

Replacement Parts & Accessories

Description	Part Number
300 Ohm Speaker	108-0008-00
Acoustic Foam Set, 3 pieces (internal)	108-0027-00
Boom Assembly (flex)	108-0015-00
Cloth Covers (a dozen pairs)	108-0003-00
Ear Seals - Standard (pair)	108-0012-00
Grommet, Bend Relief (Comm Cable)	471-0002-10
Headstrap	108-0025-00
Mic Muffs with O-Rings (dozen)	108-0004-00
PTT - Red	108-0010-01
Volume Control, Potentiometer	151-0001-00
Volume Control, Knob	551-0001-00

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 one (1) year 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 one (1) year from date of purchase. No suit for breach of express or implied warranty may be brought after one (1) year from date of purchase.



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Direct-Wire Headset Under-The-Helmet



Features

- Liquid foam ear seals for greater comfort
- Unbreakable, adjustable headstrap
- Detent volume control located on the ear dome
- Push-To-Talk (PTT) located on the ear dome
- Flexible mic boom with slide adjustment for accurate mic positioning
- Mic boom and rear headband rotate for right or left dress
- Noise canceling electret microphone
- Meets NFPA 1500 standards, reducing ambient noise by 24dB
- Two-year warranty



Radio Connection

The Firecom direct-wire headset plugs into the speaker mic jack on the handheld radio and replaces any speaker mic that may be presently attached to the radio.

Proper Fit

When worn properly, this headset will provide significant hearing protection. If it is not worn properly, the headset's effectiveness in reducing harmful noise is severely compromised.

- The length or vertical fit of the headset ear dome is adjusted by the headstrap. Adjust as necessary to achieve a fit that ensures the headset ear dome completely covers the ear.
- When switching between right and left dress, rotate the mic boom in an upward direction ONLY, as shown in the diagram below.

⚠ Rotating the mic boom in the wrong direction may damage the boom or wiring.

- The metal headband should be rotated in an upward direction ONLY as shown in the diagram below.

⚠ Damage to the headband cable may result from rotating the metal headband in the wrong direction.

- For maximum comfort, wear the headset as far back on the head as possible, while ensuring the ear dome still completely covers the ear. If discomfort is felt in the jawbone, you are wearing the headset too far forward.

Microphone Placement

Place the microphone in front of the mouth and NO MORE than 1/8" away from the lips as shown in the diagram below. Placement of the microphone is CRITICAL for proper operation.

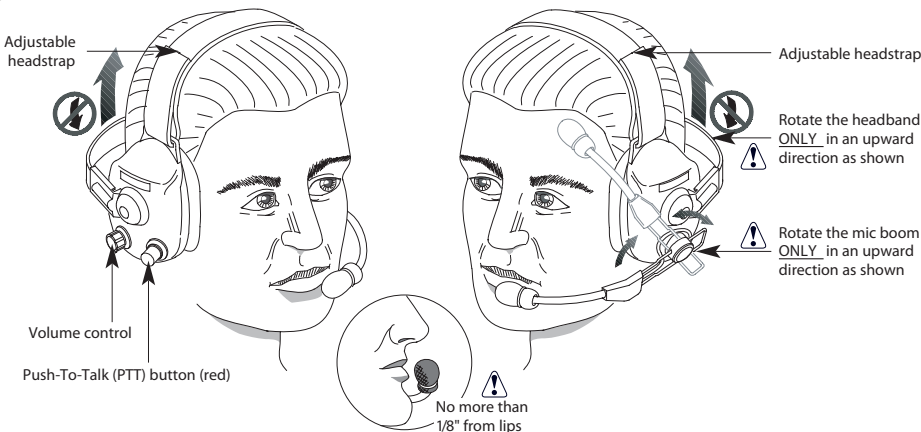
⚠ If the microphone is positioned incorrectly, you may experience a reduction in volume and clarity of intercom and radio communication .

Headset Volume

The volume of received radio communications is controlled primarily by the radio's volume control. There is a volume control located on the ear dome of the headset for minor volume adjustment.

Radio Transmit

The Firecom direct-wire headset has a red Push-To-Talk (PTT) button on the ear dome. Pressing this button will key the radio. Press and hold the PTT while speaking into the microphone to transmit on the radio. Note: In order to maintain contact, firmly depress the PTT switch until you hear or feel a click.

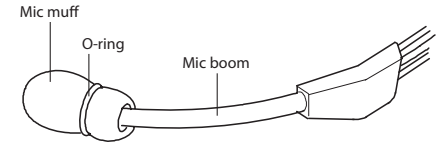


Mic Muffs

The headset microphone is covered with a washable, 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.

To clean or replace the mic muff:

1. Remove the o-ring.
2. Slip the mic muff off the microphone.
3. At this time, you can decide whether to clean or replace the mic muff.



⚠ If you clean the mic muff, use a mild detergent, rinse it out well and let it dry completely before re-installing it on the microphone.

4. Slide the mic muff on the microphone.
5. Install the o-ring on the mic muff to secure it.

Replacement mic muffs may be ordered from your local Firecom dealer.

Specifications

Headsets

Sensitivity	104dB re .0002 microbar @ 1000 Hz, 1 mW
Frequency Response	100-17,000 Hz +5 dB in 6 cc coupler
Impedance	600 ohms nominal, 150 to 1200 ohm source
Weight	19.6 oz.
Noise Reduction Rating (NRR)	24dB

Subject	Frequency in Hz								
	125	250	500	1000	2000	3150	4000	6300	8000
Mean	18.4	25.6	30	34.4	32.4	38.3	40.6	40.6	39.6
Std. Dev	3.8	3.7	3.8	2.6	3.2	4.1	4.2	3.9	3.8

To the user, the EPA requires the manufacturer to provide the following information:

NOTICE: Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit.

Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the Noise Reduction Rating (NRR) is based on the attenuation of continuous noise and may not be accurate indicator of the protection attainable against impulsive noise such as gunfire.

CAUTIONARY NOTE: The level of noise entering a person's ear, when hearing protector is worn as directed, is closely approximated by the difference between the A-weighted environmental noise level and the NRR.

Example:

1. The environmental noise level as measured at the ear is 92 dBA.
2. The NRR is (value on label) decibels (dB).
3. The level of noise entering the ear is approximately equal to [92 dB(A) - dB(A)].

CAUTION: For noise environments dominated by frequencies below 500 Hz the C weighted environmental noise level should be used.