

DW501

Direct Wire Radio Transmit Headset



Connect your portable radio and stay in touch with command, dispatch and other first responders whether inside or outside the apparatus.

Auto-On activates the headset on removal of the charging cable. An automatic noise gate provides set-and-forget ease of use, and a new ergonomic design delivers enhanced comfort and wearability.



FEATURES



DIRECT-WIRE RADIO INTERFACE

Wired line-in interface to any portable radio with a Firecom PR Adapter (*sold separately*).



RUGGED AND TESTED

Built to withstand environmental extremes, the DW501 is ready for rain, water, mud or snow.



24dB
NRR

HEARING PROTECTION

Passive noise reduction eliminates unsafe noise.



AUTOMATIC LOUD NOISE SUPPRESSION

The DW501 automatically limits high impulse noises such as gunshots from being transmitted to the user in Listen-Through mode.



LISTEN-THROUGH SITUATIONAL AWARENESS

Hear your surroundings and have face-to-face conversations without removing your hearing protection.



NOISE CANCELLING MICROPHONE

Be understood even in the loudest environments.



AUTO-ON

The DW501 automatically powers on when disconnected from the charging cable.



Auto
Level

AUTO-LEVELING MICROPHONE

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

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FEATURES

ROBUST DESIGN

Flexible microphone boom
 2-stage microphone cover eliminates wind noise
 Enhanced durability and comfort; designed to fit any head size
 Microphones protected by a layer of waterproof material for outdoor use

STATE-OF-THE-ART HEARING PROTECTION

Sound suppressor reduces loud noise while enhancing other sounds
 24dB passive noise reduction rating (NRR)

LONG-LASTING POWER SOURCE

44-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

Silicone ruggedizers for position or function ID. Available in 14 colors**:



*Standard. **Custom colors available; min. order 50 pairs. Call.

SPECIFICATIONS

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
 More than 44 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

Operating temperature -22°F (-30°C) to +140°F (+60°C)
 Storage temperature -4°F (-20°C) to +122°F (+50°C)
 Charging temperature 32°F (0°C) to +113°F (+45°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 CISPR 25
 Radiated Immunity per ISO 11452-2

ISO

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



GET WIRED

Attach your portable radio with a Firecom PR cable adapter (sold separately).

FIRECOM 500-SERIES WIRELESS HEADSETS

Model	Description	DECT7	Radio Tx	Bluetooth
FHW507	Radio Transmit Convertible with BT	•	•	•
UHW507	Radio Transmit Under-Helmet with BT	•	•	•
FHW505	Radio Transmit Convertible	•	•	
UHW505	Radio Transmit Under-Helmet	•	•	
UHW503	Intercom-Only Under-Helmet	•		
DW501BT	Wired Radio Transmit Under-Helmet with BT		•	•
DW501	Wired Radio Transmit Under-Helmet		•	