

KENWOOD

Listen to the Future



TK-7185

VHF MPT1327 Trunked Mobile Radio

GENERAL FEATURES

- 1-25 W (217-270 MHz)
- Remote Control Head Option
- Backlit Dot Matrix LCD
- 12 Character Alphanumeric Aliases
- 3-Digit Sub-Display
- Function / Status LCD Icons
- Display Customisation
- RSSI Indicator
- Date & 12/24 Hour Time Clock
- Transmit / Busy / Call Alert
- 6 Backlit PF Keys
- Emergency / AUX Key
- 4 Watt Front Panel Speaker
- Voice Inversion Scrambler Built-in
- Enhanced Kenwood Audio
- Encryption Board Control
- Easy Option Port¹
- DTMF Manual Encode²
- Timed Power Off
- DB-25 Accessory Connector
- 9 Programmable AUX I/Os
- 2 Programmable AUX Outputs
- Ignition Sense³
- Mil-Spec Standard Mic
- MIL-Spec 12-Key DTMF Mic Option
- Windows[®] Programming & Tuning⁴
- Windows[®] Firmware Uploading⁴
- Front Panel Test / Tune

- MIL-STD-810C/D/E/F
- MIL-STD "Driven-Rain"⁵
- IP-54/55 Water & Dust Intrusion⁵

CONVENTIONAL MODE⁶

- 32 Channels
- 12.5/25 kHz CH Spacing (per CH)
- QT / DQT Encode & Decode
- Normal Scan (No Priority)
- Scan Delete / Add
- Companded Audio (per CH)
- Time Out Timer
- Busy Channel Lockout (per CH)

TRUNKED MODE⁶

- 8 Network Capacity
- Multi-Site Network Trunking
- Single-Site Trunking
- Network Roaming/Registration
- 12.5/25 kHz Spacing (per network)
- Individual Call ("Private Calling")
- Group Call
- Broadcast Call
- Inter-fleet Calling
- Inter-Prefix Calling
- PTT Initiate Call

- PSTN / PABX Call
- Priority Call
- Emergency Call
- Pre-emptive Emergency
- Full Off Air Call Setup
- Network Call Queuing
- Call Prioritisation
- Third-Party Diversion
- Queue Incoming Call
- Special Alert Tones⁷
- Electronic Serial Number (ESN)
- Manual Conventional Mode
- 99 Call and Group Address List
- Home Address
- Companded Audio⁸
- Network Selector
- KAP-2 PA / Horn Alert Option⁹
- PAA2424 available

Footnotes :

- 1 Easy Option Port: Supports Encryption boards only; ANI boards are not supported.
- 2 DTMF Manual Encode (DTMF microphone required)
- 3 KCT-46 ignition sense cable option required; plugs into mobile ignition sense pig-tail cable.
- 4 KPG-96D required: Windows[®] 98/ME/2000/XP/Vista (32-bit) compatible.
- 5 MIL-STD "Driven-Rain" and IP-55 Water/Dust Intrusion apply to remote control head only; IP54 applies to radio chassis.
- 6 Conventional Mode: Mode entry by PF key or auto Mode Change. Network / Trunking operations are MPT1327/1343 compatible.
- 7 Special Alert Tone Patterns: enabled for MPT Individual Call, Auto Mode Change.
- 8 Companded Audio can be enabled for all Channels in Trunked Mode and per Channel in Conventional Mode.
- 9 KAP-2 required: Public Address & Horn Alert operate in MPT mode only.



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