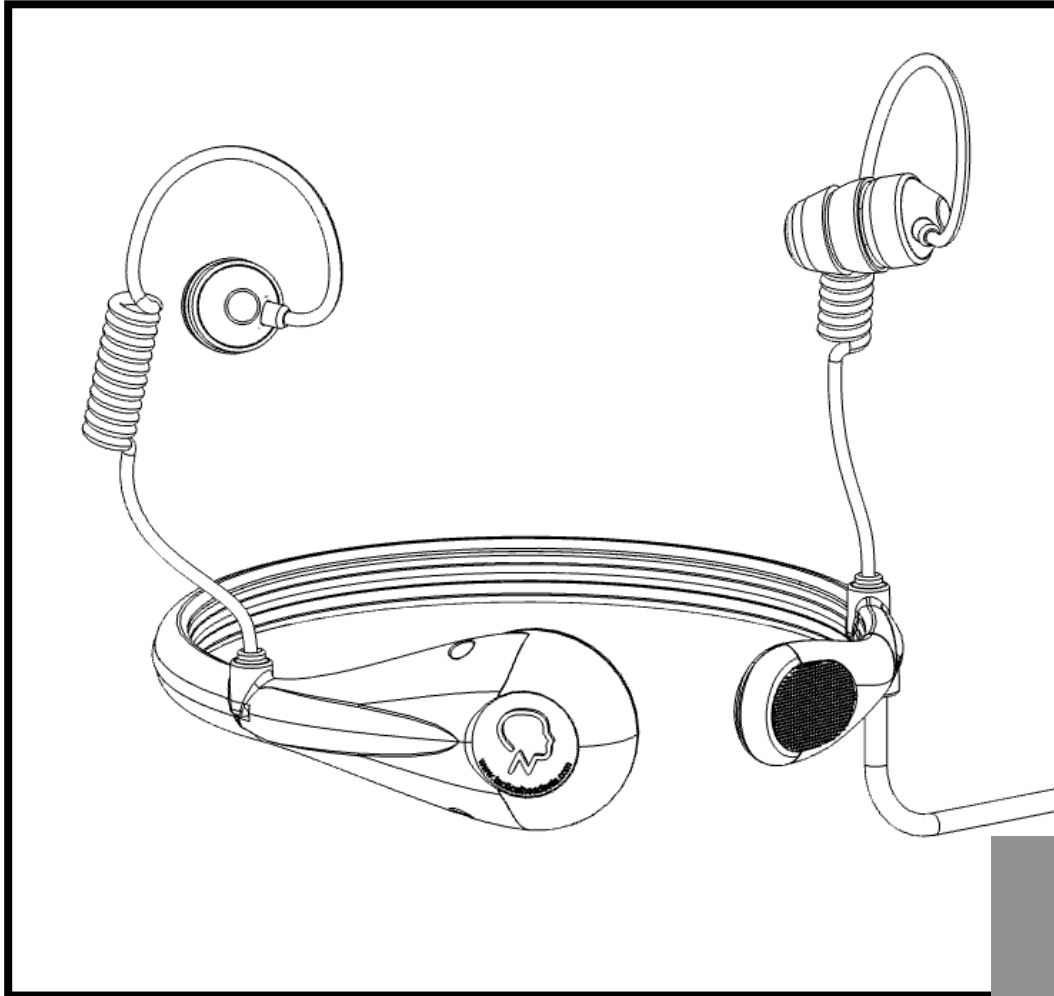




TACTICAL HEADSETS

www.tacticalheadsets.com



- **IN-EAR**
- **LIGHTWEIGHT**
- **NECKMIC**
- **EN352-2**
- **EN352-9**
- **UP TO SNR29**
- **MADE IN SWEDEN**

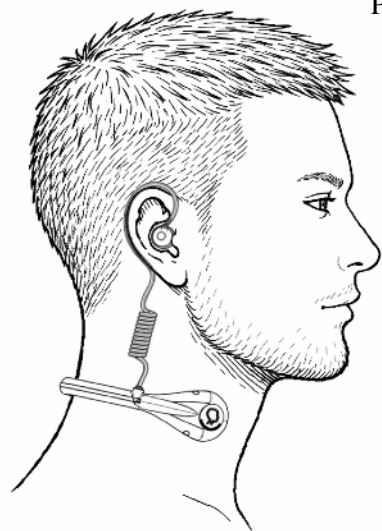
M11 Pro Headset

NO MORE NOISE, JUST YOUR VOICE

Loud and clear communication in any noise or environment

Tactical Headsets declares that the Model M11 Pro headset assembly is conformant to the regulation EN 352-2:2020+A1:2024 and EN 352-9:2020+A1:2024., as well as the EMC directive 2014/53/EU for hearing protection with electronics.

PLACEMENT OF HEADSET



Position the Neckmic so that the microphone element (logo) is placed directly against the skin of the neck. **Ensure that the microphone maintains continuous contact with the neck-skin during use.** Adjust the headset so that it fits securely but comfortably, without excessive pressure that may cause discomfort.

