



PRODUKTINFORMASJON

AutroGuard® lydtrykknivå for summer: toner i henhold til EN 54-3

Dette dokumentet gir en oversikt over lydtrykknivå for EN 54-3-godkjente toner i AutroGuard® multikriterieprotectorserier med summer, inkludert alle varianter av følgende (beskrevet med en "S"):

- V-430-S
- V-430-S-VADR
- V-430-S-VADW
- V-530-S-VADW

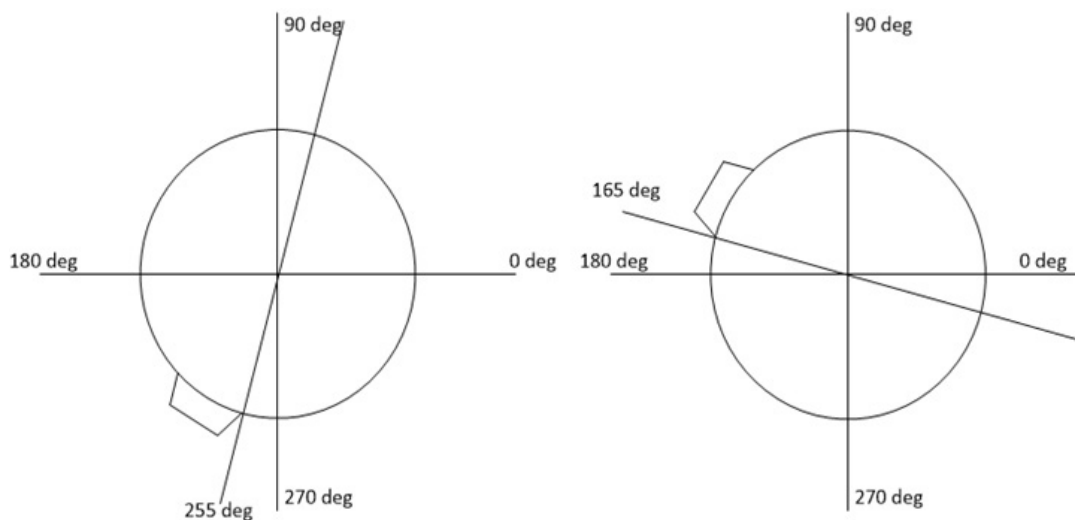
EN 54-3-godkjente toner

Lyd-kilde	Tonetype	Frekvenser	Lyd-mønster	Navn/Bruk	Standard	Høyt vol. maks. dB(A)	Høyt vol. min. dB(A)	Lavt vol. maks. dB(A)	Lavt vol. min. dB(A)
0		915 Hz	Kontinuerlig	Kontinuerlig 915		91	73	84	66
1		500-1200 Hz	3.5 s sveip, 0.5 s AV	Dutch slow whoop 500-1200	NEN2575	93	78	83	70
2		730 Hz & 915 Hz	2Hz	Alternerende 730 & 915	BS Fire tone	90	73	82	65
3		3650 Hz	Kontinuerlig	Kontinuerlig 3650		90	70	90	70
5		800 - 970 Hz	7Hz	Whoop 800-970 7Hz	BS Fire tone	91	77	82	70
7		1200 - 500 Hz	1Hz	DIN tone 1200-500	DIN33404-3	90	77	82	70

Andre standardtoner

Lydkilde	Tonetype	Frekvenser	Lydmønster	Navn/Bruk	Standard
4		800 - 970 Hz	1 Hz	Whoop 800-970 1 Hz	BS Fire tone
6		1830 Hz	Kontinuerlig	Kontinuerlig 1830	
8		457 Hz	Kontinuerlig	Svensk faren over-signal	SS31711
9		457 Hz	0.15 s PÅ, 0.15 s AV	Overhengende fare 457	SS31711
10		915 Hz	0.15 s PÅ, 0.15 s AV	Overhengende fare 915	(SS31711)
11		1800 - 3600 Hz	7 Hz	Whoop 1800-3600 7 Hz	
12		2872 & 3600 Hz	1 Hz	Alternerende 2872 & 3600	
13		1800 - 3600 Hz	1 Hz	Whoop 1800-3600 1 Hz	
14		800 - 970 Hz	0.67 Hz (1.5 s periode)	Whoop 800-970 1.5 s	BS Fire tone
15		3600 - 1800 Hz	1 Hz	DIN tone 3600-1800 Hz	(DIN33404-3)

Målevinkler



Vertikalt plan

Horisontalt plan

Tone 0 - Kontinuerlig 915

Høyt volum: 91.04 dB(A) @ 1 m maks. / 73.34 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	78.94	80.04	1.1	79.84	81.04	1.2
45	73.34	73.64	0.3	82.34	83.34	1
75	90.24	91.04	0.8	76.94	78.34	1.4
105	86.84	87.24	0.4	77.04	77.44	0.4
135	78.94	79.64	0.7	80.94	81.94	1
165	81.54	82.14	0.6	81.74	82.44	0.7
Lavt volum: 84 dB(A) @ 1 m maks. / 66 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	72.84	72.84	0	80.64	81.34	0.7
45	66.14	66.24	0.1	82.74	83.44	0.7
75	83.54	83.54	0	78.44	79.44	1
105	80.44	80.44	0	77.34	78.14	0.8
135	72.74	72.74	0	81.44	82.24	0.8
165	74.74	74.84	0.1	81.64	82.54	0.9

