



Q PATCH

Covering **90%** of
all populated areas
across Australia

The ideal radio solution for:

- Airports
- Logistics
- Public transport
- Emergency Services
- Towing services

QNP - 58
QNM - 98

Now we're talking
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Allova's Benefits:



- Low set-up cost
- No registration fee
- No infrastructure costs
- No licensing fees required
- No high site rental costs
- No monthly electricity costs
- No delays in building networks
- No cross border/state monthly fees
- No extra cost to use GPS tracking and polling
- No extra costs to receive telephone calls (portables only)
- No extra cost for extended network coverage
- Low and fixed monthly network connection fee
- Two-way radio voice communication equivalent to mobile phones
- Text messages available at no extra cost (portable radio)
- Talk further and clearer than any other two-way radio on the market
- Fraction of the cost of any other digital radio network
- 100% voice communications inside most tunnels in Australia

QNM-98 **Mobile Network Radio**



QNP-58

Functions Introduction

QNP-58 is a leading edge Network Radio powered by Android OS and designed for use in mission-critical applications. It is designed to completely combine the function of phone and Network Radio-PTT functions.

OS -Android 4.4.2

Screen - 2.4 LCD 240*32mm

GPS: GPS, and A-GPS.

WIFI: IEEE 802.11

Bluetooth: V4.0

Charger : Standard Micro USS charger and Charge cradle

Dispatcher station can receive information

Secondary development is available



Technical Specifications



TYPE	Parameter Tye	QNP - 58	QNM - 98
Mechanical Properties	Dimension	53(H) x 135(W) x 40(L)mm	38(H) x 92(W) x 118(L)mm
	Weight	220g (without battery)	280g
	Working Temperature	-30°C to + 75°C	-30°C to + 85°C
Basic Parameter	Working Voltage	3.3V - 4.2V (Standard 3.8V)	9V - 24V
	Working Current	250mA@ UTMS 2100/900 220mA @ GSM 900	250mA @ UTMS 2100/900 220mA @ GSM 900
	Peak Current	0.8A	0.8A
RF Parameter	WCDMA	Band 1 :21 00M Band 8:900M	Band 1:2100M Band8:900M Band5:850M (optional)
	GSM	GSM/GPRS: 850 /900 /1800/1900MHz	GSM/GPRS : 900M /1800M GSM/GPRS : 850M /1900M
	Maximum RF power	WCDMA 900/12100MHz: Power Class 3 (+24dBm +2.5dBm /-1.5dBm) GSM/GPRS 850 /900 MHz :Power Class 4 (+33dBm +2.5 dBm /-0.5 dBm) GSM/GPRS 1800 /1900 MHz :Power Class 1 (+30dBm +2.5 dBm /-0.5 dBm)	WCDMA 900 12100MHz: Power Class 3 (+24dBm +2.5dBm /-1.5dBm); GSM/ GPRS 850 /900 MHz :Power Class 4(+33dBm +2.5 dBm /-0.5 dBm); GSM/ GPRS 1800 /1900 MHz :Power Class 1(+30dBm +2.5 dBm /-0.5 dBm);
	Receiving Sensitivity	WCDMA 900: ≤ -108 dBm WCDMA2100:≤ -109 dBm GSM850 /900 /1800 /1900: ≤ -106 dBm	WCDMA 900:≤-108 dBm; WCDMA 2100:≤-109 dBm; GSM850 /900 /1800 /1900: ≤-106 dBm;
GPS	GPS	GPS Positioning, Support A-GPS function, 1.57542GHz	GPS Positioning, 1.57542GHz;
	Sensitivity	Catch -144dBm. Track -159dBm	Catch -144dBm, Track -159dBm;
Technology Standard	Data Speed Rate	GSM CS:UL 9.6kpbs / DL 9.6kpbs GPRS:Multi-slot Class 10 EDGE: Multi-slot Class 12 WCDMA CS: UL 64kpbs / DL 64kpbs WCDMA PS: UL 384kpbs / DL 384kpbs	GSM CS:UL 9.6kpbs / DL 9.6kpbs GPRS:Multi-slot Class 10 EDGE: Multi-slot Class 12 WCDMA CS: UL 64kpbs / DL 64kpbs WCDMA PS: UL 384kpbs / DL 384kpbs
	Protocol	HSDPA/WCDMA/EDGE/GPRS/GSM	HSDPA/WCDMA/EDGE/GPRS/GSM
WiFi	WiFi	IEEE 802.11 b/g/n ,2.4G	NA
	Maximum RF power	≤ 20dBm	NA
	Receiving Sensitivity	IEEE 802.11 g: ≤ -65dBm	NA
Bluetooth	Bluetooth	Support V4.0,V3.0,V2.1	NA
	Maximum RF power	Class 1 ≤ 1 0dBm	NA
	Receiving Sensitivity	GFSK: ≤-95dBm,DQPSK ≤ -94dBm, DPSK ≤ - 88dBm	NA