

TECHNISONIC
Communications

YOU DESIGN IT. WE BUILD IT.

THE NEW P25 PHASE II COMPLIANT TDFM-9100



TDFM-9100

**Multi-Band P25 PHASE II
Airborne FM Communications**

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Multi-Band P25 PHASE II Airborne FM Communications

The TDFM-9100 is the next evolution of the highly successful TDFM-6000 series.

Newly designed and featuring both Project 25 Phase I and Phase II technology. The TDFM-9100 is specifically designed to meet the growing capabilities demanded by Airborne Law Enforcement and EMS operators across the country. The TDFM-9100 can be specified to support and operate in either a one-module or two-module configuration. The new All-Band module can support operation on the full P25 FM Band spectrum (VHF, UHF and 7/800) or can be configured to support operation on any mix of two bands or on any single band. The 9100, using the All-Band module, is the latest addition to the already successful Technisonic 9000 Series product line.

Key Features

- Each radio can be individually configured to support one or two, single, dual or all-band capable modules.
- Module supports Conventional Analog, Conventional P25 and optional Phase I (FDMA) and Phase II (TDMA) technologies for Trunked operation.
- Single Band or simultaneous Multi-Band
- Operation from multiple locations in aircraft (RC9100)
- Displays all active channels simultaneously
- Cross Band Repeat, Relay and Simulcast
- Programming via Motorola CPS software program
- Encryption with OTAR and or Multi-Key (optional)
- Supports SmartNet, SMARTZONE and P25 Trunking (optional)
- P25 capable Bandwidths VHF, UHF-Lo, UHF-Hi and 700/800 MHz Bands
- Supports P25 Digital/Analog Operation in Conventional or Trunked Modes
- Front Panel Connector for Module Programming via USB and Encryption Key loading
- Optional Encryption Protocols AES, DES, DES-XL, DES-OFB. ADP encryption is standard in all modules
- Each module supports 3000 channels/200 zones and can be programmed to operate in either a digital or analog mode on a channel by channel basis.
- Each module supports scan across its entire frequency spectrum even if all-band configured
- Built in audio switching allows RF modules to operate in either a single or combined transceiver configuration



The TDFM-9100 is designed to meet the demands of Airborne Law Enforcement and EMS operators.

MORE CAPABLE. LESS COST.

New Customer Inquiries

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