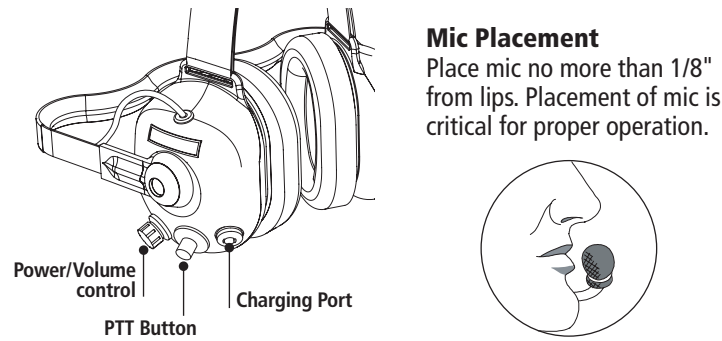
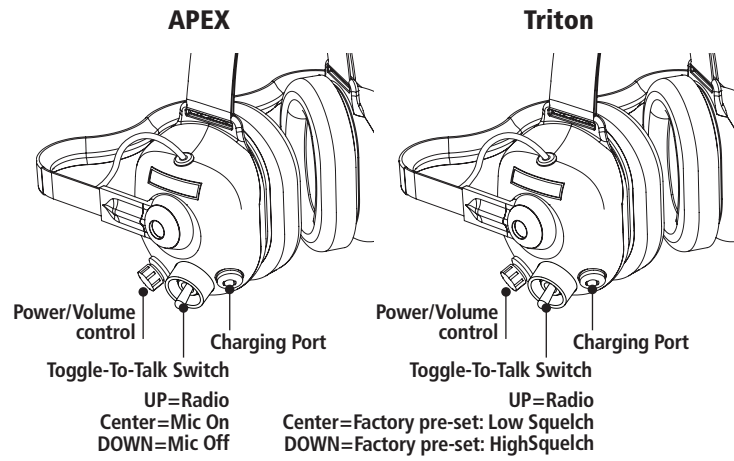
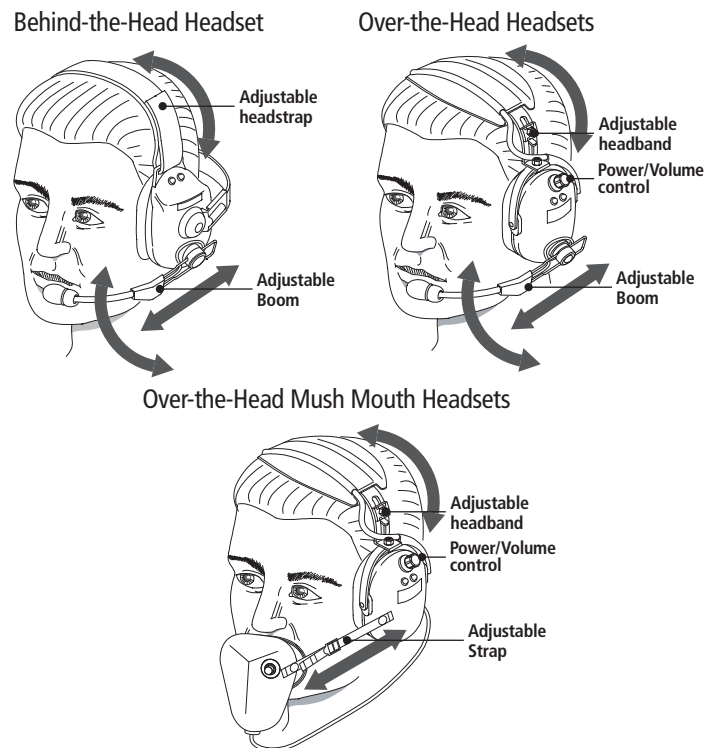


# HEADSET FEATURES

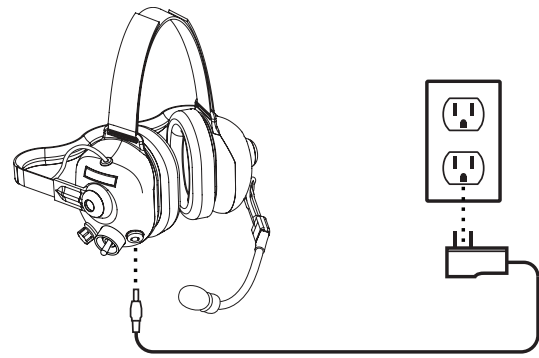


**WARNING**  
 If the microphone is positioned incorrectly, you may experience a reduction or interruption in the audio and or deterioration in clarity of intercom and radio communication.

