



## Tait T630 Mobile Data Terminal

Two-way status and  
text messaging

Two-way e-mail and  
intelligent AVL

Systems developers  
kit available

The new and enhanced Tait T630 Mobile Data Terminal (MDT) is an exceptional example of rugged design and flexible functionality. Off the shelf applications include two-way status messaging, two-way text messaging, two-way e-mail messaging and intelligent AVL.

#### Key Features:

- **Radio Interface** - The T630 MDT is currently MAP27 compliant with a conventional interface under development.
- **Superior Design** - The T630 MDT features a hard wearing, robust casing and a high quality, easy to view graphical screen. Additionally, the MDT provides back-lighting for night operation and adjustable contrast for ease of viewing.
- **Two Options Available** - Either Standard or Enhanced functionality to meet customer requirements. Both versions allow the sending and receiving of status and text messages. The Enhanced version also allows e-mail receive and send, GPS poll, GPS location display and basic GPS geo-fencing. Note: sending text and e-mail requires the addition of a PC AT keyboard.
- **Easy To Use** - The MDT features 8 multifunctional soft keys and an intuitive user interface. The addition of an optional PC AT keyboard provides even greater user flexibility and ease of navigation.
- **Status Messages** - Up to 30 predefined status messages can be stored to access at the user's convenience. Allows rapid exchange of messages such as "at lunch" or "en-route".
- **On-board Memory** - Approximately 56kb of on-board memory is available for user storage space in the in/out box. The MDT also supports a built-in address book where frequently used addresses can be stored.
- **Field Upgradable** - Firmware upgrades can be quickly and easily performed in the field (PC based), via a RS232 serial port.
- **Functionality Expansion** - The MDT provides an additional RS232 serial port and one general purpose I/O to allow future functionality expansion.
- **External Devices** - Other devices such as a printer, GPS receiver and external PC AT keyboard can be connected to the T630 MDT via a simple or multi-headed octopus cable.

CONNECTIVITY • RELIABILITY • FLEXIBILITY

TAIT  
**T2000**  
MOBILE DATA



# TAIT

## Radio Communications

# MDT

## General Specifications

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**Model**  
Tait T630 Mobile Data Terminal

**User Interface**  
Graphical LCD screen, 240 x 64 pixels,  
127mm x 43mm (5" x 1.3")  
40 characters x 5 line text display  
(supports proportional text)  
2 line menu -  
1 line menu bar, 1 line status bar  
8 multifunctional soft keys

**Tait Radio Interface**  
RS232 1200/9600 bps  
UADG MAP27 version 1.5

**GPS Receiver Interface**  
NMEA 0183  
RS232 4800 bps

**Printer Interface**  
RS232 1200, 2400, 4800, 9600  
XON/XOFF protocol

**Service Interface**  
Tait PGM630 Software via RS232

**Options**  
PC AT keyboard  
Spare RS232 Interface  
Optional 4Mb Flash

**Typical Performance Figures**  
Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. For further information, please contact your nearest Tait office or authorised dealer.

**Technical Compliance**  
For details of technical compliance, contact your nearest Tait office or authorised dealer.

**Processor**  
High Speed CMOS microprocessor  
128kb on-board flash  
4kb on-board data memory  
4kb on-board EEPROM

**Size (W x H x D)**  
190 x 80 x 50 mm  
7.5 x 3.1 x 2 "

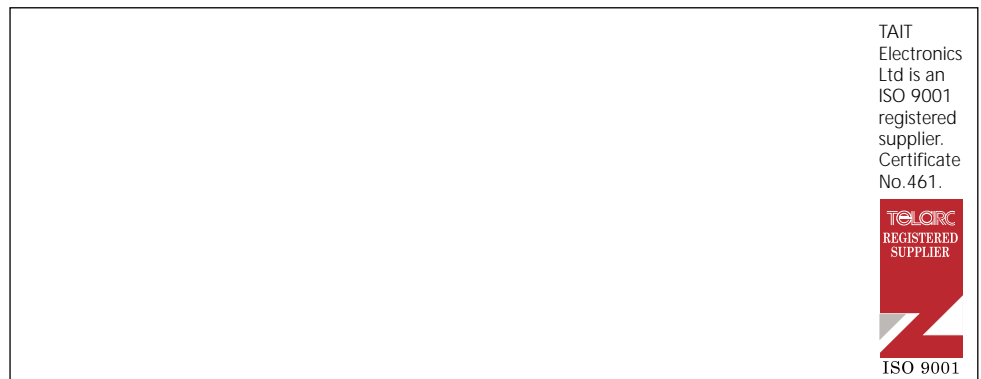
**Weight**  
570g  
1 lb 4 oz

**Supply Voltage**  
13.8V nominal

**Estimated Current Requirements**  
MDT on / Back-lighting off 200mA  
MDT on / Back-lighting on 400mA

**Environmental Specifications**  
Operating temperature: 0° to 50° C  
Storage temperature: 0° to 70° C

**EMC Specifications**  
As per category EN 300 279 V1.2.1



TAIT Authorised Dealer

TAIT Electronics Ltd is an ISO 9001 registered supplier. Certificate No.461.

