



# NoiseClipper<sup>®</sup>

Especially for industrial use

## Selective hearing protection custom made

The NoiseClipper<sup>®</sup> offers optimum wearing comfort thanks to the perfect fit. The attenuation becomes determined, based on the noise level, by a choice of 4 industrial filters. This provides attenuation over a wide range in the hearing spectrum, even they are more active in the high tones. The unique NoiseClipper<sup>®</sup> ensures optimal protection while enabling the user to have communication in a noisy environment.



For more information visit [variphone.com](http://variphone.com)

# VARIPHONE

Safe and sound hearing

## Excellent hearing protection

Due to NoiseClipper's robust design and simplicity, it is very user friendly and provides a good fit for optimum wearer comfort.

We offer you the choice between 2 different materials: durable Acrylic or a Soft Silicone. The NoiseClipper® can be supplied with an optional cord and clip to prevent loss and is available in various colours.

These hearing protectors are delivered as standard in a durable storage pouch together with detailed instruction leaflet, cleaning cloth and earwax remover.

## Process flow

The manufacturing of this hearing protection requires ear impressions or 3D scans. You can contact our network of distributors, info to find on our webpage: [www.variphone.com](http://www.variphone.com)

## Specifications

CLASSIFICATION	<ul style="list-style-type: none"> <li>1 CANAL DESIGN WITH SELECTIVE ATTENUATION FILTER</li> </ul>
VERSION	<ul style="list-style-type: none"> <li>STANDARD ITC</li> </ul>
MATERIAL	<ul style="list-style-type: none"> <li>HYPOALLERGENIC ACRYLIC OR 60 SHORE MULTIGRADE SILICONE MATERIAL</li> </ul>
WEIGHT	<ul style="list-style-type: none"> <li>ON AVERAGE 4 g</li> </ul>
INDIVIDUAL COMPONENTS	<ul style="list-style-type: none"> <li>4 DIFFERENT ATTENUATION VALUES</li> </ul>
ACCESSORIES	<ul style="list-style-type: none"> <li>POUCH, CLEANING CLOTH, TOOL FOR EARWAX REMOVAL, MANUAL</li> </ul>
OPTIONS	<ul style="list-style-type: none"> <li>VARIOUS COLOURS, CORD, BALL BEARING</li> </ul>
FUNCTIONAL CHECK	<ul style="list-style-type: none"> <li>PNEUMATIC</li> <li>ACRYL: BLUE, WHITE, BLACK</li> <li>SILICONE: BLUE, WHITE, BLACK, RED</li> </ul>
QUALITY LABEL	<ul style="list-style-type: none"> <li>EN 352-2:2020</li> </ul>
TEST REPORT	<ul style="list-style-type: none"> <li>NOISECLIPPER SILICONE-091902-a</li> <li>NOISECLIPPER ACRYLIC-091903-a</li> </ul>

## Attenuation values

NOISECLIPPER SILICONE		Hz	63	125	250	500	1K	2K	4K	8K
Mf/dB		● BLUE	14,7	15,5	16,7	20,4	24,5	31,9	33,9	28,6
		○ WHITE	17,6	18,8	19,1	22,8	25,3	31,5	33,7	27,9
		● BLACK	22,4	22,9	23,6	25,6	27,2	32,8	34,3	30,5
		● RED	26,5	30,6	28,7	30,2	28,9	34,5	37,7	34,3
Sf/dB		● BLUE	5,7	4,9	3,1	4,6	4,7	4,3	2,8	4,7
		○ WHITE	4,5	3,6	2,3	2,2	2,9	3,1	2,4	4,1
		● BLACK	4,8	2,8	2,6	2,8	3,2	3,3	2,5	4,1
		● RED	5,2	4,1	3,7	3,9	3,9	3,1	2,7	5,5
APVf/dB		● BLUE	9,0	10,6	13,6	15,8	19,8	27,6	31,1	23,9
		○ WHITE	13,1	15,2	16,8	20,6	22,4	28,4	31,3	23,8
		● BLACK	17,6	20,1	21,0	22,8	24,0	29,5	31,8	26,4
		● RED	21,3	26,5	25,0	26,3	25,0	31,4	35,0	28,8
FILTER						SNR	H	M	L	
● BLUE		MEAN [dB]				25,8	29,1	23,1	19,1	
		STANDARD DEVIATION [dB]				3,3	3,1	3,6	3,4	
		VALUE [dB]				23	26	20	16	
○ WHITE		MEAN [dB]				27,4	29,6	25,0	21,6	
		STANDARD DEVIATION [dB]				1,6	2,1	1,6	1,9	
		VALUE [dB]				26	28	23	20	
● BLACK		MEAN [dB]				29,7	31	27,4	25,2	
		STANDARD DEVIATION [dB]				2,1	2,3	2,2	2,0	
		VALUE [dB]				28	29	25	23	
● RED		MEAN [dB]				32,4	33,1	30,0	29,3	
		STANDARD DEVIATION [dB]				2,2	2,3	2,9	2,8	
		VALUE [dB]				30	31	27	27	
NOISECLIPPER ACRYLIC		Hz	63	125	250	500	1K	2K	4K	8K
Mf/dB		● BLUE	10,6	9,2	11,0	14,1	23,0	30,6	33,2	25,1
		○ WHITE	14,8	14,9	16,5	19,4	24,9	32,7	34,5	28,9
		● BLACK	21,2	23,1	22,5	25,6	29,2	33,0	37,5	32,0
		● RED	27,7	30	27,8	29,6	32,0	36,8	42,2	39,3
Sf/dB		● BLUE	3,6	2,9	2,9	2,3	3,5	2,5	2,9	5,4
		○ WHITE	5,8	4,4	3,7	2,9	2,7	3,4	2,5	6,5
		● BLACK	3,5	3,8	3,2	3,0	3,2	2,9	2,6	5,9
		● RED	4,2	4,9	4,2	2,5	4,0	2,9	3,1	5,4
APVf/dB		● BLUE	7,0	6,3	8,1	11,8	19,5	28,1	30,3	19,7
		○ WHITE	9,0	10,5	12,8	16,5	22,2	29,3	32,0	22,4
		● BLACK	17,7	19,3	19,3	22,6	26,0	30,1	34,9	26,1
		● RED	23,5	25,1	23,6	27,1	28,0	33,9	39,1	33,9
FILTER						SNR	H	M	L	
● BLUE		MEAN [dB]				21,4	27	18,6	13,2	
		STANDARD DEVIATION [dB]				2,1	2,4	2,2	2,2	
		VALUE [dB]				19	25	16	11	
○ WHITE		MEAN [dB]				25,4	29,2	23,0	18,6	
		STANDARD DEVIATION [dB]				1,8	2,1	2,3	2,9	
		VALUE [dB]				24	27	21	16	
● BLACK		MEAN [dB]				30,3	32	28,2	24,9	
		STANDARD DEVIATION [dB]				2,3	2,5	2,4	2,5	
		VALUE [dB]				28	30	26	22	
● RED		MEAN [dB]				34,5	36,2	31,9	29,7	
		STANDARD DEVIATION [dB]				2,5	2,3	2,9	3,2	
		VALUE [dB]				32	34	29	27	

Mf: average attenuation  
 Sf: standard deviation  
 APVf: assumed protection value  
 SNR: Single Noise Rating  
 H: mean attenuation in mainly high frequency noise (> 2000 Hz)  
 M: mean attenuation in mid frequency noise (500-2000 Hz)  
 L: mean attenuation in low frequency noise (< 500 Hz)



Silicon



Acrylic

Authorised distributor



HEARING HEALTHCARE

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