## Headset Adjustments

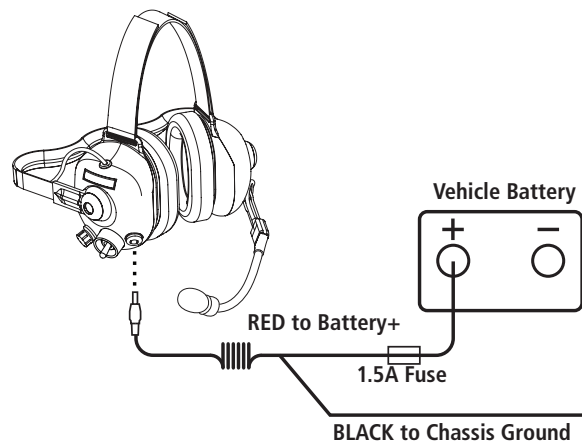


# CHARGING & INSTALLATIONS



## Wall Adapter Charging

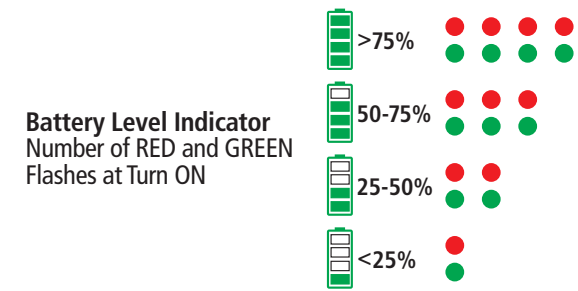
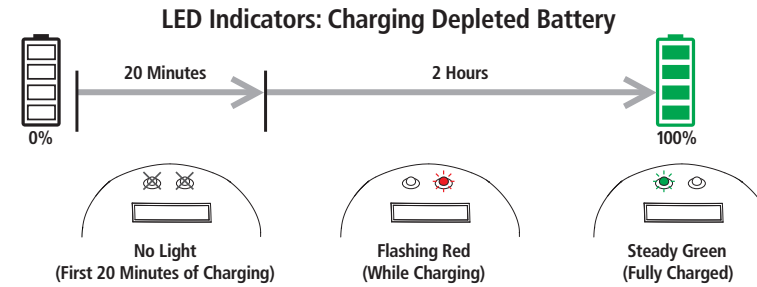
Only charge the Headset using the supplied 12VDC regulated wall adapter. Using unregulated wall adapters will damage the Headset charging circuit and components and void the warranty.



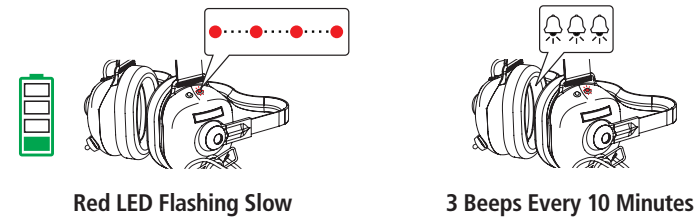
- The unterminated end of the supplied charging cable assembly and fuse assembly must be wired to the vehicle per the diagram above.
- Observe correct polarity when connecting the charger cable to 12V from the vehicle. Connect the RED wire to +12V and the BLACK wire to battery chassis ground. This will result in a positive center terminal of the charger jack as shown in the illustration.
- Charge Headset completely before use with vehicle power 12V supply or supplied wall mount charger.
- For maximum battery shelf life, turn OFF the Headset.



