



TP9300, TP9500, & TP9700 Radio Comparison

Quick guidance: The TP9300 is Tait's rugged quad-mode portable for conventional and trunked DMR, MPT 1327, and analog operation. The TP9500 retains those modes and adds a large high-resolution color screen,

3W speaker, dual-mic active noise cancellation, and WiFi over-the-air programming. The TP9700 adds configurable single-, dual-, or multiband operation for organizations working across multiple networks and frequency bands.

Feature Comparison

Feature	TP9300	TP9500	TP9700
Primary distinction	Rugged quad-mode DMR portable with integrated location and worker-safety options	Enhanced user experience with color display, louder audio, active noise cancellation, and WiFi	Configurable multiband operation for work across multiple networks and organizations
Frequency-band configuration	Single-band models; VHF, UHF, 700/800	Single-band models; VHF, UHF, 700/800	Single-, dual-, or multiband; VHF, UHF, 700/800MHz
Operating modes	DMR Tier 3 trunking; DMR Tier 2 conventional; MPT 1327 trunking; analog conventional	DMR Tier 3 trunking; DMR Tier 2 conventional; MPT trunking; analog conventional	DMR Tier 3 trunking; DMR Tier 2 conventional; MPT 1327; analog conventional
Audio and interface	DMR AMBE+2 vocoder, digital noise suppression, four programmable function keys, three-way selector, and water-shedding speaker grille	Large high-resolution color screen, 3W speaker, dual-mic active noise cancellation, ergonomic controls, four programmable function keys, and three-way selector	Large color screen, 3W speaker, dual-mic active noise cancellation, easy-grip controls, four programmable function keys, and three-way selector
Connectivity	Bluetooth wired or wireless audio accessories; optional broadband connectivity through TAIT AXIOM Wearable	Bluetooth audio; WiFi over-the-air programming and fleet management; optional TAIT AXIOM Wearable broadband connectivity	Bluetooth voice accessories; WiFi OTAP; optional TAIT AXIOM Wearable broadband connectivity



Worker safety and location	Emergency key, Man Down, Lone Worker, integrated GNSS/GPS, Bluetooth iBeacon support, Location Services, and GeoFencing options	Emergency key, Man Down, Lone Worker, integrated GNSS and iBeacon options, Location Services, and GeoFencing options	Emergency key, standard Man Down and Lone Worker, integrated GNSS option, Location Services, and GeoFencing options
Ruggedness	IP65 and IP68; drop test exceeds MIL-STD-810G	IP65 and IP68; drop test exceeds MIL-STD-810G	IP65 and IP68; Tait's current datasheet states MIL-STD-810H
Migration and interoperability	Quad-mode platform supports migration among analog, MPT, and DMR networks	Quad-mode platform with WiFi-enabled programming and fleet-management capability	Roam between networks or switch frequency bands in direct mode; bands can be reconfigured
Accessories	Wide range of Tait audio and carry accessories	Wide range of wired, Bluetooth, audio, and carry accessories	Batteries, chargers, and audio accessories are compatible with current TP9000-series portables

Which Radio Should You Choose?

TP9300 Choose the TP9300 for a tough, flexible portable that supports DMR Tier 2, DMR Tier 3, MPT 1327, and analog conventional operation. Tait positions it for mission-critical users who need migration flexibility, location services, worker-safety features, and a rugged design.	TP9500 Choose the TP9500 when the same four operating modes are needed with a large color screen, louder and clearer 3W audio, dual-mic active noise cancellation, ergonomic controls, and WiFi connectivity for wireless programming and fleet management.
TP9700 Choose the TP9700 when personnel must communicate across multiple radio networks or frequency bands. Tait describes it as configurable for single-, dual-, or multiband operation, with multiband flexibility, 3W audio, active noise cancellation, WiFi OTAP, worker-safety features, and compatibility with current TP9000-series batteries, chargers, and audio accessories.	

Product capabilities and available options vary by model, band, configuration, and licensing. Confirm final system compatibility, accessories, and feature licensing before purchase.



