

QNM-60LTed



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QNM-60LTed

3G/4G LTE SMART DMR MOBILE RADIO

FEATURES

- 3G/4G LTE Network Access
- DMR/Analogue Mode - Redundancy (450-520MHz)
- 80 Channel UHF CB
- 199 DMR Channels & 1000 LTE Channels
- Over The Air Programming
- Allows all APPs from Google Play
- Touch Screen
- GPS Tracking & Geo Fencing
- WiFi Access & Bluetooth
- Text To Voice Converter
- SOS Function - Duress
- Telephone (Free Dial or Fixed Phone Book)
- Telemetry In/Out-Puts (Bin Lift, Crash Detect, Roll Over Detect, Broom Up/Down Detect)

APPLICATIONS

- Government
- Emergency Services
- Bus & Transportation
- Logistics
- Towing
- Waste Services
- Airports
- Car Rental



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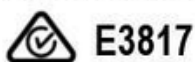
GENERAL SPECIFICATIONS



Channel No	1000
Antenna Impedance	50 Ohm
Operating Voltage	9-30V
Operating Temperature	-30C +60C
Audio Output Power	<1000mW@16Ohm
Dimensions	170*80*85mm
Weight Screen	380g
Touch Screen	3.5inch, 480x320
Colour	Support
Platform CPU	Black MT6572V/X, Dual-core 1.0G
RAM	512MB
ROM	4GB
Operating System	Android 4.4.2
Language	Chinese/English (multi-language)
Antenna	1) WCDMA/GSM Antenna with External Antenna Design 2) GPS Antenna with External Antenna Design 3) BT/WiFi Built-in FPC Antenna 4) DMR-BNC
3G Bands	WCDMA: B1/5/8
4G LTE Bands	FDD-LTE: B1/3/7/28 WCDMA: B1/5/8
WiFi	IEEE802.11 b/g/n
Bluetooth	Bluetooth 3.0HS
GPS	GPS/AGPS
USB	Support, USB2.0
Sim Card Type	Standard SIM Card
Button	SOS, Confirm (Long Press Support PTT) Drop Out, On the Turn,
Knob	Turn Down, Dial, Hang Up ON/OFF and Volume Control
Bluetooth Handheld Mic	Support



- All specifications are subject to change without notice due to continuous development
- Complies with Australia / New Zealand RF standards



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TRANSMITTER



Frequency	VHF: 136-174MHz UHF: 400-470MHz UHF: 450-520MHz
Channel Number	199
Channel Spacing	12.5kHz/25kHz/6.25kHz (DPMR)
Frequency Stability (-20C, +60C, +25C)	+/-1.5ppm
Output Power	L:VHF 1W UHF 1W M: VHF 5W UHF 6W H: VHF 9W UHF 10W
Modulation Limited	+/-2.5kHz @ 12.5kHz +/-5.0kHz @ 25kHz
FM Hum And Noise	-40dB @ 12.5kHz -45dB @ 25kHz
Conducted/Radiated Emission	-36dBm<1GHz -30dBm>1GHz & <4GHz
Adjacent Channel Power	60dB @ 12.5kHz 65dB @ 25kHz
Audio Response	+1, -3dB
Audio Distortion	3%
FM Modulation	12.5kHz: 11KOF3E 12.5kHz: 16KOF3E
4FSK Digital Modulation	12.5kHz only data: 7K60FXD 12.5kHz data and audio: 7K60FXE
Digital Vocoder Type	AMBE +2tm
Digital Protocol	ETSI TS 102361-1,-2,-3

RECEIVER

Frequency	VHF: 136-174MHz UHF: 400-470MHz UHF: 450-520MHz
Channel Number	199
Channel Spacing	12.5kHz/25kHz/6.25kHz (DPMR)
Frequency Stability (-20C, +60C, +25C)	+/-1.5ppm
Analog Sensibility	0.25uV (12dB SINAD) 0.3uV (20dB SINAD)
Digital Sensibility	5%BER: 0.3uV
Intermodulation	65dB
Adjacent Channel Selectivity	60dB@12.5kHz 65dB@25kHz
Spurious Rejection	65dB
Rated Audio	1.2W
Audio Distortion@Rated Audio	3%
FM Hum and Noise	-40dB@12.5kHz -45dB@25kHz
Audio Response	+1, -3dB
Spurious Emmission	-57 dBm

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QNM-60LTed ACCESSORIES



INCLUDED IN THE BOX



Antenna
QNM60LTed-ANT



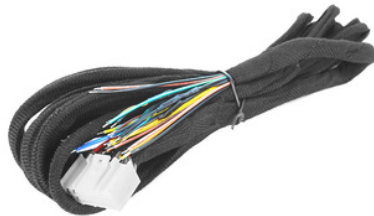
Mounting Bracket



Microphone
QNM60LTed-MIC



GPS Antenna
QNM60LTed-GPS



ACC Power Cable
QNM60LTed-PC

OPTIONAL EXTRAS



External Speaker-Square
(2W 40hm)
CCESP1



External Speaker-Rectangular
(5W 80hm)
CCESP3



Canopy
QNM60LTed-CAN