

TADIRAN THF-8000

LONG-RANGE CONTINUOUS COMMUNICATION SOLUTION



HF communication at its best

The Tadiran THF-8000 is a highly advanced, multi-adaptive tactical HF SSB/2-LSB radio system, featuring cutting-edge technology which stretches the traditional boundaries of HF communications, while maintaining user-friendliness and ease of operation.

Robust and reliable communication is assured

Using 3G and 2G ALE per STANAG 4538 and MIL-STD-188-141B, automatic real time selection of the best channel frequency as well as interoperability is made easier and quicker than ever.

High Data Rate Transfer for Voice, Data & Video

Cutting-edge, adaptive high speed internal modem allows data transfer rates of up to 19.2 Kb/s per MIL-STD-188-110B and STANAG 4539, even when using a man-pack radio.

STANAG 5066 PC application offers Internet connectivity, E-mail and Message Routing.

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Secure communications, when and where you need it

Tadiran THF-8000's advanced ECCM and COMSEC features, which include Digital Encryption, Scrambling and Frequency Hopping per STANAG 4444, ensure that even in the most difficult of conditions, critical communications will be maintained.

Overcoming the "Skip Zone"

The NVIS (Near Vertical Incidence Skywave) antenna solution—for vehicles, ships and fixed installations, enables high speed data transfer and frequency hopping. Overcoming HF communications' traditional "Skip Zone" shortcoming, it provides continuous coverage from zero up to thousands of kilometers.

Easy, efficient radio operation means lower operator task load

Tadiran THF-8000's performance-enhancing features, which include bright and easy-to-read LCD, menu-driven MMI and multi-rate MELP Vocoder, among others, ensure ease of use, high quality communications and top level performance.

Dependable performance in every operational theater

Designed to survive the harshest operational environment while providing cutting-edge performance, the Tadiran THF-8000 complies with a multitude of standards, including MIL-STD-810F and MIL-STD-461E, to name a few.

Every configuration for every requirement

The Tadiran THF-8000 family offers solutions ranging from 20 Watt Manpack system enhanced with optional GPS weighing 3.9kg, through 125 Watt vehicular configurations equipped with "Skip Zone" overcoming antennas, to far-reaching 4000 Watt high power stations, allowing for maximum flexibility and optimal adaptation to every operational requirement.



THF-8000's PRC Manpack Configuration



THF-8000 vehicular VRC configuration, with a detachable display panel

