

IN LINE TERMINAL ST-1



SKU#EF-MOD-ST1

OVERVIEW

The In Line **Sat-Com Terminal ST-1** will add secure Digital Voice to radios without any secure modes. It designed to operate uncomplicated which enable pilots, boatsmen and drivers to easily change between unsecure and secure modes, send rapid replies of YES or NO, change volume or change secure keys.

FEATURES & BENEFITS

- AES-256 Encryption: Voice & Position Transmissions.
- Very quick change between Secure to Unsecure
- Voice prompts; "Secure" or "Warning, Unsecure" Modes.
- GPS & GLONASS Positioning Built-in
- 600 – 2400 bps Automatic Digital Voice Rates
- TWELP* Vocoder - High Voice Clarity
- Dedicated AFFIRMATIVE and NEGATIVE Buttons
- Automatic Clear Voice Reception (FM/SSB)
- V/UHF & HF Transceiver Compatible (SSB & FM)
- Cross-Vendor Radio Interoperability
- Extended Range, including BLoS Links
- Automatic Periodic Position Transfer
- Over-the-Air compatible with other Modems of Sat-Com
- Handset / Headset / Speaker-Mic Variants
- 4.5 – 18 V DC Input with Surge Protection
- Powered via Radio Plug or external DC / Battery Pack
- Zeroize Function
- Blue Force Tracking via TacTalk+ software. (TBC)



ENVIRONMENTAL

SAFETY:	IEC/EN 60950
EMC/EMI	MIL-STD-461
SHOCK	MIL-STD-810F: 40G, 15 - 23 ms
VIBRATION	Composite wheeled vehicle 10Hz - 2000Hz, @2.5g
TEMPERATURE	-40°C to +65°C (operating), -40°C to +85°C (storage)

HUMIDITY	MIL-STD-810F: 0 to 90%, non-condensing
INGRESS	IP67, 1m for 30 min
WEIGHT	250g (Unit Only)
DIMENSIONS	120 x 50 x 20 mm (L x W x H)
HEADSETS	SKU# HST-BAL-ENRTT, #HST-OHB-ENRTT, and most other headset can be integrated.
HANDSETS	SKU# HST-S, H250, and most other Handsets can be integrated.



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