



Variphone®

Adjustable, custom made hearing protector

Unique and verifiable 2-canal design from Variphone

A good fit is very important for wearer comfort and the frequency of wearing. For these reasons the Variphone® hearing protector is fully custom made through to individual measuring.

The unique 2-canal design of the Variphone® allows fast and efficient tuning of the attenuation quality controls including regular checkups. The adjustable valve allows the attenuation to be set to reduce the noise load to a safe level. The fine tuning of the attenuation, with accuracy of 2 dB, results in retaining the best ability to communicate.



For more information visit variphone.com

VARIPHONE

Safe and sound hearing

The Variphone® is suitable for industrial purposes where employees are looking for revolutionary, sustainable and qualitative hearing protection made of hard material (acrylic). Optionally we also offer the possibility to include a cord and / or clip to help prevent loss. These hearing protectors are delivered as standard in a durable storage pouch together with detailed instruction leaflet, cleaning cloth and earwax remover.

3D production

The manufacture of these hearing protection requires ear impressions. You can contact our network of distributors (more info on www.variphone.com) or through our team of audiologists / hearing coaches.

The impressions are scanned with a 3D scanner before starting the modeling. The 3D printer will print the otoplastics after they are finished with a hypoallergenic coating. Then the filters are fitted and they are ready for use. 3D manufacturing results in a higher degree of precision: these are exact replicas of the ear impressions. Due to our free archiving of your 3D files (scanned impressions) it is not normally necessary to take new impressions for some years.

A second appointment is needed for final delivery by our dealer/audiologist. During this visit a seal test (functional check) is performed and individual guidance is given concerning the use and maintenance of the hearing protectors.

The Variphone hearing protection is very suitable for joining the Healthy Hearing Program to prevent increased hearing damage. For more information consult your supplier or visit www.hearingcoach.com

Authorised distributor



Specifications

CLASSIFICATION	• UNIQUE 2 CANAL DESIGN WITH ADJUSTABLE ATTENUATION
VERSION	• STANDARD ITC
MATERIAL	• HYPOALLERGENIC ACRYLIC
WEIGHT	• ON AVERAGE 4 g
IDENTIFICATION	• UNIQUE NUMBERING + 3D ARCHIVE
INDIVIDUAL COMPONENTS	• ADJUSTABLE ATTENUATION • LEAK TEST CANAL • RED AND BLUE CAPS (L-R CODING)
ACCESSORIES	• POUCH, CLEANING CLOTH, TOOL FOR CLEANING EARWAX, MANUAL
OPTIONS	• VARIOUS COLOURS CORD, CLIP, BALL BEARING (FOR METAL DETECTION).
FUNCTIONAL CHECK	• PNEUMATIC AND ACOUSTIC
QUALITY LABEL	• EN 352-2: 2002 (DIN EN 352-2: 2003)
TEST REPORT	• 91605

Attenuation values

VARIPHONE									
Hz	63	125	250	500	1K	2K	4K	8K	
Mf/dB									
HIGH	25,7	29,5	27,7	30,5	31,7	35,7	42,9	43,4	
MEDIUM	22,7	25	23,8	25,8	27,9	33,8	37,1	31,6	
LOW	12,7	15,8	16,9	19,8	24,5	31,5	34,2	27,1	
Sf/dB									
HIGH	4,1	1,9	2,9	5,0	4,0	3,5	2,4	3,9	
MEDIUM	4,0	4,0	3	3,5	3,1	4,2	3,6	4,3	
LOW	3,0	3,8	2,6	1,8	2,6	2,9	2,4	6,2	
APV/dB									
HIGH	21,6	24,6	24,8	25,5	27,7	32,2	40,5	39,5	
MEDIUM	18,7	21	20,8	22,3	24,8	29,6	33,5	27,3	
LOW	9,7	12,0	14,3	18,0	21,9	28,6	31,8	20,9	
SNR/dB									
					SNR	H	M	L	
HIGH					32	33	28	26	
MEDIUM					28	29	25	23	
LOW					24	26	21	17	

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)

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