

Noise-COM 500 series

Bluetooth® and level dependent hearing protectors

Unparalleled safety and convenience



HEAVY DUTY HEARING PROTECTION WITH BLUETOOTH® CONNECTIVITY

Top-of-the-line Bluetooth® hearing protectors for safety and convenience in noisy and harsh conditions. Specifically designed and built for heavy industry environments where protective gear is essential. Outstanding ambient sound features with exceptional noise-canceling capability provide excellent hearing protection while ensuring clear communication through Bluetooth® enabled devices for safety and convenience.

TWO-WAY RADIO BLUETOOTH® COMPATIBILITY

Motorola	MotoTRBO E-series, R7, TLK-100/150
Tait	TP9000 series
Kenwood	NX-3200/3220/3300/3320/5200/5300/3720/3820/5700(B)/5800(B)
Hytera	H-series, X1 and other Hytera models with Bluetooth
Sepura	STP8000/9000, SC2020, SC21
ICOM	F52/62, F3400/F4400
Caltta	PH600 series



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.

PRODUCT CODES

K6011100010	Savox Noise-COM 500XP
K6011100020	Savox Noise-COM 500XP Cap
K6021100010	Savox Noise-COM 520XP
K6021100020	Savox Noise-COM 520XP Cap
6008250	Hygiene kit

TECHNICAL INFORMATION

	Savox Noise-COM 500XP	Savox Noise-COM 500XP Cap	Savox Noise-COM 520XP	Savox Noise-COM 520XP Cap
Weight	375g	371g	452g	445g
Materials	Plastic and stainless steel (adjustment) ABS+PA (cups) Flexible foam (cushions)	Plastic and stainless steel (adjustment) ABS+PA (cups) Flexible foam (cushions)	Plastic and stainless steel (adjustment) ABS+PA (cups) Flexible foam (cushions)	Plastic and stainless steel (adjustment) ABS+PA (cups) Flexible foam (cushions)
Operating times	80 hours	80 hours	80 hours	80 hours
Recharge time	5 hours	5 hours	5 hours	5 hours

HEARING PROTECTOR ATTENUATION

Noise-COM 500XP	SNR=29dB, H=32dB, M=26dB, L=19dB
Noise-COM 500XP Cap	SNR=29dB, H=32dB, M=27dB, L=20dB
Noise-COM 520XP	SNR=31dB, H=32dB, M=29dB, L=24dB
Noise-COM 520XP Cap	SNR=29dB, H=28dB, M=27dB, L=23dB

HEADBAND FORCE

Noise-COM 500XP	S=10 N, M=10,4 N, L=10,5 N
Noise-COM 500XP Cap	S=8,7 N, M=10,2 N, L=10,3 N
Noise-COM 520XP	S=10,2 N, M=10,9 N, L=11,0 N
Noise-COM 520XP Cap	S=9,8 N, M=10,7 N, L=11,2 N

CUSHION PRESSURE

Noise-COM 500XP	S = 3071,1 P, M = 3033,7 P, L = 3014,8
Noise-COM 500XP Cap	S = 2652,1 P, M = 2984,7 P, L = 2895,6
Noise-COM 520XP	S = 2925,9, M = 2956,7 P, L = 2997,4
Noise-COM 520XP Cap	S = 2484,2 P, M = 2645,4 P, L = 2707,4

COMPLIANCE AND APPROVALS

The product fulfills the requirements of the following Regulations and Directives:

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

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	EN 352-6:2020 EN 352-8:2020
RED	EN 300328 v2.2.2 EN 301489-1 v2.2.3 EN 301489-17 v3.2.4	EN 55032:2015 EN 55032:2015 EN 62368-1:2014
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	116.3 dB(A)

TESTED IN ACCORDANCE WITH EN 352-1:2020

Noise-COM 500XP												mass: 375g		
Frequency, Hz				63	125	250	500	1000	2000	4000	8000	Headband force, N		
Mean Attenuation, dB (M)				17,7	15,1	19,3	26,6	34,9	32,1	41,2	38,3	S	M	L
Standard Deviation, dB (SD)				2,8	2,8	2,7	3,6	3,2	3,0	3,9	4,4	10,0	10,4	10,5
M - SD				14,8	12,3	16,6	23,0	31,7	29,1	37,3	33,9	Signal to noise ratio, dB		
H84, dB	32	H _m	34,6	M84, dB	26	M _m	28,5	L84, dB	19	L _m	21,4	SNR	SNR _m	SNR _s
		H _s	2,4			M _s	2,2			L _s	2,4	29	30,7	2,1

Noise-COM 520XP												mass: 452g		
Frequency, Hz				63	125	250	500	1000	2000	4000	8000	Headband force, N		
Mean Attenuation, dB (M)				24,0	22,1	23,3	31,7	32,7	33,8	41,6	43,6	S	M	L
Standard Deviation, dB (SD)				3,4	2,5	2,7	3,7	3,6	3,9	3,7	3,6	10,2	10,9	11,0
M - SD				20,5	19,5	20,6	28,0	29,1	29,9	37,9	40,0	Signal to noise ratio, dB		
H84, dB	32	H _m	35,5	M84, dB	29	M _m	31,3	L84, dB	24	L _m	26,4	SNR	SNR _m	SNR _s
		H _s	3,0			M _s	2,3			L _s	2,4	31	33,7	2,2

TESTED IN ACCORDANCE WITH EN 352-3:2020

Noise-COM 500XP Cap												mass: 371g		
Frequency, Hz				63	125	250	500	1000	2000	4000	8000	Headband force, N		
Mean Attenuation, dB (M)				18,4	16,8	20,6	28,5	33,5	32,2	41,9	38,0	S	M	L
Standard Deviation, dB (SD)				3,5	3,4	3,3	2,9	2,7	2,8	3,8	5,9	8,7	10,2	10,3
M - SD				14,9	13,4	17,3	25,6	30,8	29,4	38,1	32,0	Signal to noise ratio, dB		
H84, dB	32	H _m	34,7	M84, dB	27	M _m	29,7	L84, dB	20	L _m	23,0	SNR	SNR _m	SNR _s
		H _s	2,8			M _s	2,7			L _s	3,0	29	31,9	2,8

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

3M G3000 (Sizes S, M, L)

Kask Zenith (Sizes M, L)

3M SecureFit (X5000/X5500, Sizes M, L)

Petzl Vertex (Sizes M, L)

Skylotec Inceptor (Sizes S, M, L)

Uvex Pheos/Würth SH2000-S (Sizes M, L)

Noise-COM 520XP Cap												mass: 442g		
Frequency, Hz				63	125	250	500	1000	2000	4000	8000	Headband force, N		
Mean Attenuation, dB (M)				20,0	20,5	24,1	29,8	33,8	29,0	41,3	40,2	S	M	L
Standard Deviation, dB (SD)				2,8	3,5	3,6	4,3	3,7	3,6	4,8	3,9	9,8	10,7	11,2
M - SD				17,8	17,0	20,4	25,5	30,0	25,4	36,6	36,2	Signal to noise ratio, dB		
H84, dB	28	H _m	31,9	M84, dB	27	M _m	30,3	L84, dB	23	L _m	25,8	SNR	SNR _m	SNR _s
		H _s	3,6			M _s	2,9			L _s	2,8	29	32,0	2,9

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Skylotec Inceptor (Sizes S, M, L)

Uvex Pheos/Würth SH2000-S (Sizes M, L)