

# Sonetics Apex Wireless

## APX230 HARDHAT-COMPATIBLE HEADSET

CONFIGURATION		
	Transmit	Receive
Intercom	Yes	Yes
Radio	PTT	Yes

The Sonetics APX230 wireless headset comfortably fits under hardhats and helmets while maintaining constant hands-free two-way communication among your crew. The all-in-one design eliminates breakable external antennas and the possibility of entanglement from connecting wires while delivering 24db of hearing protection. The headset operates on an interference-free and secure wireless communication channel and supports integration with a mobile radio for wide-area communication. Behind-the-head band configuration with adjustable over-head strap ensures comfort for extended wear. Water-resistant and comfortable ear seals, extended operating temperature, and robust design make this headset ready for tough work environments.

### 1600' line-of-sight range

Over five times the distance and almost 30 times the area of Bluetooth

### Completely wireless and antenna-free

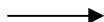
No external antennas to break or belt-pack wires to entangle the user

### Long-life battery

Operates 24 hours on a 2-hour charge with one-year charge retention; keeps the headset ready for use at all times

### PTT radio, Full-duplex intercom

Black push-to-talk over radio button; full-duplex intercom and listen-only radio when button not engaged



### Three-way adjustable boom

Precise microphone placement, comfort, and performance; rotates to dress right or left

### Extended-range operating temperature

Rated from -40°F to +158°F, this headset works wherever you do

### DECT6 wireless technology

Crystal-clear, interference-free and secure communication compared to Bluetooth

### Memory foam ComLeather ear seals

Fit comfortably for hours while delivering 24db noise reduction



### Two-year warranty, extendable to 5-year comprehensive service

Extend your two-year standard warranty to five years with the ComCare™ Service Program

AC battery charger and heavy-duty DC charging cable included.

## SONETICS Corporation

7340 SW Durham Rd. | Portland, OR 97224 USA | 800-833-4558 • 503-684-7080 | fax: 503-620-2943 | [www.soneticscorp.com](http://www.soneticscorp.com)

### FEATURES

Exceptional range and security	Enhanced microphone
1600-foot line-of-sight range	Flexible mic. boom with slide adjustment for accurate/secure positioning
DECT6 wireless encrypted (available in US and Canada only)	Microphone boom rotates for left or right dress
Audible out-of-range warning	Noise-cancelling electret microphone ensures optimal clarity
Long-lasting power source	Programmable microphone gain
24-hour rechargeable battery with 2-hour full charge time	Microphone protected by a layer of waterproof material for outdoor use
Energy-saver sleep mode: one year of shelf life without losing the charge	Microphone muff improves clarity by eliminating wind noise
Simple on/off operation	Total configurability
Power-on battery capacity indicator with dual LED indication	Full duplex intercom plus listen-only radio in intercom mode
Audible and visual 2-stage low battery warning	Communicates over radio with push-and-hold transmit button
110/220V AC battery charger included	PTT button requires solid push, eliminating accidental transmissions
Heavy-duty 12V DC charging cable included	Fully programmable to user specifications
State-of-the-art ear and hearing protection	Simple maintenance
ComLeather™ over memory foam ear seals for hours of comfortable use	Graphite grey domes for easy cleaning
Enhanced durability and comfort, designed to fit any head size	Black powder-coated headband for durability
24dB noise reduction rating (NRR)	
IP65 rating for dust/water protection when worn	

### SPECIFICATIONS

Physical	Environmental
Weight: 18 oz.	IP-65 rated, when worn
Color: Graphite Grey	Operating temperature -40°F (-40°C) to +158°F (+70°C)
Noise Reduction Rating: 24dB NRR	Storage temperature -40°F (-40°C) to +185°F (+85°C)
Performance	Charging Temperature 32°F (0°C) to +104°F (+40°C)
Range: 1600 feet open-field	MIL
Digital encoding for secure communications	Humidity per MIL-STD 810F and 810G
Interference-free communications for up to 60 headsets per system	Temperature Shock per MIL-STD 810F and 810G
Power	Chemical Exposure per MIL-STD 810F and 810G
3.7V rechargeable lithium polymer battery	SAE
>24 hours battery life when operating @25°C	Salt Spray per J1455, Sec. 4.3
Over voltage, under voltage, over current and over temp. protection	Vibration per J1455 Sec. 4.9
AC Charge source: supplied 12v, 500mA wall charger	Conducted Immunity per J1113-11
DC Charge source: 5v to 16v, 1.5A minimum, cable supplied	Electrostatic Discharge per J1113-13
Charge time: 2 hours	Radiated Emissions per J1113-41
ISO	
Conducted Transients per 7637-2	

#### Protect your investment for up to five years with ComCare™ Service Programs

Firecom offers unparalleled peace of mind with its exclusive ComCare Service Program. For less than the cost of a single out-of-warranty repair, ComCare Service provides comprehensive support and extends the warranty on your system for up to five years from the date of purchase. The benefits include priority status on technical support, priority repair time and shipping, and discounts up to 50 percent on batteries and non-warranty repairs. ComCare is available for purchase within 90 days of original equipment purchase date. To learn more about the benefits of ComCare, talk to your local dealer, or visit [www.firecom.com](http://www.firecom.com).



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