



PHYSICAL FEATURES

- **digital two-way radio**
- **seamless roaming**
- **GPS tracking**
- **emergency button**
- **instant SDS messaging**
- **telephone interconnect**

The MTP850 comes equipped with a belt clip.

For added flexibility, the whip antenna can be swapped with a stubby antenna (shown below) FREE.



MTP850

Features and Functionality Demonstration Guide

1 Emergency Button

Press and hold to enter Emergency Mode. Hot mic will activate and an alarm will be sent to your radio talk group (default programming). Emergency alarms can also be sent to a cell phone or land line. Emergency Mode button can be used to turn the MTP850 on in emergency mode.

2 Programmable Rotary Knob

Turn clockwise or anti-clockwise to increase or decrease volume. Press knob once, then turn clockwise or anti-clockwise to change talk group.

3 Push-To-Talk Button (PTT)

Press and hold side button to respond to both many-to-many and one-to-one radio calls. Release button to listen. To initiate one-to-one radio calls key in radio ID and press button once until party answers. Push and hold to respond.

4 Programmable Side Keys 1 and 2

Upper side key activates/ deactivates backlight on screen. Lower side key activates screen saver.

5 Send Key

Dial phone number and press this key to initiate phone calls or to send text messages. Use this button to answer incoming phone calls.

6 Speaker Phone Control Key

7 Antenna (stubby shown, whip also available)

8 LED Status Indicator

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

9 Menu Key

Use to enter the main menu.

10 Four-Way Navigation Key

Press up, down, left or right for list scrolling.

11 On-Off / End / Home Key

Press and hold to turn the MTP850 On/Off. Press to end calls. Press to return to the Home display.

12 Audio Accessory Connector (at the side)

DEMONSTRATE

Ask your Zeon Digital dealer to demonstrate the following capabilities:

- Group PTT calls.
- 1-to-1 private PTT calls.
- Phone calls to a land line or cell phone.
- Changing talk groups.
- Flexible dialling options such as list scroll, search contacts, direct dial, speed dial and last number redial.
- View call history.
- Use hands free speakerphone.
- SDS between radios.
- View caller ID.
- Select ring modes, ring styles and vibrate options.

COST SAVINGS

Useful cost saving tips.

- 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).
- 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 is local, national or international.
- Zeon Digital free phone minutes are not affected by text message or variable calling fees.
- 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.
- Each Zeon Digital unit has keys that can be programmed for one touch function, such as:
 - Backlight on/off.
 - Speed dialling.
 - Activate screen saver.
 - Covert mode on/off.
 - Flip display (upside-down)
 - Transmit inhibit on/off.
- 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 messaging capability can be switched on or off.

FUNCTIONALITY

VOICE

Telephone Interconnect (1-to-1, full-duplex)

With a dedicated phone number, you can constantly be in contact without using a separate device to call important people outside your radio network.

User-friendly address book with capacity for 1000 names, missed/received call history, speakerphone and caller ID are all standard.

Radio PTT (1-to-1, half/full-duplex)

Each Zeon Digital handset has its own "phone" number. Users can contact another Zeon Digital radio either in half or full-duplex mode for private conversations.

Radio PTT (1-to-many, many-to-many, half-duplex)

Arranging staff into pre-defined talk groups will help get important messages across quickly. Select the talk group and push-to-talk for quick, easy communications.

Talk groups can be amended or joined together for instant, mass communications. Many-to-many communications allows all members within a talk group to hear and respond to messages, helping to ensure everyone is informed.

SHORT DATA SERVICE (SDS)

Zeon Digital gives mobile workgroups flexible access to more kinds of information.

With cellular-like predictive text, SDS supports messages of up to 140 characters per message. Texting is possible from radio to radio, radio to PC or PC to radio*.

* PC-radio-PC texting activation fee applies.

NETWORK SECURITY

Zeon Digital is an inherently secure network that supports air interface encryption algorithms, preventing interception of speech and data communications with over-air enabling or disabling possible.

RUGGEDNESS

Zeon Digital handsets 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, without having to change channel!

EMERGENCY BUTTON

The single push emergency button initiates an emergency alarm with a pre-defined user, either an entire talk group or a single user on a radio, land line or cellular network.

For added safety the emergency button will open up the radio microphone to ensure anyone in danger can communicate even if they cannot 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.

Handsets can also be turned on in emergency mode.

TRANSMIT INHIBIT (TXI)

Transmit Inhibit is a feature allowing you to switch off transmission before entering a Radio-Frequency (RF) sensitive area.

While TXI is activated, an incoming phone or private call is indicated although it cannot be answered.

Caution: Activation of the emergency button will cause the handset to transmit immediately. TXI must be deactivated manually.

MORE APPLICATIONS SIMPLIFIED INTEGRATION

- Full range of accessories.
- 140 character texting.
- Speaker phone.
- Programmable keys to tailor radio functionality.
- Address book for 1000 names.
- Missed/received call history.
- Caller ID.
- Key lock and PIN protection.
- Full colour backlit screen.
- Flip screen and large text options.
- Vibration plus selection of ring tones.
- Compact and rugged construction.
- Transmit Inhibit.
- Top and bottom microphones.



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