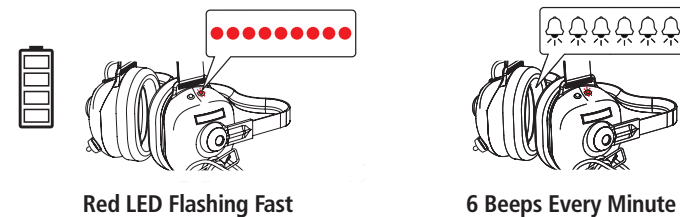
# BATTERY INDICATORS



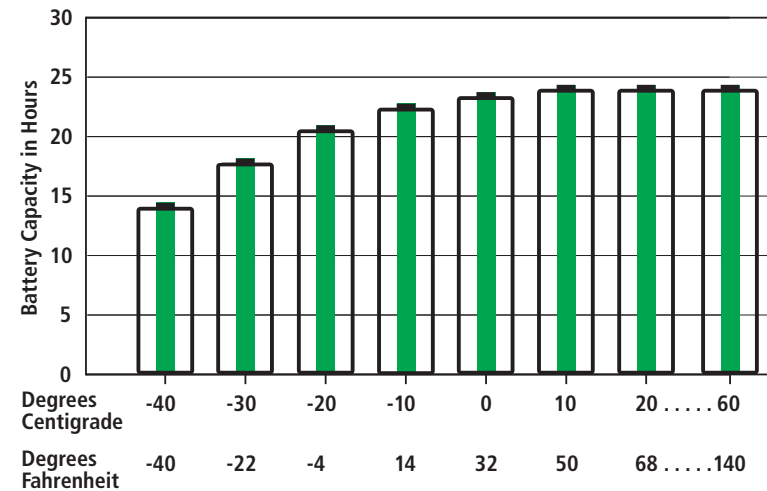
## Low Battery (2 hour battery life)



## Very Low Battery (15 Minutes battery life)



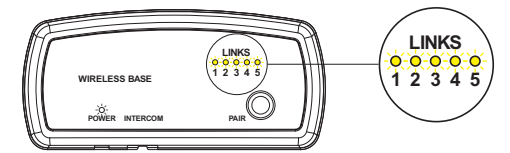
## Battery Life vs Temperature



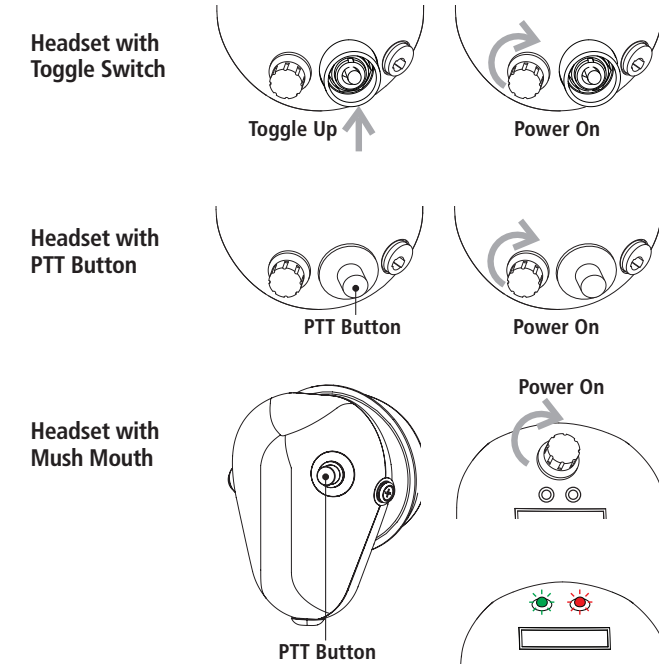
# PAIRING

**WARNING**  
 To avoid unpairing of existing Headsets, previously paired Headsets must be ON and connected before pairing a new Headset.

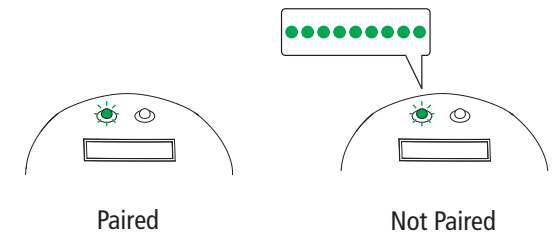
**A** With power ON to Base Station, press the "Pair" button until Yellow LINK(S) LED's flash.



