



TETRA - Revolutionising the way the world communicates



MTP200

Motorola TETRA Handportable Radio

A unit that benefits from Motorola's unrivalled knowledge and experience of the mobile radio market place, the MTP200 is TETRA compliant and highly practical. It offers all of the essential functions you'd expect, plus a selection of innovations, too. Straightforward, tough and proven to be utterly reliable, the MTP200 has a high operational specification and ergonomic styling to make it both comfortable and simple to use.

- **Safe and simple** : no fuss product with limited keypad, DMO functionality, home key and a proven track record for tough, long term dependability.
- **Completely reliable** : tried and tested product, high quality audio, long battery life and rugged construction mean the MTP200 will go the distance.
- **Fast and easy to operate** : reduced key pad, short number dialling, status messaging and pre-programmable facilities all make this model totally user friendly.
- **Personally styled** : designed and built with the user in mind through ergonomically shaped controls, and long life battery.
- **A wide range of standard and updatable features** : all the easy to use functions you need now, and in the future, as your usage evolves.
- **Voice, data and text services supported** : offering ever more effective ways for you to communicate.
- **Integrated encryption** : providing you with secure communications.

MTP200

Motorola TETRA Handportable Radio 380-400 MHz 410-430 MHz

PMR Voice Services Supported:

- Group Call
- Individual Call
- Emergency Call
- 4 Language support (English, German, French and Spanish)
- Short number Dialling
- Priority monitor
- Talk group scan
- Announcement talk group
- Direct Mode Operation (DMO)
- Late Entry
- Duplex Telephone Interconnect
- Local Site Trunking
- Air Encryption TEA 1 and TEA 2

Non-Voice Services Supported:

- Packet Data Service (PDS)
- Short Data Text Service (SDTS)
- Status Messaging
- RS232 Data Peripheral Equipment Interface
- Alphanumeric Text Service

General:

Dimensions HxWxD	mm	167 x 57 x 37 (with Li Ion)		
Weight	g	378 (without battery) 693 (with NiCad battery) 644 (with NiMH battery) 559 (with Li Ion battery)		
Battery Capacity		NiCad	NiMH	Li Ion
Operating life TX/Rx/Stby (5/20/75)		14.5 Hours	14.5 Hours	14 Hours
Talk Groups		255		
DMO Channels		100		
Individual call list		50		
Phone call list		50		

Environmental:

Operating Temperature	-20 to +60°C
Storage Temperature	-40 to +85°C
Humidity	EIA/TIA 603 (95%)
Dust and water	IP 54
Shock and vibration	MIL 810 D+E

RF Specifications:

Direct Mode Frequency Band	MHz	380-400, 410-430
RF Channel Bandwidth	kHz	25
Switching Bandwidth (TMO)	MHz	5
Transmitter/Receiver Separation	MHz	10
Transmitted RF Power	Watt	1
RF Power Control		4 steps of 5dB
RF Power Level Accuracy		-1.5dB, +2dB
Receiver Class		B
Receiver Static Sensitivity	dBm	-112
Receiver Dynamic Sensitivity	dBm	-103

All specifications use the ETS 300-394 & iETS300-113 method for measurement.
 All values subject to change without notice.

Important Note:

The features and facilities described in this brochure should be used for indicative purposes only. Availability of features and facilities will be dependent on Motorola's scheduled product development programme.

Motorola and  are registered trademarks of Motorola Inc.

www.motorola.com/tetra

Accessories include:

- NICO battery
- NiMH battery FM
- Lithium ion battery
- Remote speaker mic
- Public safety mic
- Single unit charger
- Six position unit charger
- Earpiece standard
- Earpiece extra loud
- Surveillance earpiece mic plus PTT
- Surveillance earpiece plus mic with separate PTT
- Boom mic headset
- Variety of carrying accessories
- Data adapter cable
- Vehicle adapter



Motorola Ltd

Jays Close
 Viabes Industrial Estate
 Basingstoke
 Hampshire RG22 4PD
 United Kingdom
 Tel (44) 1256 358211
 Fax: (44) 1256 469838

Nippon Motorola

3-20-1, Minami-Azabu
 Minato-Ku
 Tokyo 106
 Japan

Motorola Electronics Pte Ltd

12, Ang Mo Kio Street 64
 Ang Mo Kio Industrial Park 3
 Singapore 569088
 Singapore

Motorola Latin America

789 International Parkway
 Sunrise
 Florida 33323
 United States

Motorola Inc.

Commercial, Government and
 Industrial Solutions Sector
 13091 East Alonquin Road
 Schaumburg
 IL 60196
 United States