



# P25 MOBILE CONFIGURATIONS

## P25 MOBILE CONFIGURATIONS FOR PUBLIC SAFETY

Public safety organizations are always ready to respond. Teams and task-forces often have differing communications needs across many vehicle types. Tait's mobile solutions are reliable, customizable and designed with the user in mind leaving public safety agencies to focus on getting the job done.

The Tait P25 series of 9100 mobiles is designed specifically to improve the convenience and safety of public safety users, no matter the vehicle, the network or the location. Tait P25 mobiles are available in several configurations for conventional, trunked and simulcast systems, so interoperable communications are always at hand.

## WHY CHOOSE TAIT P25 MOBILES?

- **Proven interoperability:** Tait mobiles are tested for interoperability on other vendors' networks as part of the P25 Compliance Assessment Program (P25 CAP). Tait radios fulfil performance criteria for use upon state-wide networks\*.
- **Common interface:** The TM9100 (in all configurations), hand-held control head (HHCH), and the TP9100 portable have identical displays and programming easing the users' training burden.
- **Encryption options:** To improve officer safety with secure communications, the TM9155 model is available with FIPS 140-2™ certified encryption and Over-The-Air Rekeying (OTAR) support.
- **Tait Tough:** Built to Tait's demanding standards (and tested beyond MIL-STD-810F) improves reliability and lowers the cost of ownership.
- **Flexible and customizable:** High and low tier (TM9155, TM9135) mobiles with either local or HHCH options, are available in 110W and remoted configuration options. The dual head configuration is available only on the high tier mobile (TM9155).
- **Network options:** Tait P25 mobiles work on P25 conventional, trunked and simulcast networks, in VHF, UHF and 700/800MHz bands.
- **Tait services:** Work with Tait to ensure your communications solution is designed, deployed and supported in ways that are right for your needs.
- **Software enhancements:** Software licences allow a solution that is readily extended as needs change, removing the risk of hardware modifications and factory returns.

\*Contact your local Tait representative for more information.





### A) Standard control head

INSET: NON KEYPAD MIC

Tait offers high and low temperature LCD options with adjustable contrast to ensure a Tait mobile will have optimized screen visibility in all environments. A mobile GPS display option integrates the location function into the radio and reduces the need for a separate "on dash" unit. As standard, the TM9100s have a built-in integrated covert microphone.

### B) Hand-held control head (HHCH)

INSET: COLOR CUSTOMIZATION

The TM9100 HHCH option is ideal for space-constrained vehicle installations. Stowed out of sight in a glove compartment or under a seat, this option is perfect for use in covert operations and unmarked vehicles. With the powerful 10W external speaker, vehicles can benefit from remote cable kits, vizor-mounted microphones and gearshift PTT buttons for the ideal surveillance solution.

### C) Dual head configuration\*\*: low-temp, heated LCD (Std PKG)

INSET: HI-TEMP, NON-HEATED LCD CONFIGURATION

With two standard heads connected to one P25 TM9155 mobile radio body, the dual head option allows communications for two parties in separate areas of a building or vehicle, for example, in an ambulance.

### D) Remote head configuration

When in-vehicle cab space is limited, the remote head configuration allows for the radio body to be installed in the trunk of the car. The standard control head of the TM9100 series can be located up to 6m or 12m with a single cable, and up to 1,094 yards (1 km) away with additional hardware.

For more information, please visit our website at [www.taitradio.com](http://www.taitradio.com)

AUTHORIZED DEALER

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only.

## Specifications

Standard control head†		
Environmental stds*	MIL-STD-810C, D, E and F	
Sealing*	IP54 for dust and rain	
LCD options*	Low-temp, heated LCD (std) -22°F to +140°F (-30°C to +60°C) Hi-temp, LCD +5°F to +185°F (-15°C to +85°C)	
Customizable options	Head and lens surround* (including head color, logo) Keymat - four custom keys available (there may be some restrictions on colors, fonts and number of characters used)	
Remoted length	<20ft or 40ft (6m or 12m) with a single cable <1,094 yards (<1km) with additional hardware	
Install options	U-bracket, security cradle, slide-in bracket Vehicle installation kit 10W external speaker BNC or mini-UHF connector	
Hand-held control head		
Weight (HHCH only)	6.2oz (175g)	
Dimensions (HxWxD)	5.3 x 2.6 x 1.4in (135 x 66 x 35mm)	
Cable length	10.6in (270mm) coiled length with 15.8in (400mm) straight tail 9.2ft (2.8m) when stretched 5/10/20ft (1.5/3.1/6.2 m) straight extensions for curly cable.	
Remoted length	<30m - using multiple straight extension cables (Talk to Tait for distances beyond 30m)	
Display	2 lines of text/14 characters or optional large display font: 1 line/12 characters Full TM9100 display functionality	
Function buttons	6 programmable function buttons (includes emergency button)	
Keypad	12 key alphanumeric	
Operating temperature	-22°F to +140°F (-30°C to +60°C)	
Install options	10W external speaker	
Dual head** (Std package)		
Max. distance between head(s) and body (cable length)	40ft (12m)	
Max. distance between heads (cable length)	60ft (18m)	

† For full P25 TM9155/TM9135 specifications, please view the respective specification sheets

\* Features are applicable in all P25 TM9100 radios and configurations including HHCH

\*\* The dual head configuration is not available on the P25 TM9135 mobile