



Varicom[®]

When communication needs to be understood

2-Way communication and hearing protection all-in-one

Communication problems often occur during operations or other activities in noisy environments. The standard hearing protection often limits speech understanding and communication over longer distance is often impossible. The use of walky-talkies can more or less meet these requirements but often are not sufficient either. Varicom can offer a good solution in these circumstances.

For more information visit variphone.com

VARIPHONE

Safe and sound hearing

Excellent Hearing Protection

Varicom® is a custom made ear piece with a high quality microphone and speaker. The electronics have been integrated into the ear piece and are as such shielded from any environmental noise which of course improves speech intelligibility. Varicom offer not only a good communication system, but also an excellent hearing protector.

Functionality

Varicom® can be connected to the most common Walkie-Talkies through a PTT (Push-to-Talk) interface. The PTT-interface contains all electronics for signal conditioning and gives the command for send and receive mode. For an incoming call the user will receive the signal directly in the ear. When outgoing communication is needed, the microphone will be activated when pushing the PTT button and will send the amplified signal, that has been received in the ear canal, on to the recipient's walky-talky. This type of communication is based on the 'ear speech' principle.

Process

Varicom® are produced from an ear impression. This impression is made into an individual communication ear piece with built-in electronics and connection to the PTT-interface with durable LEMC connector in our in-house laboratory (left or right, as preferred). A second appointment is needed for delivery by our dealer/audiologist. During this visit check is performed for seal and comfort.



Custom
Varicom



Universal
Varicom

Specifications

CLASSIFICATION

- HALF DUPLEX COMMUNICATION SYSTEM BASED ON THE EAR SPEECH PRINCIPLE

VERSION

- CUSTOM FULL CONCHA
- UNIVERSAL 3 FLANGE SILICON EARTIPS (3 SIZES)

MATERIALS

- HYPOLLERGENIC ACRYLIC

WEIGHT

- 15 g

IDENTIFICATION

- UNIQUE NUMBER

INDIVIDUAL COMPONENTS

- MINIATURE MICROPHONE AND SPEAKER
- CABLE FORTIFIED WITH KEVLAR
- DURABLE CONNECTOR FOR PTT-INTERFACE
- EAR GEAR (STRAIN RELIEF)

ACCESSORIES

- LIGHTWEIGHT POUCH
- CLEANING CLOTH
- TOOL FOR REMOVING EARWAX
- MANUAL

OPTIONS

- MANY COLOUR OPTIONS
- SOFT CANAL TIP

ATTENUATION

- ON AVERAGE 27 DB (1 kHz)

ELECTRONIC SPECIFICATIONS

- DC - RESISTANCE: 825 Ohm
- IMPEDANCE: 3050 OHM (1 kHz)
- TOTAL HARMONIC DISTORTION: 1,5% - 5% MAX (AT 800 Hz)

Authorised distributor

VARIPHONE

Safe and sound hearing

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