

# DW501BT

**Direct Wire  
Radio Transmit  
Bluetooth Headset**



Stay in touch with command, dispatch and other first responders whether inside or outside the apparatus.

Connect your portable radio and wireless Bluetooth devices to the DW501BT and use the headset's PTT button for radio transmit and call answer/disconnect.

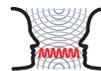


## FEATURES



### WIRELESS BLUETOOTH

Connect your mobile phone or other Bluetooth device and use the headset's PTT button to answer calls and to disconnect.



### LISTEN THROUGH SITUATIONAL AWARENESS

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



### DIRECT WIRE RADIO INTERFACE

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



### AUTO-LEVELING MICROPHONE

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



### HEARING PROTECTION

Passive noise reduction eliminates unsafe noise.



### RUGGED AND TESTED

Built to withstand environmental extremes, the DW501BT is ready for rain, water, mud or snow.



### AUTO-ON

The DW501BT automatically powers on when disconnected from the charging cable.



### NOISE CANCELLING MICROPHONE

Be understood even in the loudest environments.

# DW501BT

## Direct Wire Radio Transmit Bluetooth Headset



### FEATURES

#### MOBILE DEVICE AND RADIO CONNECTIVITY

Bluetooth A2DP audio streaming  
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  
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

#### WIRELESS Bluetooth TECHNOLOGY

Bluetooth 3.0 with secure simple pairing  
Frequency: 2400 MHz-2485 MHz  
Power: 2.4 mW / 4 dBm

#### 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 (-11°C) to +122°F (+50°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 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	•		
<b>DW501BT</b>	<b>Wired Radio Transmit Under-Helmet with BT</b>		•	•
DW501	Wired Radio Transmit Under-Helmet		•	



**GET WIRED**  
Connect your portable radio with a Firecom PR cable adapter.