**B** To pair Headset to Base Station; hold toggle switch UP, then turn power ON to Headset or hold PTT button down on the dome or mush mouth while turning power ON to Headset. When BOTH Red/Green Headset LED's are alternating, release toggle switch or PTT button. Headset will connect to base in 30 seconds.

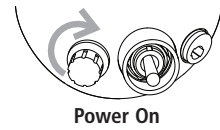


**C** When the Headset Green LED remains steadily ON the headset is successfully paired to the base. If the Headset Green LED flashes rapidly then repeat the pairing procedure.



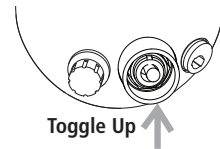
# PROGRAMMABLE SQUELCH

- A Turn ON Headset and connect to the Base Station.
- B Turn Headset OFF.

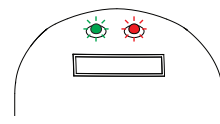


**WARNING**  
Holding the toggle switch during turn ON for longer than 5 seconds will unpair the Headset from the Base.

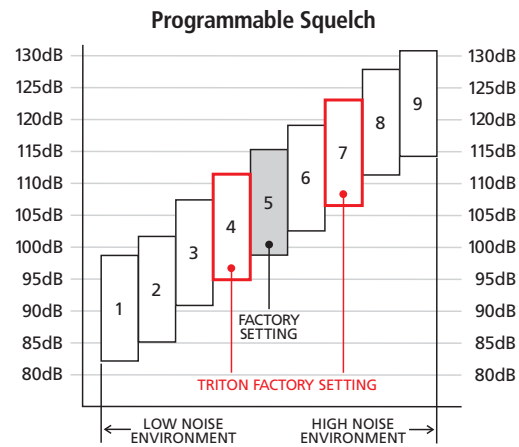
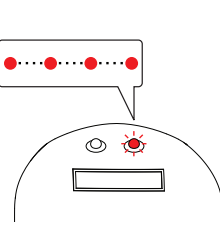
- C While holding the toggle switch UP or hold PTT button down on the dome or mush mouth, turn ON the Headset.



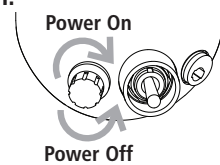
- D Release toggle switch or PTT button when the GREEN LED lights, watch the RED LED; it will flash the current squelch setting (i.e. 5 flashes=squelch setting 5).



- E To change squelch settings; press toggle switch UP or hold PTT button down on the dome or mush mouth and count the number of Red LED flashes. Press the toggle UP or press the PTT button to change the setting to the next range and view the number of RED LED flashes. Once the squelch setting reaches level 9, the next position will return to level 1.  
For Triton headsets with toggle switch, go to step F.  
For all other headsets go to Step G.



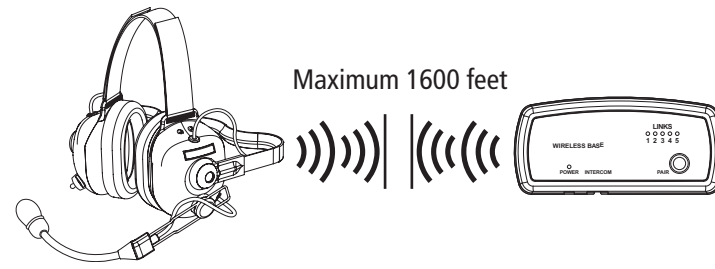
- F For Triton headsets with toggle switch: To change squelch settings of the bottom position; Press the toggle DOWN to change the setting to the next range and view the number of GREEN LED flashes. Once the squelch setting reaches level 9, the next position will return to level 1.



- G To save the setting, cycle power.



# OUT OF RANGE



- When approaching range limit, headset beeps 1 time every 10 seconds before losing LINK to Base Station
- Beep stops when user returns into range

## Automatic Sleep

If the Headset does not reconnect to the base station within 5 minutes, it will enter a low power mode. Cycle power ON to the Headset in order to reconnect the link to the Base Station.

