

REACH FARTHER
RESPOND FASTER

ADVISOR™ TPG2200 TETRA TWO-WAY PAGER

MOTOROLA SOLUTIONS

DATA SHEET



TPG2200 TETRA TWO-WAY PAGER
REACH FARTHER. RESPOND FASTER.





WITH ITS ENHANCED COVERAGE AND EXTENDED BATTERY LIFE, THE TPG2200 TETRA TWO-WAY PAGER ENSURES YOU CAN REACH FIREFIGHTERS, EMERGENCY PERSONNEL, AND HEALTHCARE WORKERS WHEN THEY'RE NEEDED MOST.

The result? Fires get extinguished. Communities stay safe. And people receive the urgent care they need.

In those critical moments, every second counts. That's why we made the TPG2200 simple to use, even with one hand. Quickly read and respond to messages with a bright, 2" colour display and familiar user interface. Carry the pager anywhere without it getting in the way thanks to a lightweight, compact design. And, since the TPG2200 is IP54 rated for dust and water protection, you know it will keep working even when exposed to the elements.

As one of the world's leading suppliers of TETRA radios, Motorola Solutions is a partner you can rely on. Because people are relying on you.

Key Features

- Enhanced coverage with 1.8W transmit power
- Increased static and dynamic sensitivity
- LED coverage indicator
- Powerful speaker
- Vibration alert
- Flashing LED alert
- Bright 2" colour display
- Simple controls and intuitive user interface
- Lightweight and compact design
- IP54 and MIL-STD 810 D/E/F rating
- Extended battery life up to 48 hours
- AIE TEA 1, 2, 3 and BSI SIM
- Integrated GPS for location services
- USB-C to USB-A connector for charging and programming
- Home station for extended indoor coverage







EXTEND YOUR RANGE.

WHEN EMERGENCIES HAPPEN, YOU NEED TO COMMUNICATE QUICKLY AND EASILY WITH YOUR PERSONNEL.

With its 1.8W transmit power and increased static and dynamic sensitivity, the TPG2200 TETRA two-way pager gives you enhanced coverage so you can reach your personnel - and they can reach you. And with an LED coverage indicator, they will always know when they are connected.

TAKE IT ANYWHERE.

YOU CAN CARRY THE TPG2200 TETRA TWO-WAY PAGER ANYWHERE.

Thanks to its lightweight and compact design, it won't get in the way of everyday life.



EASY TO USE.

EVERY SECOND COUNTS WHEN IT COMES TO PUTTING OUT FIRES OR SAVING LIVES.

That's why we made the TPG2200 TETRA two-way pager simple to use - even with one hand. You can quickly read and respond to alerts on the bright 2" colour display. And the familiar Motorola Solutions radio user interface is easy to use for everyone. A powerful speaker, vibration alert and a flashing LED means you will never miss a callout.





KEEP COMMUNICATIONS SAFE.

YOU NEED TO STAY FOCUSED ON THE EMERGENCY WITHOUT WORRYING ABOUT SECURITY.

The TPG2200 TETRA two-way pager supports multiple encryption protocols, including BSI SIM and AIE TEA 1, 2 and 3, so your communications stay protected.

BUILT TO LAST.

COUNT ON THE TPG2200 TETRA TWO-WAY PAGER TO WORK WHEN YOU NEED IT MOST.

With IP54-rated dust and water protection, it's designed to withstand the rigors of tough environments. And with up to 48 hours of battery life, it's built to keep going.

ALWAYS READY.

KEEP THE BATTERY FULLY CHARGED USING THE HOME STATION, SO THE TPG2200 TETRA TWO-WAY PAGER IS READY WHEN YOU ARE.

The home station also features an external SMA swivel antenna that enhances indoor coverage when the pager is docked as well as an integrated LED warning light and a relay connector for additional alerting devices.



KNOW WHERE THEY ARE.

MANAGE YOUR RESOURCES BETTER BY KEEPING TRACK OF YOUR PERSONNEL USING BUILT-IN GPS.

When there's an emergency, for example, you can send messages only to those closest to it. That way, you'll be confident your people will get to the scene quickly, and the situation will be resolved fast.