Tone 1 - Dutch slow whoop 500-1200



Høyt volum: 93 dB(A) @ 1 m maks. / 78 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	79.44	80.94	1.5	84.44	86.14	1.7
45	78.04	79.54	1.5	85.04	86.64	1.6
75	91.44	93.04	1.6	80.34	81.54	1.2
105	86.64	88.14	1.5	82.04	83.74	1.7
135	81.04	82.54	1.5	84.74	86.34	1.6
165	81.64	83.24	1.6	85.94	87.54	1.6
Lavt volum: 83 dB(A) @ 1 m maks. / 70 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	71.24	71.34	0.1	75.64	75.74	0.1
45	69.74	70.14	0.4	76.24	76.24	0
75	83.14	83.14	0	70.94	71.74	0.8
105	78.14	78.44	0.3	73.74	73.44	-0.3
135	72.64	72.64	0	75.64	75.64	0
165	73.34	73.34	0	76.94	77.04	0.1

Tone 2 - Alternerende 730 & 915

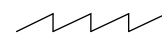


Høyt volum: 90 dB(A) @ 1 m maks. / 73 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	78.44	78.94	0.5	80.14	80.74	0.6
45	72.74	72.74	0	82.24	82.74	0.5
75	89.34	89.84	0.5	75.54	75.64	0.1
105	85.64	86.14	0.5	77.64	78.04	0.4
135	78.24	78.84	0.6	80.74	81.24	0.5
165	80.44	80.94	0.5	81.74	82.24	0.5
Lavt volum: 82 dB(A) @ 1 m maks. / 64 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	70.94	70.94	0	73.54	73.54	0
45	64.64	64.64	0	75.14	74.94	-0.2
75	82.44	82.44	0	68.94	68.94	0
105	78.94	79.04	0.1	71.24	71.04	-0.2
135	72.34	72.24	-0.1	73.94	73.94	0
165	73.14	73.14	0	74.44	74.44	0

Tone 3 - Kontinuerlig 3650

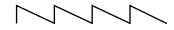
Høyt volum: 90 dB(A) @ 1 m maks. / 70 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	79.74	80.14	0.4	81.84	81.74	-0.1
45	77.04	77.14	0.1	82.44	82.34	-0.1
75	89.74	90.04	0.3	69.94	70.54	0.6
105	86.44	86.64	0.2	81.04	81.14	0.1
135	76.94	77.04	0.1	81.24	81.14	-0.1
165	80.04	80.34	0.3	82.24	82.04	-0.2
Lavt volum: 90 dB(A) @ 1 m maks. / 70 dB(A) at 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	79.24	79.74	0.5	80.84	81.14	0.3
45	77.04	77.34	0.3	81.64	82.04	0.4
75	89.44	89.64	0.2	70.24	70.24	0
105	85.64	86.24	0.6	80.34	80.74	0.4
135	76.54	77.14	0.6	80.24	80.84	0.6
165	79.64	80.14	0.5	81.64	81.94	0.3

Tone 5 - Whoop 800-970 7 Hz



Høyt volum: 90 dB(A) @ 1 m maks. / 77 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	78.64	80.04	1.4	82.74	84.14	1.4
45	79.14	79.64	0.5	82.64	84.04	1.4
75	89.44	90.84	1.4	78.34	79.84	1.5
105	84.64	85.94	1.3	82.04	83.24	1.2
135	77.44	78.84	1.4	81.64	83.04	1.4
165	80.34	81.64	1.3	84.14	85.54	1.4
Lavt volum: 82 dB(A) @ 1 m maks. / 70 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	71.24	71.34	0.1	73.54	74.74	1.2
45	71.64	71.64	0	73.74	74.74	1
75	81.54	81.74	0.2	69.94	70.84	0.9
105	77.44	77.54	0.1	73.14	73.74	0.6
135	69.54	69.84	0.3	72.84	73.54	0.7
165	72.94	73.04	0.1	74.64	75.64	1

Tone 7 - DIN tone 1200-500



Høyt volum: 90 dB(A) @ 1 m maks. / 77 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	78.34	79.44	1.1	82.04	83.44	1.4
45	78.94	79.64	0.7	81.84	83.34	1.5
75	89.24	90.44	1.2	78.14	79.64	1.5
105	84.74	85.54	0.8	81.44	82.54	1.1
135	77.04	78.64	1.6	81.04	82.34	1.3
165	79.94	80.94	1	83.34	84.94	1.6
Høyt volum: 82 dB(A) @ 1 m maks. / 70 dB(A) @ 1 m min.						
Posisjon (grader)	Horisontalt plan dB(A) @ 1 m			Vertikalt plan dB(A) @ 1 m		
	Vmin	Vmax	Diff	Vmin	Vmax	Diff
15	71.04	71.04	0	74.24	74.34	0.1
45	71.24	71.24	0	74.34	74.44	0.1
75	81.64	81.84	0.2	70.74	70.74	0
105	77.74	77.74	0	73.64	73.74	0.1
135	69.84	70.04	0.2	73.14	73.34	0.2
165	72.74	72.74	0	75.14	75.34	0.2