**LTE**

**WiFi**

**P25**
OPTION

**DMR**
OPTION

# tait AXIOM WEARABLE

## GO FURTHER WITH CONFIDENCE

Increase officer safety and productivity by enabling communication between broadband and radio networks, using a compact, wearable broadband device with heads-up operation.

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communications

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**ESChat** Enterprise Secure Chat

## BENEFITS

First responders can confidently communicate when moving through buildings.

Lone workers can feel safe knowing their distress calls and location will make it through.

Support personnel can be more productive when joining the broader conversation.

**TAIT AXIOM Wearable is compatible with Tait TeamPTT and ESChat broadband services with an optional gateway to P25, DMR or analog radio networks.**

### Immediately Extend Your Radio Network Coverage

Work beyond the radio network edge and in challenging areas like building interiors, switching communications to a broadband network.

### Bring Anyone into the Conversation – Affordably

Invite broadband-connected workers outside your LMR network into radio conversations with a wearable broadband device, and without the expense of a dedicated radio.

### Broadband-Enable Your Existing LMR Radio

Provide broadband speed to narrowband portable radio[1] applications like geofencing, using rapid location polling rates to monitor workers while in hazardous zones.

### GO FURTHER WITH CONFIDENCE

Unleash the full value of your radio network to the broader workforce within and well beyond the coverage area, by making workforce conversations accessible through a single, compact device. The wearable is a broadband communications device and powerful speaker microphone powered by a rechargeable battery.

### ELIMINATE COMMUNICATION BARRIERS

Eliminate workforce communications barriers between devices, networks and user locations by extending radio functionality through broadband networks, including public/private LTE, WiFi and Ethernet. Talkgroups, priority, broadcast and ad-hoc calls can be programmed, eliminating the need for retraining or changes in operation procedures.

### PROVIDE INSTANT FALLBACK FOR WORKER SAFETY

When attached to a Tait TP9000 Series portable radio via tethering cable[1], the Wearable performs the function of a speaker microphone, while always standing ready to switch to a broadband network and provide a communication path should the portable lose connection with the LMR network. Emergency alerting and distress functions, as well as location information, remain available.

### EXECUTE AUTOMATED ROUTINES USING LOCATION DATA

Program the wearable to use its GPS data to trigger location-based rules stored on an attached Tait portable radio[1]. Automatically message a dispatcher when entering or exiting a defined work zone. Switch communications between bearers predetermined by location with no user intervention required.

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## FEATURES


Optional connection to portable radios provides speaker mic function and access to broadband [1].


Topside display provides information at-a-glance without needing to turn the device into view.


Rotary dials and buttons provide tactile and audible feedback for heads-up operation.

## MAXIMUM CONNECTIVITY

Designed to ensure information always gets through, with the choice to communicate via broadband (WiFi or LTE), DMR or P25 when accompanied by a Tait TP9000 Series portable radio.

Broadband-only devices can connect to P25 trunked networks via ISSI, or DMR trunked networks via AIS. P25 conventional, DMR conventional, or analog networks can be connected via 4-Wire E&M interface.

## ERGONOMICALLY ENJOYABLE

Compact and lightweight with speaker mic-like uniform mounting, and without the uncomfortable cost or weight of a hybrid LMR/broadband portable radio.

## INTUITIVE OPERATION

Heads-up operational controls – like a rotary dial and dedicated buttons – are second nature to long-time radio users and easy to learn for new users.

## EXCEPTIONAL AUDIO

Hear and be heard, even in the most extreme environments, using a powerful 3W speaker, active noise canceling and three microphones.

## DELIGHTFUL DISPLAY

Full-color OLED display screen keeps you fully informed at-a-glance and is easily seen while wearing polarized glasses.

## RUGGED DESIGN

Meet harsh working environments head on with glove-grip controls, watershedding grill, IP68, IP65 and MIL-STD-810H ratings – all in a compact design that doesn't weigh you down.

## LOCATION SERVICES

Create a safer, more productive work environment using real-time location services. View the location of your team members using the integrated map in the Tait TeamPTT application for Android, iOS or Windows devices.

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 ESChat — Enterprise Secure Chat

## TECHNICAL SPECIFICATIONS



Status Indicator LED · Display Home Button and Power · OLED Top Down Display · Menu Navigation · Emergency Button · 3W Speaker · Primary PTT · Secondary PTT / Function Button · Optional Cable (Top or Bottom Routing) · Nano-SIM + eSIM · USB Type-C · 3.5mm Audio Jack · Channel 12 Team Lead

### GENERAL INFORMATION

| | |
|---|---|
| Dimensions (DxWxH) | 2 x 2.8 x 4.4 in, 51 x 72 x 113 mm |
| Weight | 7.5 oz, 213g with clip |

### AUDIO

| | |
|---|---|
| Speaker | Front facing speaker: 3W |
| Headset Jack | 3.5mm |
| Active Noise Cancellation | Yes: 3 mics |

### CONNECTIVITY

| | |
|---|---|
| Bluetooth® | 4.2 with BLE[1] |
| WLAN | IEEE 802.11 a/b/g/n/ac 2.4/5 GHz |
| LTE | 4G LTE Cat 4 |
| Bands | |
|   North America | 2, 4, 5, 12, 13, 14, 66, 71 |
|   Europe / United Kingdom | 1, 3, 7, 8, 20, 28A |
|   AUS/NZ | 1, 3, 5, 8, 9, 18, 19, 26, 28 |
| SIM Card | Nano-SIM, eSIM[1] |
| GNSS | GPS/GLONASS/BeiDou/Galileo |
| FirstNet Ready™ | Yes |

### BATTERY

| | |
|---|---|
| Type | Li-ion x 3400mAh |
| Shift Life | 12 hours[2] |
| Charging | USB Type-C fast charging |

### CERTIFICATIONS

| | |
|---|---|
| USA (FCC) | ✓ |
| Canada (ISED) | ✓ |
| Europe (CE) | ✓ |
| United Kingdom (UKCA) | ✓ |
| Australia/New Zealand (AS/NZ) | ✓ |

### ENCRYPTION

| | |
|---|---|
| Algorithm | AES 256 Bit |

### ENVIRONMENTAL

| | |
|---|---|
| Ingress Protection | IP68 dust and waterproof, IP65 protection from water jets |
| MIL-STD | 810 H |

### TAIT TEAMPTT LMR INTEGRATION

Voice integration with any Tait analog or digital network (DMR Tier 2, P25 Conventional) via 4-Wire E&M network gateways.

AIS connection to DMR Tier 3 systems

ISSI connection to P25 Trunked Systems

**US PATENT PENDING:** D29/726832 and D29/686400

[1] *Future release*
[2] *Battery life is impacted by usage, conditions, and feature configurations.*

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