TPG2200 TETRA TWO-WAY PAGER

REACH FARTHER.
RESPOND FASTER.



LED message indicator

LED coverage indicator

Wrist strap holes

Textured grip

Speaker



Internal antenna

Integrated GPS

Power / sleep / wake button

Soft key / accept

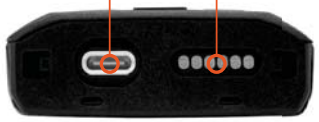
Soft key / reject

Mute / shortcut button

Menu / home button

Up navigation button

Down navigation button



USB-C connector

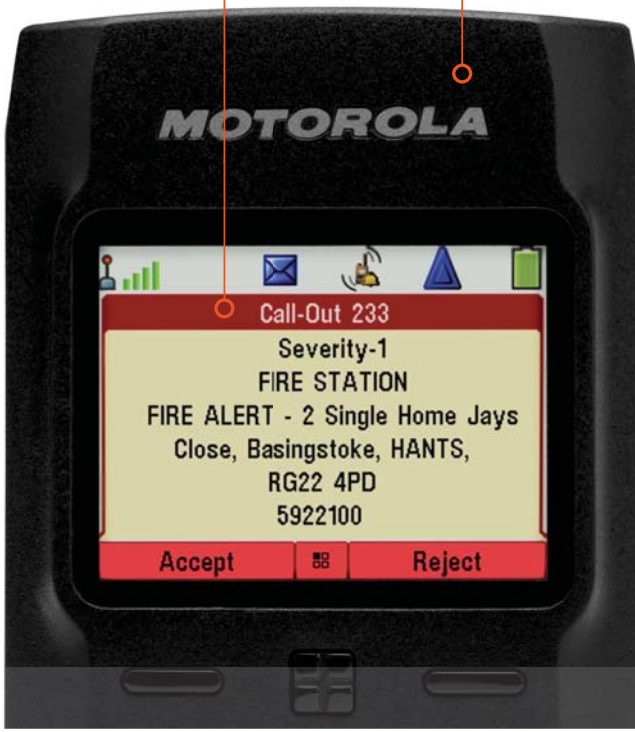
Input / output connector



Extended battery life

Battery cover lock key

Nameplate



Full colour display

IP54 rating



TPG2200 ACCESSORIES

CHOOSE FROM A VARIETY OF MOTOROLA ORIGINAL® ACCESSORIES DESIGNED, TESTED AND CERTIFIED TO OPTIMISE THE PERFORMANCE OF YOUR TPG2200.

CARRY ACCESSORIES

The TPG2200 Carry Case and Carry Holster let you take the pager with you wherever you go, without it getting in the way of everyday life.

PMLN7606A
Holster



PMLN6074A
Wrist Strap



PMLN7605A
Carry Case



BATTERIES, CHARGERS AND PROGRAMMING

The Vehicle Power Adaptor and Wall Charger ensure the TPG2200 is always ready to use whenever and wherever you go. The Multi-Unit Charger can be used with Integrated Terminal Management (iTM) to reprogramme the pagers while they charge.

PMNN4510A
IMPRES Li-Ion 2300 mAh Slim Battery

Multi-Unit Charger

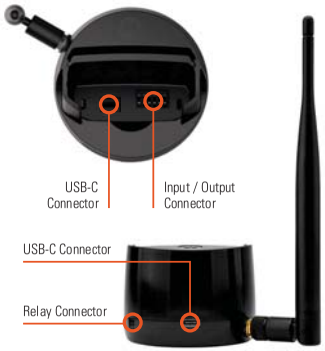
USB-C Wall Charger

Vehicle Power Adaptor

PMKN4196A
USB-C to USB-A Programming Cable

HOME STATION

The Home Station keeps the battery fully charged and gives you enhanced coverage when the TPG2200 is docked.



