

Model LW-10

Light weight,
Radio-Transmit Headset
with Glove Rugged™ Plug
and In-Line Control Box

Part Number: 105-0140-00



Two-Year Limited Warranty to the Original Purchaser

Sonetics Corporation warrants to the original purchaser of its products, that they will be free from defects in materials and workmanship, under normal and proper use, for the period of two years from date of purchase. Sonetics Corporation will repair or replace, at its option, any parts showing factory defects during this warranty period, subject to the following provisions. This warranty applies only to a new product which has been sold through authorized channels of distribution. All work under warranty must be performed by Sonetics Corporation. All returned products must be shipped to our address, freight prepaid, accompanied by a dated proof of purchase. The purchaser voids this warranty if he, she or others attempt to repair, service or alter the product in any way. This warranty does not apply in the event of accident, abuse, improper installation, unauthorized repair, tampering, modification, fire, flood, collision, or other damage from external sources, including damage which is caused by user replaceable parts (leaking batteries, etc.). This warranty does not extend to any other equipment or apparatus to which this product may be attached or connected. The foregoing is your sole remedy for failure in service or defects. Sonetics Corporation shall not be liable under this or any implied warranty for incidental or consequential damages, nor for any installation or removal costs or other service fees. This warranty is in lieu of all other warranties, express or implied, including the warranty of merchantability or fitness of use, which are hereby excluded. To the extent that this exclusion is not legally enforceable, the duration of such implied warranties shall be limited to two years from date of purchase. No suit for breach of express or implied warranty may be brought after two years from date of purchase.

Features

- Behind-the-head, ultralight headband
- In-Line control box with belt clip
- Detent volume control located on the control box
- Push-To-Talk (PTT) located on the control box
- Flexible mic boom for accurate mic positioning
- Coiled cord which extends up to 6 feet
- Designed for listening to all radio and intercom communication
- Capable of transmitting on the intercom and on the radio
- Two-year warranty



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Proper Fit

The headband is to be worn behind the head with the speaker located on the left ear.

Microphone Placement

Place the microphone in front of the mouth and **NOMORE** than 1/8" away from the lips as shown in the diagram below. Placement of the microphone is **CRITICAL** for proper operation.

 **If the microphone is positioned incorrectly, you may experience a reduction in volume and clarity of intercom and radio communication.**

Headset Volume

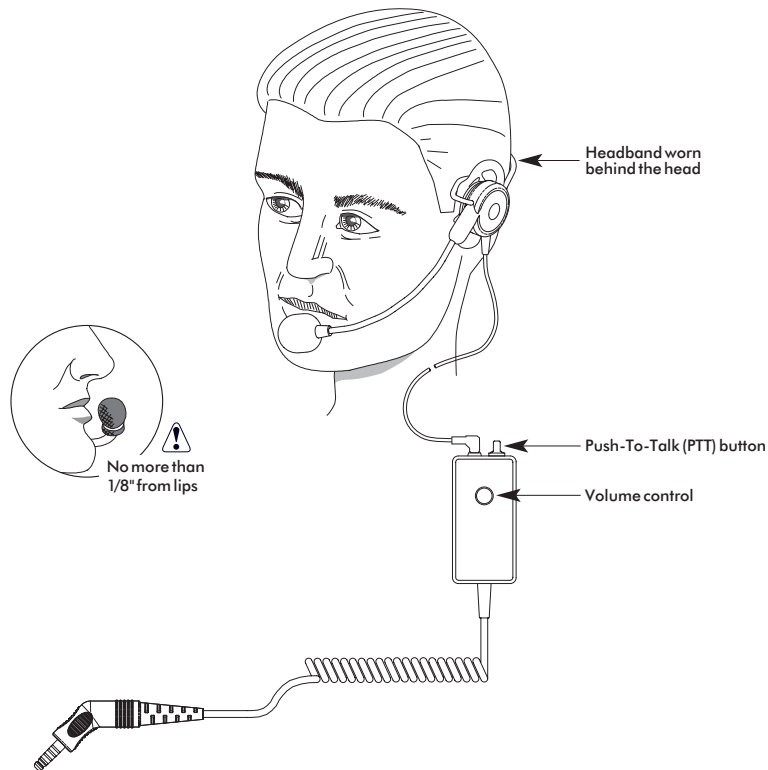
Turn the intercom volume down. Preset each headset volume to the highest setting (full clockwise). Set the intercom volume to a level above the normal comfortable listening level, but at a level which does not cause distortion. Reset the individual headset volume for best listening level.

Intercom Communication

The headset microphone is always active for intercom communication. Simply speak into the microphone to be heard over the intercom.

Radio Transmit

The LW-10 headset has a Push-To-Talk (PTT) button on the in-line control box. Pressing this button will key the radio. Press and hold the PTT while speaking into the microphone to transmit on the radio.



Mic Muffs

The headset microphone is covered with a replaceable foam mic muff. This mic muff helps prevent the "pops" and "hisses" that can occur from speaking into a microphone that is close to the mouth.

Replacement Parts & Accessories

Description	Part Number
Mic Muffs, (Qty5)	108-0004-60
Clothing Clip	108-0057-00
Ear Pad	108-0061-00
Temple Pad	108-0062-00

Specifications

Headset

Performance	90 dB with AVG SPL (300=3KHz) @ .387 VRMS input
Frequency Response	100-17,000 Hz +5 dB in 6 cc coupler
Impedance	.150 ohm@1KHz
Weight	0.69 oz.

Microphone

DC Bias Supply	8-16 volts, not polarity sensitive
Source Resistance	220 to 2200 ohms
Sensitivity	-40 dB Typ@94 DB SPL
Frequency Response	Optimized for speech clarity and noise reduction