



# ***Dimetra™ LiTE***

Compact in Size.  
Superior in Performance.





For those working in the field, effective communication is vital, but sometimes very difficult. That's why business-critical users value the features and flexibilities offered by Motorola's Dimetra LiTE.

Leveraging on Motorola's IP-based Dimetra architecture designed for mission critical environments, Dimetra LiTE now extends the performance critical benefits to business critical users, in the hotel management, manufacturing, mining, small seaports and airports, as well as oil and gas industries.



**Dimetra™** *LiTE*





***Dimetra LiTE is designed with customers in mind – providing low cost of ownership, migration capabilities, easy maintenance and robust durability to handle all your technology worries, so you can focus on your mission.***

Dimetra LiTE comes built-in with the best-in-class TETRA (TErrestrial Trunked RAdio) features providing reliable trunking voice capabilities, short data services, full duplex telephony calls and secure two-way radio communications – for busy business professionals in the field.

#### **BENEFITS**

##### **Cost-Effectiveness**

Employing a web-based graphical interface, Dimetra LiTE is easy to install, operate, deploy and maintain. The base station operates on Ethernet site links, allowing you to maximize your investment by re-using your existing infrastructure. Its remote access feature enables system monitoring and diagnostics alert reduces system maintenance cost. The system can be mounted on the wall or fixated on desktops, optimizing real estate utilization, thus providing flexibility and space savings for end users.

##### **Intelligent**

Dimetra LiTE is equipped with smart features that enable users to operate efficiently. These include preemptive priority calls, busy user pre-emption, full duplex and telephony calls, short data services to conventional channel patches, amongst others. The end result is improved efficiency and security.

##### **Robust and Reliable**

The base station provides wireless communication at a site. At the heart of each base station is a site controller which manages the local tasks allocated by the main switch, such as subscribers' registration. It runs the intelligence on site independently, taking over control of the communication when the link to the main switch is disrupted. This ensures communication remains available to users at all times.

##### **Ease of Migration**

Dimetra LiTE optimizes your existing communication infrastructure. Its open standard platform allows users to have a smooth transition migrating from an analogue network to a digital system.

#### **ONE-STOP SHOP**

Today, Motorola remains as the leading industry provider of TETRA, driving forward the design, development and deployment of scalable digital TETRA solutions to the next level.

Dimetra LiTE is Motorola's latest addition to the Dimetra IP suite designed with the industrial, commercial and enterprise users in mind.

##### **Transportation (Airports or Seaports)**

An ideal solution for flight and/or port operators, it ensures optimum performance in fleet management and monitoring. It also enables automatic location tracking as well as status messaging for improved workforce management.

##### **Hospitality and MICE (Meetings, Incentives, Conventions & Exhibitions)**

Clear and crisp communications is critical to the efficient ground operations in any customer service centric environment such as hotel management. Dimetra LiTE allows easy integration into existing IT infrastructure and telephony systems, for enhanced communications coverage among staff.

##### **Oil & Gas, Utilities and Energy**

Managing field personnel on the ground at a highly hazardous environment is more efficient with a seamless communication system at your disposal. Dimetra LiTE provides a high quality communication system with integrated voice and data communications to support daily supervision, dispatching and monitoring of oil workers and security personal on location.



## Dimetra™ LITE Quick Facts

- L Low cost of ownership:**
- Designed with business critical users in mind
  - User-friendly web-based interface
  - Flexible mounting options
  - Reuse of existing IT infrastructure
  - Easy integration with existing telephony system for full duplex calls

- I Intelligent:**
- Leverages on proven Dimetra IP architecture for consistent superior performance
  - Local site trunking intelligence
  - Pre-emptive capabilities such as call back features
  - Integrated trunked voice, short data and telephony service
  - Automated fast call setup

- T Tough:**
- Highly robust and resilient
  - Base radio redundancy
  - Site controller redundancy
  - Automatic RF interference detection and correction
  - Backup control channel

- E Ease of migration:**
- Progressive migration to digital trunking TETRA network
  - Minimum disruption to existing analogue/conventional users
  - Optimizes mixed mode communications
  - Ease of deployment and maintenance
  - Protection of investments

## SPECIFICATION

### KEY FEATURES

- Plug and Play
- Instant one-to-many communication
- Supports TETRA Voice Services\* including Group , Individual and Telephony Calls, and Short Data Services
- Compatible with Motorola MTS2 and MTS4 TETRA Base Stations
- Short Data Services including interface to customer's enterprise network
- IP based Telephone Interconnect
- Remote service access
- Migration from existing analogue systems

### GENERAL

Dimension	HxWxD mm	568 x 226 x 912
Weight	(kg)	43 kg
Power Consumption	(kW)	300W

### ENVIRONMENTAL & REGULATORY

**Environmental** Compliant with the European Union EMC Directive 2004/108/EC Directive and Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on Waste Electrical and Electronic Equipment (WEEE) Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

**Regulatory** EN55022, EN55024, EN61000-3-3, EN60950-1

\* For full details of services supported please contact Motorola  
Specifications are subject to change without notice and are issued for guidance only.  
All specifications listed are typical. Radios meet applicable regulatory requirements.



**MOTOROLA**



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