

TM8105 – 24 Channel Data Radio



The TM8105 is a robust, software-flexible data radio with large options board space, making it one of the most customisable mobile radios on the market. Based on a state-of-the-art Digital Signal Processor (DSP) and capable of transmitting high speed data through an internal software modem, the TM8105 has been designed to give ultimate flexibility for system integration.

Standard Package Includes:

- 25W, 24 Channel Conventional Radio
- Blank Control Head
- Vehicle Installation Kit (excluding Aerial)
- Full Selcall Functionality
- DTMF Encoder
- Built-in CTCSS/DCS
- Multiple Scanning & Voting Formats Supported
- Emergency Mode, Stun and Revive
- Low Stand-by Power Consumption
- Three Control Signal Outputs
- 1200 baud FFSK Data Modem
- Four RF Power Levels
- Three Mute Settings
- Handset Audio
- Remote Volume Control
- Windows-based Programming Application
- Third Party Control Head Capable
- AVL Software Support

Benefits:

- Reliable Signalling with DSP
- Expansive Internal Options Area
- Comprehensive 3DK Hardware Developer's Kit Available
- Internal High Speed Data Modem – Software Option
- Multiple Auxiliary Ports
- Programmable I/O and Audio Tap Points
- Rugged Mechanical Specifications – IP54, MIL-STD 810 C,D,E,F

Options:

- 600 Ohm Line Option Board
- Remote Speaker
- Mobile Alarm Monitoring
- System or Channel Activity Monitoring

Models Available:

Frequency Band (MHz)	Programmable Channel Spacing	Model Number	List Price (GBP)
66 – 88	12.5/20/25 kHz	TM8105-A4A01	
136 – 174	12.5/20/25 kHz	TM8105-B1A01	
216 – 266	12.5/20/25 kHz	TM8105-D1A01	
336 – 400	12.5/20/25 kHz	TM8105-G2A01	
400 – 470	12.5/20/25 kHz	TM8105-H5A01	
450 – 530	12.5/20/25 kHz	TM8105-H6A01	

Further Options:

Option	List Price less (GBP)
TM8105-xxA02 (less installation kit)	

* Not all combinations of radios and options may be possible - please check with your Tait Customer Service Representative. For additional options, please refer to the Mobile Accessories Section.