UHW507
Radio Transmit
Under-Helmet
DECT7 Bluetooth
Wireless Headset

The most advanced Firecom yet, the rugged and durable UHW507 gives command, crew and dispatch instant communication with each other when crucial seconds count.

Depend on clear, reliable communication whether you're inside the truck, outside at the pump panel, on the ladder or assessing an extraction.

FEATURES

DECT7® WIRELESS COMMUNICATIONS
Full-duplex crew communication. Integrates with the 5000D Series Digital Intercom and WB505R wireless base station for a complete apparatus communication system.

LISTEN-THROUGH SITUATIONAL AWARENESS
Hear your surroundings and have face-to-face conversations without removing your hearing protection.

RADIO TRANSMIT
Direct-wire interface 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.

24dB NRR
HEARING PROTECTION
Passive noise reduction eliminates unsafe noise.

BLUETOOTH-ENABLED
Make a phone call, listen to music, or talk on your radio wirelessly via Bluetooth.

RUGGED AND TESTED
Built to withstand environmental extremes, the UHW507 is ready for rain, water, mud or snow.

UNMATCHED AUDIO CLARITY
High-definition, wideband audio provides greater clarity and understanding of mission-critical communications.

NOISE CANCELLING MICROPHONE
Be understood even in the loudest environments.

AUTO-ON
The UHW507 automatically powers on when disconnected from the charging cable.
**UHW507**  
Radio Transmit Under-Helmet  
DECT7 Bluetooth Wireless 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
- 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

**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

**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**:
  - Black*
  - Red
  - Green
  - Forest Green
  - Purple
  - Safety Yellow
  - Safety Orange
  - Safety Pink
  - Glow in the Dark
  - White
  - Grey
  - Pink
- *Standard. **Custom colors available; min. order 50 pairs. Call.

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**SPECIFICATIONS**

**DECT7™ WIRELESS TECHNOLOGY**
- Dynamic channel allocation
- DECT Standard Cipher with 40-bit initialization vector
- Frequency Bandwidth: 1920 MHz to 1930 MHz

**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 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**
- 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
- Radiated Emissions per CISPR 25
- Radiated Immunity per ISO 11452-2

**ISO**
- Conducted Transients per 7637-2

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**FIRECOM 500-SERIES WIRELESS HEADSETS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<th>Radio Tx</th>
<th>Bluetooth</th>
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<td>Radio Transmit Convertible with BT</td>
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<tr>
<td>UHW507</td>
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RUGGEDIZE ME

Increase visibility with colorful silicone ruggedizers in 14 standard colors.