



MTM800: ENHANCED

Motorola's portfolio has been enhanced with a new control head for the successful MTM800 TETRA Mobile.

- Enhanced TETRA Mobile Capability
- GPS Tracking
- SDS, Packet Data
- Meeting the Needs of Modern Vehicles
- High Quality Mobile Communications
- Font size (Standard & Zoom mode)

KEY BENEFITS

High resolution VGA colour display (640 x 480 pixel resolution)
Wide viewing angle and readable in most light conditions.

Common user interface
MTM800 Enhanced provides same user interface as portable terminal MTP850, simplifying user training.

Weather proof version (IP67) for Motorcycle or boat installation
Unique offering in the TETRA market.

Comprehensive, flexible installation options
Fully DIN-A compatible available in Dash, Desk, Remote Head or Motorcycle model to fit almost any requirement.

New accessory portfolio, with new accessory connector
Best in class audio, new rugged connector.

1 Programmable Rotary Knob/On Push-Button

Default programming: "Dual" – Press the knob to toggle between "volume" and "list"
Press and hold to turn the MTM800 Enhanced on.

2 Colour Display

Provides alphanumeric text and images within 65,536 colours and 640 x 480 pixels with backlight, high contrast, and scalable fonts.

3 Menu Button

Used to enter the main menu and the context sensitive menu.

4 On-Off/End//Home Key

- Press and hold to turn the MTM800 Enhanced On/Off.
- Press to end calls.
- Press to return to the Home display (idle screen).

5 Alphanumeric Keypad

Use the keypad to enter alphanumeric characters for dialling, contact entries and text messages.

6 LED (Indicator)

Solid green	In Use
Blinking green	In Service
Solid red	Out of service
Blinking red	Connecting to network
Solid orange	Transmit Inhibit (TXI) in service
Blinking orange	Incoming call
No indication	Switched off

7 Emergency Button

Press and hold to enter Emergency Mode, and send Emergency Alarms (as programmed). When the MTM800 Enhanced is off, press and hold to power

on in Emergency Mode or in normal mode (as programmed).

8 Mobile Microphone Port

Provides connection for accessories such as fist microphone with PTT button.

9 Soft Key(s)

Press to select the option that appears on the display beside the top and bottom soft keys.

10 Send Key

Used to initiate or answer full-duplex calls (such as Phone Calls), or send status and text messages.

11 Four-Way Navigation Key

Press up, down, left or right for list scrolling, while moving around the menu hierarchy/Alphanumeric text editing.

12 Programmable: External Alarm Key

Default function: Used to activate and deactivate the External Alarm (Horn & Lights).

13 Programmable: Speaker Control Key

Default function: Used to switch speaker on/off.

14 Programmable: Backlight Key

Default function: Used to dim or intensify the radio's backlight. It has five intensity options.

15 Push-To-Talk Button (PTT)

Press and hold this button to talk in half-duplex calls or to initiate a group call, release it to listen.
Press to send status and text messages.

16 Microphone

APPLICATIONS

Ask your Zeon Digital dealer to demonstrate the following applications:

- trackZEON – A real-time GPS tracking solution.
- mercuryNOTES – instant PC to radio text messaging.

COST SAVINGS

How Zeon Digital can reduce communication costs:

- Zeon Digital PTT is unlimited. PTT private calls also allow users to discuss sensitive information with confidence, without incurring any extra charge.
- Zeon Digital has seamless roaming included in your network access fee.
- If telephone interconnect is activated:
 - Zeon Digital telephone access can be restricted to a pre-defined list of phone numbers (contacts) stored in the radio.
 - Zeon Digital telephone minutes (free or billable) are based on a per minute basis, regardless of whether calls are made to a land line or cell phone or are local, national or international.
 - Zeon Digital free phone minutes are not affected by text message or variable calling fees.
 - Zeon Digital bars all non-standard numbers such as 0055 and 1900.
 - Zeon Digital does not charge telephone connection fees.
 - All telephone calls, incoming and outgoing, are charged at 25c + GST per 30 seconds.

CONFIGURATION OPTIONS

Zeon Digital gives you the flexibility to programme each radio to suit individual needs.

- Emergency mode duress calls can be programmed to send alarm to all members of a talk group or just 'back to base'. Discuss your best emergency response plan with your dealer.
- The key pad numbers 1-0 can be programmed for speed dialling.
- Telephone access can be switched on or off. See Cost Savings above for more information on how telephone access can be further configured to reduce communication costs.
- Half duplex private call capability (i.e. private calls between radios) can be switched on or off.
- SDS text messaging capability can be switched on or off.

FEATURES

Enhanced TETRA Mobile Capability

Motorola's portfolio has been enhanced with a new control head for the successful MTM800 TETRA Mobile.

'Dash' mounted – the MTM800 Enhanced for compact installation

A self-contained radio transceiver unit with enhanced control head.

It is fully compliant with the DIN-A standard for installation on car dashboards and with its sleek yet durable design, is easy to deploy. The high-quality display ensures optimum viewing for both driver and passenger.

MTM800 Enhanced – 'Remote' Model

Locate the control head remotely using a mounting cable of up to 10 metres. Allows a more flexible vehicle installation. Rear accessory connector on the control head provides I/O (Input / Outputs*) for easy integration with 3rd party applications.

MTM800 Enhanced – 'Desktop'

A fully-integrated TETRA solution for office environments, with base tray incorporating loudspeaker and a range of desktop accessories available, including telephone handset and desk microphone.

Tactile keypad and intuitive user interface make it easy to access information.

DATA

Enhanced Messaging support with the time stamping of messages (SDS) useful for response prioritization and KPI measurement.

Extended Data Interfacing Enables user to run Packet Data and SDS applications simultaneously.

VOICE

User Interface Enhancements, such as the feature Change Of Active Talk Group Without Interruption, Allows the user to initiate or continue a number of functions while receiving or participating in active group calls.

Network Security

Zeon Network security is inherent by design. The digital Signal is extremely difficult to scan and decode, Customers also have the confidence in using a radio network with PIN and PUK code protection, over-air enabling and disabling and continues system protection.

Ruggedness

Zeon Digital subscribers are subjected to a rigorous accelerated life programme, simulating over five years of tough usage including water, dust, drop and shock testing and aggressive temperature performance to meet and exceed international standards of quality and performance.

Seamless mobility

Zeon Digital Stays connected with seamless roaming across the network. Seamless mobility lets you access and control everything that is important to you, with out having to change channel.

Emergency Button

The single push emergency button initiates an emergency alarm alerting Pre-defined users. For added safety the emergency button will open up the radio microphone to ensure anyone in danger can communicate even if they can not reach the push-to-talk button.

If the system is being used when an emergency button is activated, lower priority calls will be dropped and the required resources will be granted to the emergency call.

Mercury Notes

mercuryNOTES is a PC based solution integrate with the windows environment. offering a concise and intuitive interface for sending and receiving text messages from a PC to a radio and back again. Messages can be send to individuals or groups.

trackZEON

trackZEON is a web based GPS tracking solution that can improve business performance and safety for staff members.

Features include:

- Emergency locations flash on Screen
- Audit trails to record your team's movement
- Polling for on the spot updates
- Instant two-way messaging
- Easy street search capabilities

Programmable Numeric Keys

The MTM800 Enhanced supports the one-touch feature that allows you to select/activate commonly used features by pressing and holding a numeric key.

Status Icons

Status icons will appear when phone is engaged in certain activities. (i.e. Message, Service etc).



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