

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.