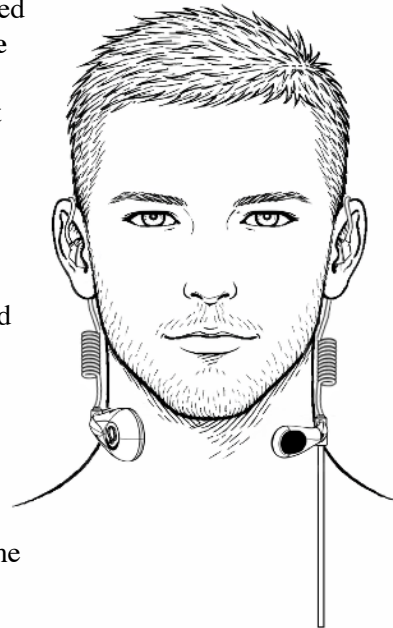
Verify correct placement before operation by performing a communication check.

Improper placement or loss of contact between the microphone and the neck-skin may result in reduced speech transmission quality.

Route the in-ear speaker cable over and around the ear so that it functions as an ear-loop.

Using the cable in this manner helps secure the in-ear speakers in the correct position during use and movement.

Ensure the speakers sit comfortably in the ear and that the cable provides light retention without excessive tension.



EARPLUG OPTIONS AND ATTENUATION

The headset is supplied with interchangeable re-usable earplugs that provide certified hearing protection when correctly selected and fitted. Refer to the attenuation table on page (4) for detailed performance values.



Silicone Earplugs – SNR 25

Two sizes of silicone earplugs (SNR 25) are included.

- Select the size that provides the best seal in the ear canal.
- Correct sealing is essential to achieve the stated attenuation and certified hearing protection performance.
- When inserted correctly, ambient noise will be reduced efficiently.
- If the seal is incomplete, attenuation performance may be reduced.



Foam Earplugs – SNR 29

For higher attenuation, use the supplied foam earplugs (SNR 29). Foam earplugs are available in three sizes: Large (L), Medium (M), and Small (S).

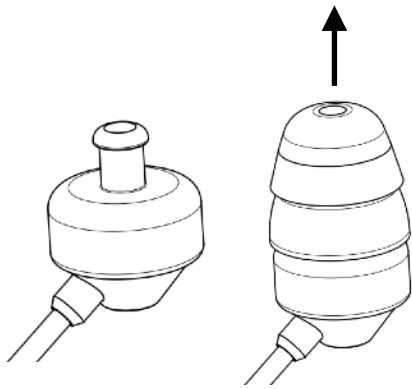
To insert correctly:

1. Select the size that best fits your ear canal.
2. Compress the foam earplug by rolling it into a thin cylinder.
3. Insert the compressed earplug into the ear canal.
4. Hold in place and allow approximately 30 seconds for the foam to expand and form an optimal seal.

Proper selection and insertion of earplugs are required to achieve the stated attenuation values and to maintain compliance with tested hearing protection performance.

Earplugs should be worn at all times in noisy surroundings.

If the recommendations above are not adhered to, the protection afforded by the earplugs can be severely impaired.



EARPLUG REPLACEMENT AND CARE

To change earplugs, pull the earplug straight off the speaker and push a new earplug firmly into place.

Silicone earplugs:

Silicone earplugs may be removed from the headset and cleaned with mild soap and water. Rinse thoroughly and allow them to dry completely before reattaching to the speaker.

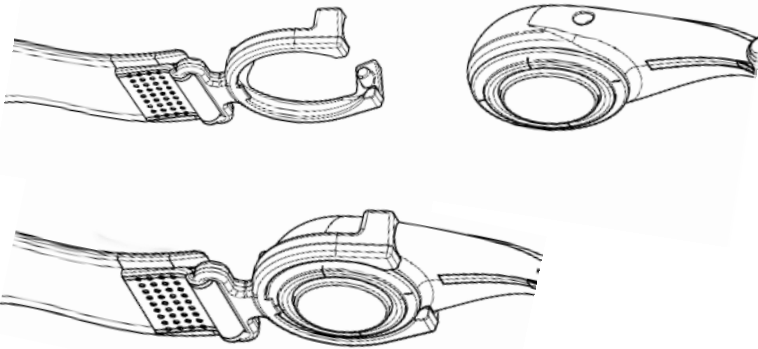
Foam earplugs:

Foam earplugs are not washable and must be replaced when worn out or soiled.

Always ensure that earplugs are clean, undamaged, and in good condition before use.

Worn or damaged earplugs may result in reduced attenuation and decreased hearing protection performance.

