



## **GO FURTHER WITH CONFIDENCE**

Increase worker safety and productivity by enabling seamless movement between communications networks, and access to applications and workflows using a compact, wearable broadband device with heads-up operation.

**tait**  
communications

# tait AXIOM WEARABLE

## BENEFITS



First responders can move confidently through buildings without a loss in conversation.



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.

### Immediately Extend Your Radio Network Coverage

Work beyond the radio network edge and in challenging areas like building interiors, automatically 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.

### Instantly Broadband-Enable Your Existing LMR Radio

Provide broadband speed to narrowband portable radio 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 self-contained wearable is a multi-bearer broadband communications device and powerful speaker microphone powered by a long-lasting 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 cord or Bluetooth®, the Wearable performs the function of a speaker microphone, while always standing ready to automatically 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. Automatically message a dispatcher when entering or exiting a defined work zone. Switch communications between bearers predetermined by location and known signal strength with no user intervention required.



# tait AXIOM WEARABLE

## FEATURES



Connection to portable radios provides speaker mic function and failsafe rollover to broadband.



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, automatically switching to the strongest signal using WiFi, dual SIM LTE, DMR or P25 when accompanied by a Tait TP9000 Series portable radio.

### 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.

### RECHARGEABLE BATTERY

Powerful internal battery provides continuous uptime throughout a full 12-hour shift, with in-field charging options when you need an overtime boost.

### RUGGED DESIGN

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



# tait AXIOM WEARABLE

## TECHNICAL SPECIFICATIONS



### GENERAL INFORMATION

Dimensions (DxWxH)	1.3 x 2.8 x 4 in, 34 x 72 x 102 mm
Weight	< 6oz, < 175g

### AUDIO

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

### CONNECTIVITY

Bluetooth®	4.2 with BLE
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
AUS/NZ	1, 3, 5, 8, 9, 18, 19, 26, 28
SIM Card	Nano-SIM, eSIM
GNSS	GPS/GLONASS/BeiDou/Galileo
FirstNet Ready™	Yes

### BATTERY

Type	Li-ion x 3400mAh
Shift Life	12 hours*
Charging	USB Type-C fast charging

### CERTIFICATIONS

USA (FCC)	ID CASTWXNFA
Canada (ISED)	Pending Approval
Europe/UK (CE)	Pending Approval
Australia/New Zealand (AS/NZ)	Pending Approval

### ENCRYPTION

Security	FIPS140-2 certified module
Algorithm	AES 256 Bit

### ENVIRONMENTAL

Ingress Protection	IP68
MIL-STD	810 H

\* Battery life is impacted by usage, conditions, and feature configurations.

Tait has taken every care in compiling this brochure, but we're always innovating and therefore changes to our models, designs, technical specifications, visuals and other information included in this brochure could occur. For the most up-to-date information and for a copy of our terms and conditions please visit our website [www.taitcommunications.com](http://www.taitcommunications.com)

The words "Tait", "TAIT AXIOM", and the "Tait" logo are trademarks of Tait International Limited.

Copyright © 2022 Tait International Limited TAIT\_AXIOM\_Wearable\_v2.1 02/2022

401-00069-01