



TM9300 and TM9700 Radio Comparison

Quick guidance: The TM9300 is Tait's quad-mode, single-band mobile for analog conventional, MPT 1327, DMR Tier 2, and DMR Tier 3 operation. The TM9700 retains those network modes while adding configurable operation

across any combination of VHF 136–174 MHz and UHF 378–520 MHz, allowing one mobile to work across multiple networks or frequency bands.

Feature Comparison

Feature	TM9300	TM9700
Primary distinction	Quad-mode, single-band mobile with multiple control-head and installation options	25 W multiband mobile configurable across VHF and UHF for work across multiple networks and organizations
Frequency-band configuration	Single-band models: VHF 136–174 MHz; UHF 400–470 MHz or 450–520 MHz; 700/800 MHz 757–870 MHz	Configurable for any combination of VHF 136–174 MHz and UHF 378–520 MHz; bands are not locked and can be reconfigured over the air
Operating modes	Analog conventional; MPT 1327; DMR Tier 2 conventional; DMR Tier 3 trunking	Analog conventional; MPT 1327; DMR Tier 2 conventional; DMR Tier 3 trunking
Control heads and installation	Graphical Control Head in single or dual configurations, plus Hand Held Control Head; local or remote installation options	Shares TM9000-series control heads, microphones, speakers, and installation kits; LCH, TCH4, TCH6, and Hand Held Control Head options
Voice, data, and connectivity	Short, pre-defined data messages for location or status; Location Services; new and existing TM9300 radios can be upgraded with TAIT AXIOM Mobiles for additional computing power, WiFi, wireless broadband, applications, and APIs	Preset status and short data messages; packet data, CCDI in conventional mode, and IP data/RAP in digital trunked mode; OTAP through Tait EnableFleet over a Tait DMR trunked network
Worker safety and location	Lone Worker standard; emergency calls receive priority access; GPS, Location Services, and Tait GeoFencing options operate in all four modes	Lone Worker standard; programmable Emergency key; internal and external GNSS options; Location Services and Tait GeoFencing options; selected control heads support covert microphone operation



Ruggedness	IP54; water-resistant control head; exceeds relevant MIL-STD-810G tests for vibration, shock, humidity, and other conditions	Tait describes the mobile as flexible, rugged, and reliable for demanding operations
Migration and interoperability	Quad-mode platform supports phased migration from analog or MPT to DMR and roaming between DMR and MPT networks	Supports migration among the same four network modes while adding multiband roaming and direct-mode band switching for inter-organization communications
Security and fleet management	Optional DES or AES encryption; DMR authentication; Stun and Revive; EnableFleet OTAP over DMR Tier 3 or WiFi when the optional TU2000M3 is fitted	Encryption options, lost/stolen-radio management, DMR authentication, Tait EnableProtect Advanced System Key, and EnableFleet OTAP
Best fit	Organizations needing a proven quad-mode mobile on one selected frequency band, with flexible control-head options and a straightforward migration path	Organizations that must communicate across VHF and UHF networks, collaborate across agencies, or retain flexibility for later band changes

Which Radio Should You Choose?

TM9300 Choose the TM9300 when a single-band mobile is sufficient and you need analog conventional, MPT 1327, DMR Tier 2, and DMR Tier 3 in one platform. Tait positions it as a rugged, configurable mobile with multiple control-head choices, location and worker-safety options, and a practical migration path to DMR.	TM9700 Choose the TM9700 when one vehicle must operate across both VHF and UHF networks or when future band changes are likely. It adds configurable multiband operation, inter-network roaming and direct-mode band switching, enhanced security options, and EnableFleet over-the-air programming while retaining the TM9000 family's interface and installation choices.
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Product capabilities and available options vary by model, band, configuration, and licensing. Confirm final system compatibility, accessories, and feature licensing before purchase.