

# 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*).



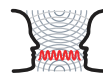
**RUGGED AND TESTED**  
Built to withstand environmental extremes, the DW501 is ready for rain, water, mud or snow.



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

# DW501

## Direct Wire Radio Transmit Headset



### 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

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		•	•
<b>DW501</b>	<b>Wired Radio Transmit Under-Helmet</b>		•	



#### GET WIRED

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