MTP830 S
Quick Start Guide

Controls and Indicators

1 External Antenna Connector
2 Emergency Button
3 Programmable Rotary Knob
4 Earpiece
5 Programmable Side Key
6 Push-To-Talk Button (PTT)
7 Soft Key
8 Send Key
9 Speaker
10 Speaker Control Key
11 Side Connector
12 Bottom Connector
13 Battery Latch
14 Keypad Backlight Sensor
15 Bottom Microphone
16 Four Way Navigation Key
17 On-Off/End/Home Key
18 Menu Key
19 Greyscale / Color Display
20 Top Microphone
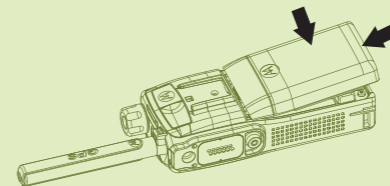21 LED Status Indicator
22 Antenna

LED Status Indicator

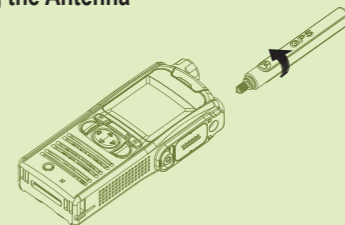| Indicator	Status
Solid green	In use
Blinking green	In service
Solid red	Out of service
Blinking red	Connecting to a network Entering DMO
Solid orange	Transmit Inhibit in service Channel busy in DMO
Blinking orange	Incoming private or phone call
No indication	Switched off

Battery Capacity Information

Information	Description
🔋 🔋	Full (50% – 100% capacity)
🔋	Middle (20% – 50% capacity)
🔋	Low (10% – 20% capacity)
🔋	Very low (5% – 10% capacity)
Low battery message	Less than 5% capacity

Getting Started

Installing the Battery

Remove the battery from its protective case.
Insert the battery top into the compartment as illustrated.
Carefully press the battery bottom downward until it clicks into place.

Attaching the Antenna

Turn the terminal off before attaching the antenna.
Align the bottom of the antenna and the screw-in base on the top of the terminal.
Turn clockwise until snug. Do not force.

Unlocking the Terminal

Your terminal may be locked at power up. To unlock the terminal after powering on, enter the code at the prompt using Software Numeric Keypad. The unlock code is originally set to 0000. Your Service Provider may change this number before you receive your terminal.

Unlocking/Locking Keys

To unlock/lock the keypad, press the Menu button and then Left Navigation Key.

How to Hold Your Terminal

The terminal has two microphones: a top microphone for Simplex dispatcher/private calls and a bottom microphone for Duplex telephone-like calls. When using low audio (Duplex calls), hold your terminal as you would a telephone. Speak into the bottom microphone. Listen via the earpiece. Keep antenna at least 2.5 centimetres from your head and body.

When using high audio (Simplex calls), hold terminal in a vertical position with its top microphone 5 to 10 centimetres away from your mouth. Speak into the top microphone. Listen via the terminal's internal speaker. Keep antenna at least 2.5 centimetres from your head and body.

Looking After Your Terminal

Never leave your terminal or battery in extreme temperatures (over +85 °C) - for example, behind windscreen in very hot, direct sunlight.
Do not immerse your terminal in water.
To clean your terminal, use a moistened or antistatic cloth.
Do not use a dry or electrostatically charged cloth.

More Information on the Terminal

Visit the Motorola Solutions Web site at:
http://www.motorolasolutions.com/tetraterminals

Motorola Online

MTP830 S Feature User Guide and related documentation
Available at: https://emeaonline.motorola.com/

Open Source Software Legal Notices

Available at: https://emeaonline.motorola.com/
and on Customer Programming Software (CPS) CD

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Icons

Icons

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Icon	Description
	In Service (TMO)
	No Service (TMO)
	Signal Strength
	Direct Mode (DMO)
	Gateway Mode(DMO)
	Repeater Mode (DMO)
	Emergency Mode
	Talkgroup Scrolling
	Scan (TMO)
	Battery Level
	All/Simplex/Duplex Ring Muted
	Vibrate
	Low/High Audio

Icon	Description
	Earpiece Connected
	Speaker Off
	Man Down
	Man Down Failure
	New Message Has Arrived
	New Message(s)
	Packet Data
	GPS
	WAP (if Color Display enabled)
	End-to-End Encryption
	High RF Power
	Call Out
	WAP Box

Using the Terminal

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Turning the Terminal On/Off

To power the terminal on/off, press and hold On/Off Key.

Using the Terminal Menu

To enter the menu, press the Menu Key.
To scroll through the menu, press the Up or Down Navigation Key.
To select a menu item, press Select or the Right Navigation Key.
To return to previous level, press Back or the Left Navigation Key.
To exit the menu items, press the Home Key.

Selecting Trunked/Direct Mode Operation

From the Home display press Optns, select Trunked Mode or Direct Mode.

Making a TMO/DMO Group Call

Enter TMO or DMO. From the Home display navigate to the desired group. Press Select (if configured). Press and hold the PTT. Wait for the talk permit tone (if configured) and talk. Release the PTT to listen.

Making a TMO/DMO Emergency Group Call

Enter TMO or DMO. Press and hold the Emergency Button. Emergency alarm is sent automatically (if configured). Press and hold the PTT. Wait for the talk permit tone (if configured) and talk. Release the PTT to listen.

If using Hot Mic feature, wait for the Emgcy Mic On message to appear on the display and talk without pressing the PTT.
To exit Emergency Mode, press and hold Exit soft key.

Making a Simplex Private Call

From the Home display dial a number using Software Numeric Keypad (press and hold the configured key, by default: Right Navigation Key). Use the Rotary Button to select the digits. Press and release the PTT. The ringing sounds. The called party answers. Wait for the called party to finish speaking. Press and hold the PTT. Wait for the talk permit tone (if configured) and talk. Release the PTT to listen. Press the End Key to terminate the call.

Making a Duplex Private Call/Phone/PABX Call

From the Home display dial a number using Software Numeric Keypad (press and hold the configured key, by default: Right Navigation Key). Use the Rotary Button to select the digits. Change the call type by pressing Ctype Softkey. Press and release the Send Key. The ringing sounds. The called party answers. Press the End Key to terminate the call.

Sending a Status Message

Select the desired group, then press the Menu Key and select Messages > Send Status. Select a status and press the Send Key or PTT.