

Analog/Digital/ Encrypted/Trunked/ Multi-Band Airborne AM/ FM Transceivers

The TDFM-9000 / 9200 / 9300 series radios offer Project 25 Analog/Digital/Encrypted/ Multi-band AM/FM radio transceivers capable of meeting your most demanding operating requirements in both Phase I (FDMA) and Phase II (TDMA) modes. The TDFM-9000 Series consists of multiple models which are configurable to meet each user's specific requirement. Each model is Dzus panel mount and each unit is completely self-contained (no remote mount box).



Protocols Supported

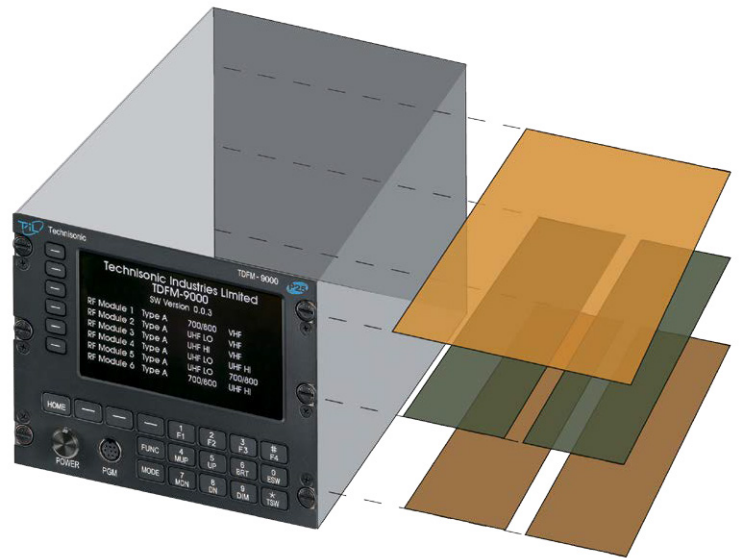
- P25 PHASE II TDMA
- P25 PHASE I FDMA
- CONVENTIONAL ANALOG
- CONVENTIONAL P25
- SMARTNET II / SMARTZONE
- P25 TRUNKING

YOU DESIGN IT. WE BUILD IT.

TDFM-9000 SERIES

CAPABILITIES OF EACH ARE AS FOLLOWS:

- TDFM-9000 can support up to six P25 compliant analog/digital FDMA/TDMA radio modules of your choice.
- TDFM-9200 can support two Analog radio modules and two P25 digital modules capable of covering all four P25 frequency bands simultaneously, FDMA/TDMA Compliant.
- TDFM-9300 can support one Analog along with up to four P25 compliant FDMA/TDMA modules of your choice.
- Radio modules can be individually configured to include any P25 options such as trunking, encryption, OTAR, etc.
- Optional Encryption protocols: DES, DES-XL, DVP, DVP-XL, DVI, AES, ADP.
- Available Multiple Encryption Keys:
64 Common Key Reference (CKR) or
16 Physical Identifier Reference (PID) keys.
- Each radio module can store 2000 channels and can be programmed to operate in digital or analog mode on a channel-by-channel basis.
- Each radio module independently supports SCAN across its entire frequency spectrum.
- Built-in audio switching allows multiple RF modules in either combined or separate transceiver configurations.
- Supports simulcast and cross-band repeat.
- Programming is via a Motorola CPS software program.
- Dimensions: 4.5" (H), 5.75" (W) and 8.5" (D)



Technisonic radios are built with you in mind.
Modular configurations allow you to only buy what you need.

Single Band

- VHF
(136 -174 MHZ)
- UHF LOW
(380-470MHZ)
- UHF HI
(450-520 MHZ)
- 800
(INCLUDES 700 MHZ)

New Dual Band

- VHF/ UHF LOW
- VHF / UHF HI
- VHF / 800
- UHF LOW / UHF HI
- UHF LOW / 800
- UHF HI / 800

Til Analog Radio Modules

- LOW BAND FM (30 TO 50 MHZ)
- VHF/AM AERONAUTICAL BAND (118 TO 136 MHZ)
- UHF/AM MILITARY BAND (225 TO 400 MHZ)

MORE CAPABLE, LESS COST.

DAC International is committed to quality, continuous improvement, and full regulatory compliance at every level of the organization through AS9120 and ISO 9100:2008 certifications, implementing lean processes, continuous quality improvement training initiatives, and a customer service focused business model. Our in-house legal and compliance teams maintain robust processes and procedures to comply with all federal, state, and local regulations including ITAR, EAR, and the FCPA.