

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® WIRELESS COMMUNICATIONS¹

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-CHANNEL²

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



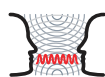
RADIO TRANSMIT

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



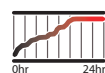
RUGGED

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.



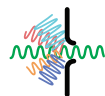
SOUND DOSIMETER

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.



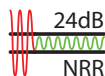
NOISE CANCELLING MICROPHONE

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
24dB 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: 24dB 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	•	•	•
APX377	DECT7 Wireless Headset	•		•

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sonetics.com/experience-sonetics

