

## Specifications

### General

Frequency Range	UHF: 400~470 MHz
Channel Capacity	1024 (64 Zones x 16 Channels)
Channel Spacing	12.5kHz (Digital) 25/12.5kHz (Analogue)
Operating Voltage	7.4V (Rated)
Battery	2600mAh
Battery Life	Analogue: Above 11 Hours; Digital: Above 16 Hours
<small>(5-5-90 Duty Cycle, High XT Power)</small>	
Frequency Stability	±1.5ppm
Antenna Impedance	50 Ω
Dimensions	118x55x34mm
Weight	252g (with 1600mAh Battery)

### Receiver

Sensitivity (Analogue)	0.22 μV (25kHz) / 0.25 μV (12.5kHz)
Sensitivity (Digital)	0.25 μV / BER 5%
Selectivity	60 dB @ 12.5kHz / 70 dB @ 25kHz
Intermodulation	65dB
S/N	40dB @ 12.5kHz / 45 dB @ 25kHz
Rated Audio Power Output	1.5W
Rated Audio Distortion	≤5%
Audio Response	+1~-3dB
Conducted Spurious Emission	< -57dBm

### Transmitter

RF Power Output	UHF High Power: 4W / Low Power: 1W
FM Modulation	11KΦF3E @ 12.5kHz / 16KΦF3E @ 25kHz
4FSK Digital Modulation	12.5kHz Data Only: 7K60FXD / 12.5kHz Data&Voice:7K60FXW
Conducted / Radiated Emission	≤-36dBm (<1GHz) / -30dBm (>1GHz)
Modulation Limiting	≤2.5kHz @ 12.5kHz / <5kHz @ 25kHz
FM Noise	40dB @ 12.5kHz / 45dB @ 25kHz
Adjacent Channel Power	60dB @ 12.5kHz / 70dB @ 25kHz
Audio Distortion	≤3%
Digital Vocoder Type	AMBE3000+
Digital Protocol	ETSI-TS102 361-1. -2. -3

### Environmental

Operating Temperature	-30 °C ~ +60 °C
Storage Temperature	-40 °C ~ +85 °C
ESD	IEC 61000-4-2 (Level 4) / 8kV (Contact) / 15kV (Air)
U.S. Military Standard	MIL-STD-810 C/D/E/F/G Standard
Dust & Waterproof Protection	IP67 Standard
Humidity	Per MIL-STD-810 C/D/E/F/G/ Standard
Shock & Vibration	Per MIL-STD-810 C/D/E/F/G/ Standard



Maximon Solutions

Pronto Series

P-9300

# Maximon Solutions

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## Pronto Series

### Main Functions

- **Dual Modes (Analogue + Digital)**

The P-9300 can operate in either analogue or digital mode. It is compatible with the prevalent analogue system, ensuring a smooth transition between systems.

- **Versatile Voice Calls**

Intelligent signalling of the P-9300 supports various voice call types, including private call, group call, all call and emergency call.

- **Secure Communication**

Provides high level encryption utilizing advanced 128-bit encryption algorithm. In analogue mode it also features scrambling mode.

- **Various Analogue Signalling Types**

The P-9300 supports various analogue signalling (DTMF Encode, 2-Tone and 5-Tone), and provides higher function expansion capacity.

- **Advance Features**

Lone worker and optional man-down safety features.

### Accessory List

#### Standard Accessories

Antenna; Battery; Charge Adaptor; Desktop Charger; Belt Clip; Wrist Strap

#### Optional Accessories

Earphone; Remote Microphone; Leather Case

