



Features

- ITAR-free and made in the UK
- Form/fit/function equivalency for the KY-100
- Interoperable with legacy KY-100 and TSVCIS-enabled
- Interoperable with the BID/250/11
- Wideband voice and data traffic at 12 kb/s and 16 kb/s
- CVSD, LPC-10 and MELPe (inc. 600 and 1200 bps modes) vocoders
- PTM, STM and LOS narrowband modems supported
- Narrowband voice and data traffic at 2.4 kb/s
- Utilises Ultra I&C's Common Core Crypto (C3) technology
- Fully field-programmable
- Secure voice/data bypass providing safety critical communications (including guard audio)
- Advanced front panel functions and controls interoperable with the Z-AVH remote control unit
- UK and NATO Key fill Interface compliant
- EMC and TEMPEST compliant
- Operating voltage: +12V to +40 VDC <28.5W
- Operational temperature: -40°C to +70°C

Overview

Militaries continue to face ever-evolving cyber threats that surpass the capabilities of their current solutions. To address this critical need for secure communications, Ultra I&C presents MAXAM Tactical, a robust hardware device to ensure the security of their communications by operating at the link layer.

This groundbreaking solution is purpose-built to meet the requirements of customers under the most sophisticated of threats, enabling them to operate independently or seamlessly collaborate with coalition partners. MAXAM Tactical is designed to support new standards, ensuring compatibility with legacy modes and form factors while meeting interface requirements of existing platforms. It serves as a direct replacement for the KY-100, offering a seamless transition and a UK developed ITAR-free solution.

MAXAM Tactical empowers military organisations to maintain control of their trust routes. By incorporating the local NTA's Trust Anchors (Key and Application), MAXAM Tactical ensures that the trust is established and maintained within the country. Moreover, this ITAR-free solution guarantees compliance with international export regulations and Ultra I&C offers through-life support.

Drawing on Ultra I&C's UK cyber team's expertise in cryptography, MAXAM Tactical supports existing algorithms and accommodates future algorithms, protecting your investment for years to come. Thanks to its smart design approach, along with its form, fit, and function replacement can be seamlessly achieved with application-specific enclosures. This minimises installation rework costs and significantly reduces delays in deployment schedules.

Prepare for the future of secure military communications with MAXAM Tactical by Ultra I&C. Experience the power of cutting-edge hardware combined with unrivaled expertise in cryptography. Contact us to learn more about how MAXAM Tactical can elevate your communications security.