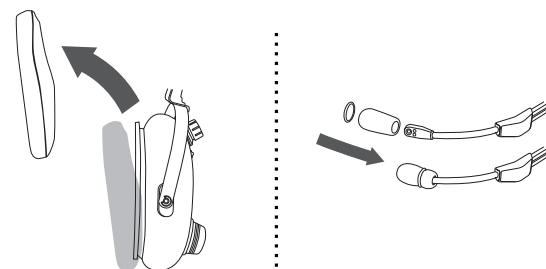
# MAINTENANCE

## Care and Maintenance

- Inspect ear seals and mic muff frequently for wear. Replace at 6 month intervals. If you see any defect such as holes or cracks in the ear domes, ear seals, or headband, headset should be immediately repaired or replaced.
- Do not remove the foam speaker cover.
- To ensure proper function, keep the microphone away from excessive moisture. Do not store Headset in high temperature environments or direct sunlight.
- Wipe Headset and ear seals with a mild soap and water mixture only. The foam mic muff may be removed and cleaned in a mild detergent, or replaced by ordering from Firecom.

**WARNING**  
Never immerse any part of the headset in water.

## Ear seals and mic muff removal



To Order Sonetics Accessories:  
Call: 1-800-833-4558

# SPECIFICATIONS

## Noise Reduction

This Sonetics Headset provides 24dB noise attenuation when properly fitted. Any modification to the Headset will reduce the Headset performance and hearing damage could occur. Always wear hearing protector in areas that have been identified as high noise locations.

## Federal law requires the following statements:

"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 an accurate indicator of the protection attainable against impulsive noise such as gunfire."

"The level of noise entering a person's ear, when a 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 92dBA.
2. The NRR is 24dB.
3. The level of noise entering the ear is approximately equal to 92dBA – NRR or 68dB.

"For noise environments dominated by frequencies below 500 Hz, the C-weighted environmental noise level should be used."

## FCC/IC Compliance

This device complies with FCC Part 15 Rules and IC RSS-213 Rules. Operation of this is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

## FCC/IC RF Exposure Warning

- This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This product may not be collocated or operated in conjunction with any other antenna or transmitter.
- This headset has been tested and meets the FCC RF exposure guidelines. Max. SAR is 0.003 W/ kg.

## Technical Spec

Weight (Over the Head) ..... 1.3lb (0.58 Kg)  
Weight (Behind the Head) ..... 1.2lb (0.53 Kg)

## RF

- Range: 1600 feet open field
- Digital encoding for secured communications
- Interference free communications for up to 60 headsets operating in close proximity

## Power

- 3.7V rechargeable lithium polymer battery
- >24 hours battery life when operating @25°C
- Over voltage, under voltage, over current and over temperature protection
- AC Charge source: supplied 12v, 500mA wall charger
- DC Charge source: 5v to 16v, 1.5A minimum
- Charge time: 2 hours

## Environmental

- IP-65 rated, when worn
- Operating temperature -40°F (-40°C) to +158°F (+70°C)
- Storage temperature -40°F (-40°C) to +185°F (+85°C)
- Charging Temperature 32°F (0°C) to +104°F (+40°C)

## MIL SPEC

- Humidity per MIL-STD 810F and 810G
- Temperature Shock per MIL-STD 810F and 810G
- Chemical Exposure per MIL-STD 810F and 810G

## SAE

- Salt Spray per J1455, Sec. 4.3
- Vibration per J1455 Sec. 4.9
- Conducted Immunity per J1113-11
- Electrostatic Discharge per J1113-13
- Radiated Emissions per J1113-41
- Radiated Immunity per J1113-21

## ISO

- Conducted Transients per 7637-2

# User Manual

WIRELESS HEADSETS  
APEX-Series • Triton-Series



**Sonetics**

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1-800-833-4558 • Phone: 503-684-7080 • Fax: 503-620-2943  
www.soneticscorp.com • email: sales@soneticscorp.com

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600-0175-00 RevB

# WARRANTY

**Two-Year Limited Warranty to the Original Purchaser**

See addendum for full warranty details.

Service phone: 503-684-7080  
Service email: service@soneticscorp.com