	15,1	19,3	26,6	34,9	32,1	41,2	38,3	
Std. dev., dB	2,8	2,8	2,7	3,6	3,2	3,0	3,9	4,4	
Mean - SD	14,8	12,3	16,6	23,0	31,7	29,1	37,3	33,9	
Headband force S			Headband force M			Headband force L			
10,0 N			10,4 N			10,5 N			
SNR	SNR _m	SNR _s	H84 (dB)		M84 (dB)		L84 (dB)		
29 dB	30,7 dB	2,1 dB	32		26		19		
			H _m	H _s	M _m	M _s	L _m	L _s	
			34,6	2,4	28,5	2,2	21,4	2,4	

Cap									
TESTED IN ACCORDANCE WITH EN 352-3:2020									
Frequency, Hz	63	125	250	500	1000	2000	4000	8000	
Mean Att., dB	18,4	16,8	20,6	28,5	33,5	32,2	41,9	38,0	
Std. dev., dB	3,5	3,4	3,3	2,9	2,7	2,8	3,8	5,9	
Mean - SD	14,9	13,4	17,3	25,6	30,8	29,4	38,1	32,0	
Headband force S			Headband force M			Headband force L			
8,7 N			10,2 N			10,3 N			
SNR	SNR _m	SNR _s	H84 (dB)		M84 (dB)		L84 (dB)		
29 dB	31,9 dB	2,8 dB	32		27		20		
			H _m	H _s	M _m	M _s	L _m	L _s	
			34,7	2,8	29,7	2,7	23,0	3,0	

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 S, M, L
Uvex Pheos, Sizes S, M, L
3M SecureFit X5000/X5500, Sizes S, M, L
Skylotec Inceptor Sizes S, M, L

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.