LTE

DMR
OPTION

P25
OPTION

tait AXIOM WEARABLE

GO FURTHER WITH CONFIDENCE

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

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BENEFITS

Compact, ruggedized, wearable broadband communications device for heads up operation.

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 PTToX broadband services with optional connections to DMR, P25 or analog networks.

Immediately Extend Your Radio Network Coverage

Work beyond the radio network edge and in challenging areas like building interiors. Automatic switching between DMR Tier 3 and broadband networks can also be supported when connected to a TP9000 portable.

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 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 LMR Tier 3 functionality through broadband networks, including public/private LTE and Wi-Fi®, eliminating the need for retraining or changes in operational procedures. Audio group calls and emergency calls can be connected to DMR and P25 networks. Individual calls, caller ID, location services and status messages can be fully integrated with DMR Tier 3.

PROVIDE INSTANT FALLBACK FOR WORKER SAFETY

When attached to a Tait TP9000 Series portable radio via tethering cable or Bluetooth®, 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. 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 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 preferred available network using Wi-Fi®, LTE or DMR Tier 3 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.

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.
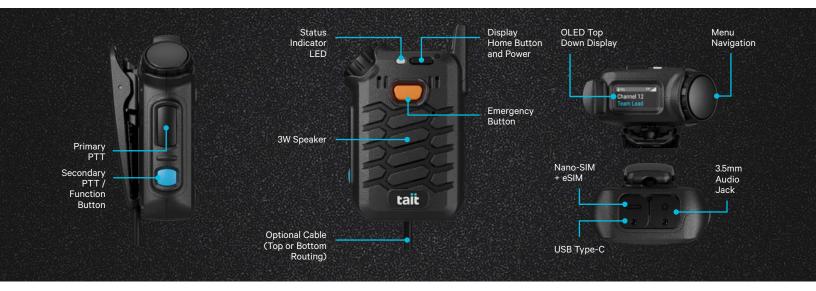
WORKER SAFETY

Trigger automated safety alerts with the Man Down sensor or Lone Worker inactivity timer. Combined with location services, dispatchers are better equipped to guide an effective response.

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TECHNICAL SPECIFICATIONS

Status Indicator LED

Display Home Button and Power

OLED Top Down Display

Menu Navigation

Primary PTT

Secondary PTT / Function Button

3W Speaker

Emergency Button

Nano-SIM + eSIM

3.5mm Audio Jack

Optional Cable (Top or Bottom Routing)

USB Type-C

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
Operating Temperature	-4°F to +140°F (-20°C to +60°C)

AUDIO

Speaker	Front facing speaker: 3W
Headset Jack	3.5mm

CONNECTIVITY

Bluetooth®	5.0
WLAN	IEEE 802.11 a/b/g/n/ac 2.4/5 GHz 50 SSIDs
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

BATTERY

Type	Li-ion x 3400mAh
Shift Life	12 hours [2]
Charging	USB Type-C fast charging, 6 bay multicharger dock

CERTIFICATIONS

USA (FCC)	✓
Canada (ISED)	✓
Europe (CE)	✓
United Kingdom (UKCA)	✓
Australia/New Zealand (AS/NZ)	✓
AT&T compliance, FirstNet Capable	✓
Wi-Fi® Alliance PTCRB	✓

ENCRYPTION

Algorithm	AES 256 Bit

ENVIRONMENTAL

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

TAIT PTToX LMR INTEGRATION

DMR Tier 3 via Network Gateway
DMR Tier 2, DMR Tier 3, P25 Conventional, P25 Trunked, Analogue Conventional via TMX450 Bridge

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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