

SHG S D200

DECT Cordless PTT (Push-To-Talk) Headset Adapter



Product Number: S D200

The Secure Headset Group® (SHG) wireless headset adapter delivers reliable wireless communication and seamless PTT (push-to-talk) functionality for public safety dispatch, air traffic control, radio operations, and simulation training. Designed for environments requiring secure transmissions, the advanced DECT wireless adapter ensures top-tier protection with DECT Security Level C. Supporting both analog and USB interfaces, the DECT PTT system offers flexible configurations for one or two independent portable devices, making it the ideal solution for mission-critical communications.

Product Features and Benefits:

- Complies with DECT Security Step C and features 256-bit AES encryption (FIPS 140-2) to ensure secure communication in sensitive environments
- Operates without cables, providing up to 130 ft (40 m) of range using DECT wireless technology
- Analog and USB interfaces for broad compatibility with both analog and VoIP communication systems, and training simulators
- Connects to analog RJ45 female connector to 2-prong (RJ45-to-PJ7)
- Connects to USB connectors to PC or voice communication consoles (USB-C)
- Military level FIPS 140-2 listed 256-AES encryption
- Comes with extra battery with charging chamber
- User selectable option for wideband and narrowband audio
- Reliability rate over 99.96%

General Specifications	
Wireless	DECT 6.0 - North America: 1.92 ~1.93 GHz DECT - Europe: 1.88 ~ 1.90 GHz
Range (Line-of-Sight)	DECT 6.0: 133 ft. / 40 m DECT: 150 ft / 50 m
Security	DECT Security Step C
Encryption	Military level FIPS 140-2 listed 256-AES encryption
Authentication	128-bit AES
Compatibility	Compatible with all SHG QD and PL QD type headsets
Warranty	2 years
Optional Materials	Detachable belt clip

Battery	
Battery Capacity	500 mAh
Talk Time	Up to 9 hours
Charge Time	Quick charge for 2-3 hours

Receiver	
Wideband Receive Frequency Response	Wideband 50 ~ 7000 Hz for G.722 codec audio Sampling frequency: 16 KHz bit rate 64 kb/s
Narrowband Receive Frequency Response	Narrowband 300 ~ 3,400 Hz for G.711 Codec Audio Sampling frequency: 8 KHz 8 bits per sample Bit rate 64 kb/s Algorithm delay: 0.125 msec

Remote Unit	
Buttons	Push-to-Talk (PTT) Audio link On-Off with LED
Use	Two remote units can be used simultaneously (optional)
Volume Control	Receiving volume control

Base Unit	
Charging Chamber	Two charging chambers and two batteries (An extra battery is optional.)
Volume Control	Sending and receiving volume controls
Status LEDs	Power, battery charging, audio interface, and PTT
Button	Pairing button
Connection Ports	Analog (RJ9), 2-prong (RJ45), and USB
Operating Temperature Range	40°F(+4°C) to 110°F(+49°C)

USB Enumeration	
PTT Button	Enumerates as following features depends on customer's demands: Button 1 of a single button game controller Keystroke of 'p' of a keyboard Keystroke of any of 101 QWERTY keyboard Mute button pressing and releasing for USB HID telephony command. Any of USB HID commands upon customer's request