

# APX377

## PERSONAL

Individual wireless communication headsets with hearing protection

## TEAM

Connect teams of 2 to 2,000 with portable or installed wireless systems

## ENTERPRISE

Wireless performance, reliability, security and cost-savings for up to 2,000 users

### DECT7<sup>®</sup> wireless

#### DECT7<sup>®</sup> WIRELESS COMMUNICATIONS<sup>1</sup>

Wireless communication with maximum range in high-definition, wideband audio. Integrates with Sonetics Team and Sonetics Enterprise systems (from 2 to 2,000 users).



#### DECT7 MULTI-CHANNEL<sup>2</sup>

One-to-many channels; headsets scale to your team.



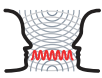
#### RADIO TRANSMIT

Direct-wire interface with any portable radio with a Sonetics PR Adapter (*sold separately*).



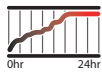
#### RUGGED

Built to withstand environmental extremes, the APX377 is dustproof and watertight.



#### LISTEN THROUGH SITUATIONAL AWARENESS

Hear your surroundings and have face-to-face conversations while protected from dangerous noise.



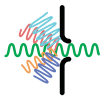
#### SOUND DOSIMETER

Real-time measurement of sound levels around you and at your ears. Automatically adjusts sound levels to comply with OSHA standards.



#### AUTOMATIC LOUD NOISE SUPPRESSION

The APX377 automatically limits high impulse noises such as gunshots from being transmitted to the user in Stereo Listen-Through mode.



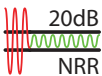
#### NOISE CANCELLING MICROPHONE

Be understood even in the loudest environments.



#### AUTO-LEVELING MICROPHONE

Be heard clearly as you move from low- to high-noise areas.



#### HEARING PROTECTION

Passive noise reduction eliminates unsafe noise.

1. Requires Sonetics DECT Base, ComHub or MiniHub.

2. Requires multi-channel DECT or IP-DECT Base, ComHub or MiniHub.

## DECT7 WIRELESS HEADSET WITH ADVANCED HEARING PROTECTION

The Sonetics APX377 wireless headset protects you from dangerous noise levels while enhancing all other audio to a comfortable listening level. Extend team communication up to 1,600 feet (line-of-sight). Stereo Listen-Through protects your hearing when you need to hear warnings and alarms or have a face-to-face conversation. Connect a two-way radio or MP3 player via direct-wire inputs. Engineered and tested for rugged durability in extreme environments, the APX377 improves team communication no matter where you work.

### APX377 DECT7 WIRELESS HEADSET WITH ADVANCED HEARING PROTECTION



#### CONVERTIBLE HEADBAND

Easily convert from over-the-head to behind head styles.

*\*Sold separately.*



Over-the-head



Behind head



Hardhat adapter\*

#### CHOOSE YOUR COLOR

Personalize and identify with silicone ruggedizers.



## APX377 DECT7 WIRELESS HEADSET WITH ADVANCED HEARING PROTECTION

### FEATURES

#### MOBILE DEVICE AND RADIO CONNECTIVITY

Connect to your MP3 player or phone directly via the auxiliary jack  
Make calls or listen to music while you work

#### ROBUST DESIGN

Flexible microphone boom  
2-stage microphone cover eliminates wind noise  
Enhanced durability and comfort; designed to fit any head size  
IP66 Rating - dustproof and sealed against salt spray and moisture  
Microphones protected by a layer of waterproof material for outdoor use  
High strength, tough, fatigue-resistant polymer for headband durability

#### STATE-OF-THE-ART HEARING PROTECTION

Integrated sound dosimeter measures, monitors and limits sound exposure at all inputs to ensure compliance with hearing protection standards  
Sound suppressor reduces loud noise while enhancing other sounds  
Stereo Listen-Through microphones allow face-to-face conversation and situational awareness  
20dB passive noise reduction rating (NRR)

#### LONG-LASTING POWER SOURCE

24-hour rechargeable lithium-ion battery  
User-replaceable battery  
Energy-saver sleep mode: one year of shelf life without losing charge  
Simple on/off operation  
Power-on battery capacity LED indicator  
Audible and visual 2-stage low battery warning  
110/220V DC battery charger included  
Heavy-duty 12V DC charging cable included

#### TOTAL CONFIGURABILITY

Features are custom programmable to user specifications  
Programmable microphone gain  
Voice prompts for easy feature navigation and feedback

#### CUSTOMIZABLE

Easily configures to over-the-head, under-helmet or hardhat clip-mounted styles  
Personalize and protect with silicone ruggedizers (available in 12 standard colors)

### SPECIFICATIONS

#### DECT7 WIRELESS TECHNOLOGY

Dynamic channel allocation  
DECT Standard Cipher with 35-bit initialization vector  
Frequency Bandwidth: 1920 MHz to 1930 MHz

#### PHYSICAL

Weight: 16 oz. (without ruggedizers)  
Color: Black  
Noise Reduction Rating: 20 dB NRR  
Side Pressure: 2.2 lbs.

#### POWER

3.7V rechargeable lithium ion battery (18650 replaceable)  
More than 24 hours of battery life at 77°F (25°C)  
Charge time: 4 hours  
AC Charge Source: supplied 12V, 500mA wall charger  
DC Charge Source: 5V to 16V, 1.5A minimum, cable supplied  
Over voltage, under voltage, over current and over temperature protection

#### ENVIRONMENTAL

IP-66 Rating  
Operating temperature -22°F (-30°C) to 140°F (60°C)  
Storage temperature -40°F (-40°C) to +185°F (+85°C)

#### MIL

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

#### 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

#### ISO

Conducted Transients per 7637-2  
Quality Management System ISO 9001:2008

### APEX 3-SERIES PRODUCT LINE

| Model         | Description                      | Mic | Bluetooth | DECT7 |
|---------------|----------------------------------|-----|-----------|-------|
| APX379        | DECT7 Wireless Bluetooth Headset | •   | •         | •     |
| <b>APX377</b> | <b>DECT7 Wireless Headset</b>    | •   |           | •     |
| APX375        | Wireless Bluetooth Headset       | •   | •         |       |
| APX373        | Radio Transmit Headset           | •   |           |       |
| APX372        | Listen-Thru Hearing Protector    |     |           |       |



### PROTECT YOUR INVESTMENT WITH COMCARE EXTENDED SERVICE PROGRAMS

For less than the cost of a single out-of-warranty repair, ComCare Extended Service Programs provide comprehensive support and extend the warranty on your system for up to five years from the date of purchase. Benefits include priority status on technical support, priority repair time and return shipping. ComCare is available for purchase within 90 days of original equipment purchase date. To learn more, visit [www.soneticscorp.com/service-and-support](http://www.soneticscorp.com/service-and-support).