AN000240A01
SMA Swivel Whip Antenna



PMPN4142A
Home Station

TPG2200 TETRA TWO-WAY PAGER SPECIFICATIONS

GENERAL
Dimensions: 99H x 60W x 23D mm
Weight (Including Battery): 160 g
IMPRES™ Li Ion: 2300mAh Battery
Battery Performance: Up to 48 Hours
BOS Network Energy Economy Mode
0.5W Audio Power*
Internal Antenna
USB-C Connector for Charging and Data

RF SPECIFICATIONS
Frequency Bands: 380-410 MHz, 400-430 MHz
Transmitter RF Power: Class 4 (1W) and Class 3L (1.8W)
Adaptive Power Control: Per EN 300 392-2
Receiver Class: A and B
Rx Static Sensitivity: -114dBm (min); -116dBm (Typical)
Rx Dynamic Sensitivity: -105 dBm (min); -109 dBm (Typical)
Graceful Service Degradation Mode (GSDM) Support
LED Coverage Indicator

ENVIRONMENTAL SPECIFICATIONS
Operating Temperature: -20°C to +60°C
Storage Temperature: -30°C to +70°C
Humidity: ETSI 300 019-1-7 class 7.3E
Dust and Water Ingress Protection: IP54 per IEC 60529
Shock, Drop and Vibration: ETSI 300-019 1-7 Class 5M3; MIL-STD 810 D/E/F

DATA SERVICES
Packet Data
Call Out
SDS Messaging in TMO and DMO
STATUS Messaging in TMO and DMO
iTM Fleet Management (Remote Programming)
AT Commands
TNP1 - Support Simultaneous Packet Data and Short Data Services over PEI

SECURITY OPTIONS
Enhanced Security - DMO SCK, SCK OTAR, GCK and GCK OTAR
Mutual Authentication
Air Interface Encryption Algorithms - TEA1, TEA2, TEA3, CLR
BSI SIM

LOCATION SERVICES
Internal GPS Antenna
Tracking Sensitivity: -160 dBm
Accuracy: <5m Metre (50% Probable) @ -130 dBm
Protocols: ETSI LIP and Motorola LRRP

AUDIO AND ALERT OPTIONS
Multiple Ring Tones: 8 Pre-set Alert Tones and up to 8 Imported Tones (WAV Files)
Vibrate Alert: 5 Pre-set Vibration Alerts
LED Message Indicator
Configurable Audio Profile
Configurable User Profile: Configurable Tone, Vibration, LED Pattern

* No Voice Services.



TPG2200 TETRA TWO-WAY PAGER SPECIFICATIONS

USER INTERFACE
Display
Large 2" Full Colour QVGA
Backlight, Large Icons and Scalable Text Font Options
Screen Saver: Gif Image, Text (User Defined), Real Time Clock
Universal Time Display
Controls
Power Button
Mute Button
One Touch Buttons Up / Down Keys
Soft Keys
Automatic Keypad Backlight
Keypad Lock
Advanced User Interface
Multiple Languages
Talkgroup Management: User Friendly, Flexible, Efficient, Fast and Efficient Interface
Menu Shortcuts
Text Message List: 50 per Profile, up to 10 Profiles
Call Out: 25 per Profile, up to 10 per Profile
Status List: 5120 Alias Messages
Country/Network Code List: 100
User Profiles: 1 Pre-set up to 10 Configurable

HOME STATION
Integrated LED Alert Indicator
External Swivel Antenna for Better Coverage
SMA Connector
Relay Connector for Additional Alarming Peripheral
LICENSED OPTIONS
Multi-Slot Packet Data
GPS
Enhanced Security
Permanent Disable / Permanent Disable V2
Secondary Control Channel (SCCH)
SDS Remote Control
Immediate Text
Subscriber Cell Stickyness
Ignore LST
Military Grid Reference System (MGRS)
RF Power Toggle
ACCESSORIES
IMPRES Li-Ion 2300 mAh Slim Battery
USB-C to USB-A Charging / Programming Cable
Wall Charger
Multi-Unit Charger
Vehicle Power Adaptor (VPA)
Carry Holster (for Horizontal and Vertical Positions)
Carry Pouch (Belt Loop and Belt Clip)
Wrist Strap
Home Station Antenna

For more information, please visit: MotorolaSolutions.com/ADVISORTPG2200

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