Process

An ear impression is required to be able to produce these custom hearing protectors. In order to do that, you can contact one of our certified dealers (more info on www.variphone.com) or our team of audiologists/HearingCoaches. Once these imprints have arrived, the production process in our laboratory can start.

A second appointment is needed for 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 protection.

Attenuation values

MEP 2G MUSIC

Hz	63	125	250	500	1 K	2 K	4 K	8 K
Mf/dB								
BLUE	17,5	16,6	15,3	15,4	15,4	17,0	16,1	25,5
WHITE	25,7	24,6	23,7	23,1	21,9	17,8	18,2	24,8
BLACK	25,9	28,2	26,8	27,8	25,7	24,2	20,5	36,5
Sf/dB								
BLUE	3,9	2,4	3,1	4,0	2,4	3,0	2,7	3,8
WHITE	3,3	3,7	2,5	2,4	2,4	2,5	2,4	4,8
BLACK	4,0	3,9	3,3	4,9	3,7	3,7	3,8	5,7
APVf/dB								
BLUE	13,6	14,2	12,2	11,4	13,0	14,0	13,4	21,7
WHITE	22,4	20,9	21,2	20,7	19,5	15,3	15,8	20,0
BLACK	21,9	24,3	23,5	22,9	22,0	20,5	16,7	30,8

SNR/dB	SNR	H	M	L
BLUE	15	14	13	13
WHITE	19	16	18	19
BLACK	22	19	21	22

MEP 2G INDUSTRY

Hz	125	250	500	1 K	2 K	4 K	8 K
APVf/dB							
GREY	8	9	12	18	22	25	28
YELLOW	16	17	17	21	25	28	29
RED	19	21	19	23	26	27	30

SNR/dB	SNR	H	M	L
GREY	19	23	16	11
YELLOW	24	26	21	18
RED	26	26	23	21

MEP 2G SHOOTING

Hz	63	125	250	500	1 K	2 K	4 K	8 K
Mf/dB								
IMPACT	19,5	22,4	22,9	23,9	23,9	29,0	26,8	34,7
Sf/dB								
IMPACT	3,3	3,7	3,2	2,2	2,1	3,2	4,9	4,8
APV/dB								
IMPACT	16,2	18,7	19,7	21,7	21,8	25,8	21,9	29,9

SNR/dB	SNR	H	M	L
IMPACT	25	24	22	21

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)

Authorised distributor

VARIPHONE

Safe and sound hearing

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Accredited Service Provider
HearingCoach®

MEP 2G

Modular Ear Plug Second Generation

One pair of hearing protectors, several possibilities/applications

Experience your passion as never before with Variphone hearing protection. Due to continuous product improvement and development MEP 2G resulted from high quality customizing and is unique, due to its wide range of possibilities.

MEP 2G

2G Music

The MEP 2G Music is the most recent generation of hearing protectors with linear attenuation. Musicians, music lovers and concert visitors will be able to experience sound as before, due to the unique design, but at reduced sound levels and while preserving sound quality. The filters are integrated into the module which makes exchanging of filters easy, guaranteeing an optimal ease of use. In this product range 4 different attenuation values are available: 10, 15, 19 and 22 dB.

Specifications

CLASSIFICATION	1-CANAL DESIGN WITH LINEAR FILTERING
VERSION	STANDARD IN-THE-CANAL
MATERIALS	70 SHORE SILICON
WEIGHT	ON AVERAGE 3 g
IDENTIFICATION	NAME ENGRAVING POSSIBLE
COMPONENTS	ATTENUATION FILTERS: 10,15, 19 AND 22 dB
OPTIONS	MULTIPLE COLOURS, CORD, DETECTION BULLET
FUNCTIONAL CHECKS	PNEUMATIC
QUALITY LABEL	EN 352-2: 2002 (DIN EN 352-2: 2003)
TEST REPORT	91302-1

2G In-Ears

The MEP 2G In-Ear is a single driver In-Ear especially designed for experiencing good quality sound from your favorite personal audio equipment. The main characteristic of this in-ear monitor is its realistic and dynamic sound at an affordable price. In combination with the MEP 2G hearing protector this system offers you incomparable comfort, excellent sound isolation and accurate sound reproduction which meets all requirements of any music lover.

Specifications

NOMINAL CAPACITY	1 mW
MAXIMAL CAPACITY	3 mW
IMPEDANCE	32 Ohm (1 kHz)
OUTPUT	95 dB (+/- 3 dB @ 1 mW)
DRIVER	SINGLE DRIVER
FREQUENCY RANGE	28 Hz - 18 kHz

2G Industry

The MEP 2G Industry is a hearing protector equipped with industrial filters, with attenuation mainly in the high frequency region for use at the work place and/or for other industrial noise exposure. The filters are integrated into the module which makes exchanging of filters easy, guaranteeing an optimal ease of use. In this product range 3 different attenuation values are available: 19, 24 and 26 dB

2G Broadcast

The MEP 2G Broadcast can be used for broadcast and security applications. The broadcast adapter for use with the MEP 2G is provided with an acoustic tube which is connected to a miniature speaker. This makes discrete communication up to noise levels of 95 dB possible.

Headset for MEP 2G: Single/Dual 2G Boom Mic

The Headset for MEP 2G Boom Mic makes communication possible in high noise environments , as opposed to hands free communication with telephone or walky-talky. This unit is equipped with a special noise cancelling microphone, and in combination with MEP 2G, can be connected to most mobile phones and walky-talkies.

Specifications

MICROPHONE	NOISE CANCELLING MICROPHONE
VERSION	SINGLE OR DUAL

2G Shooting

The MEP 2G Shooting is a passive hearing protector for shooting with a high impact filter. These special filters make sure that ears are well protected against impulse sound. Excessive exposure to impulse sounds, like shooting exercises (professional and recreational), can lead to irreversible hearing damage. Using adequate hearing protection during shooting can prevent this.

2G Nanocom

The 2G Nanocom is an ultra-lightweight custom headset for aviation. The Nanocom on the one hand has an improved high fidelity sound speaker system and on the other hand a flexible 'Shape & Stay' amplified boom microphone for which crystal clear, noise free communication can be maintained. The quick release lanyard makes sure that the cables run to every earpiece and as such are held in place.

Every NanoCom has been equipped with an audioport, PJ055 and PJ068 jack plug (other connectors available).

Just like the MEP 2G headset, the Nanocom can be connected to the MEP 2G hearing protector fairly easy.

Specifications

WEIGHT	4 g
MICROPHONE	SHAPE & STAY FLEXIBLE BOOM
EARPIECE	CUSTOM MADE SILICON EARPIECE