SECURING THE HEADSET WITH FIXSTRAP

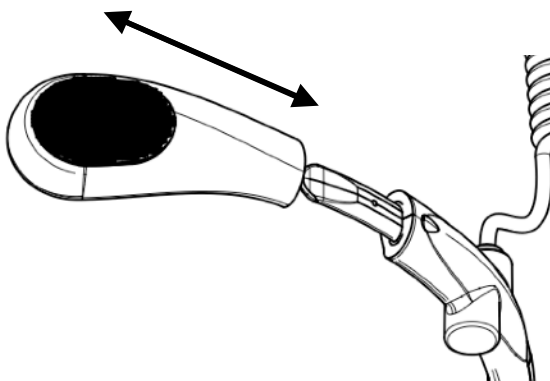


To ensure the microphones position is correct at all times there is a soft hook and loop "Fix-mount" included in the package.

The fix-mount is easy to put on, with a click mount on one side and velcro on the other. The Velcro band should be cut to a suitable length after first fitting.

INTERCHANGEABLE NECKBAND EXTENSION

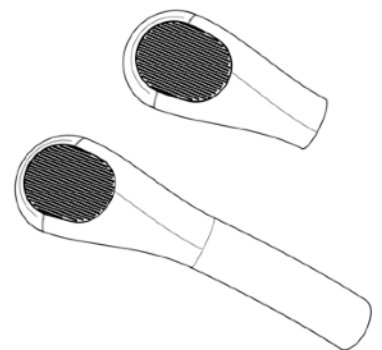
Two interchangeable extension connectors (female parts) are included.



To remove: pull the connector straight out in line with the neckband. Do not bend, twist, or pry the connector during removal.

To install: align the female connector with the male connector and push straight on until fully seated. Do not bend the connector while attaching.

Improper handling may damage the connectors and affect performance.



WARNING

Sudden or fast removal of the earplugs from the ear canal may damage the ear drum.

The output of the audio circuit of this hearing protector may exceed the exposure limit level.

This product should not be used for entertainment since the output level is not limited to the necessary innocuousness level.

This product may be adversely affected by certain chemical substances. Refer to the manufacturer for further information. This hearing protector is provided with safety-related audio input. The user should check correct operation before use. If distortion or failure is detected, the user should refer to the manufacture's advice for maintenance.

Technical data specifications

Materials:	Neckband: PA Neckband spring: Steel Earplugs: Silicon, Polyurethane Speaker cabinets: Aluminum Nylon strengthened cables: TPE, TPU	Electrical audio input / Elektrischer Audioeingang	
Weight:	Headset: 50 grams	Maximum allowed input voltage provided by the manufacturer	About -0,4 dBVrms
Speakers:	16 Ohm	Criterion input voltage:	-37,0 dBVrms (14,2mVrms)
Microphone:	Noise cancelling Neck microphone	Sound output level at maximum input voltage:	118,3 dB(A) at -0,4 dBVrms
Operating temperature:	-40°C to +100°C	Usage time for the maximum input voltage that corresponds to an equivalent sound output level of 82dB(A) over 8h	0,00 h
Storage temperature:	-20°C to +55°C	The relationship between sound output level and input signal in 5dB steps from a sound output level ca.70dB(A) up to 115 dB(A)	See tables below
Product life:	5 years		
CE-Certification	EN 352-2:2020+A1:2024, EN 352-9:2020+A1:2024		

Relationship between sound output level and input signal

SPL dB (A)	70	75	80	85	90	95	100	105	110	115
Input Voltage (dBVms)	-49,1	-44,0	-39,0	-34,0	-29,0	-24,0	-19,0	-14,0	-9,0	-3,9

Attenuation Europe

SILICON EARPLUG

	SNR	H	M	L
Mean	28.9	30.1	26.4	25.1
StD	3.8	4.3	3.8	3.7
Mean-StD rounded	25	26	23	21

FOAM EARPLUG

	SNR	H	M	L
Mean	31.4	33.9	28.5	25.7
StD	2.7	3.1	2.7	3.1
Mean-StD rounded	29	31	26	23

Frequency [Hz]	Mean [dB]	StD [dB]	APV
63	24.3	6.3	18.0
125	25.2	5.2	20.0
250	24.7	4.2	20.5
500	25.2	4.5	20.7
1000	26.2	4.3	21.9
2000	32.3	4.6	27.7
4000	30.2	6.1	24.1
8000	41.4	5.8	35.6

Frequency [Hz]	Mean [dB]	StD [dB]	APV
63	21.3	5.3	16.0
125	23.1	4.8	18.3
250	24.3	3.5	20.8
500	26.2	3.5	22.7
1000	28.5	3.2	25.3
2000	34.7	4.5	30.2
4000	38.5	5.3	33.2
8000	43.9	4.7	39.2

Tactical Headsets declares that the Model M11 Pro headset is conformant to the regulationEN 352-2:2020+A1:2024 and EN 352-9:2020+A1:2024, as well as the EMC directive 2014/53/EU for hearing protection with electronics.

The complete text of the European Declaration of Conformity can be found under <https://tacticalheadsets.com/HOME/PRODUCTS/>
Tactical Headsets Sweden AB, 361 97, Boda Glasbruk, Sweden

Certified and supervised by PZT GmbHBismarckstrase 264 B26389 WilhelmshavenGermany
This product undergoes yearly surveillance according to Module C2



Revision 3
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