



K9

IP67 PORTABLE RADIO

- High Quality Processor.
- Fully compliant with CE and FCC certification
- Wide band frequency.
- VHF: 136 -174 MHZ
- UHF: 400-480 MHZ - PMR 446 -FRS
- K9 ~ IP67 & MIL SPEC: 810 C- G
- K9 ~ IP67 Battery (when connected)
- COMPACT (H x W x D in mm)
- 103.00 X 56.0 X 34.00
- WEIGHT: 240-250 GRAMS
- K9 ~ 200 CHANNELS
- VOX & Auto VOX
- Advanced Audio Compander (AAC)
- Advanced Noise Reduction (ANR)
- Near Digital Audio (NDR)
- Record function TX/RX (10-600 seconds)
- Vibration
- Toughened Plastic PTT cover plate
- 1000 mW of audio
- 2000 Mah Li-ion Battery
- 12.00+ hour duty cycle without battery save
- Battery save (5 settings)
- 3.5 hour fast charge (average)
- Repeater mode
- Multi voice annunciation function for channel, TX Power & Battery capacity
- Mixed Channel (25.00/12.50/20.00/6.25 KHz)
- Fast key pad lock
- Bright hidden OLED display
- Advanced scan
- Dual advanced scan
- Analogue TOT, BCLO, BTLO
- Advanced Noise Reduction
- Analogue Compander
- Analogue repeater tail reverse
- Advanced analogue scrambler
- User unique defined scrambler/hopping
- CPS Read and write locks
- End of TX tone
- 2/5 tone & DTMF(40ms) PTT-ID
- Emergency call (dealer programmable)
- Covert mode - no OLED back light.
- Quick team (dealer programmable)
- PMR-446 version with FM radio (dealer program)
- Up to 20 dealer programmable functions

We like to think that the Wolfsin K9 professional analogue hand portable is the proverbial Malinois of professional compact analogue two way radios! The K9 is very clever, really tough and exceptionally reliable. K9 comes with OLED indication and voice announce for the channel in use, battery capacity, power setting and numerous other useful or critical features and functions.

GENERAL SPECIFICATION	
MODEL	WOLFSIN K9
FREQUENCY RANGE	UHF - 400 - 470Mhz, 450-520Mhz. VHF - 136 TO 174MHz
CHANNEL CAPACITY	UP TO 200 channels,
NORMAL OPERATING VOLTAGE	7.4-7.5V
OPERATING TEMP	-30C ~+ 65C
STORAGE TEMP	-40C ~+ 85C
WEIGHT	240-250g with Battery/belt clip/aerial fitted
DIMENSIONS	H:103.00 X W:56.00 X D:34.00 ALL IN MM WITH STANDARD 2000 MAH LITHIUM BATTERY, Maximum dimensions without belt clip fitted, excludes extrusions.
DUST PROTECTION AND WATER RESISTANCE	IP 67 - WATER PROOF 1 metre for 30 minutes, 0.5 metre for 90 minutes.
2200 MAH BATTERY LIFE 5/5/90 DUTY CYCLE	ANALOGUE: 12 HOURS -AVERAGE DEPENDING ON BATTERY TYPE 5/5/90 DUTY CYCLE

RECEIVER	
FREQUENCY	UHF - 400 - 480Mhz, VHF - 136 TO 174MHz
CHANNEL SPACING	12.5/25.0KHZ
FREQUENCY STABILITY	+/- 2.5ppm
ANALOGUE SENSITIVITY	0.20uV/-121dBm (typical)
DIGITAL SENSITIVITY	
INTERMODULATION	TIA603 : 70dB ETSI : 70dB
ADJACENT CHANNEL SELECTIVITY	TIA603C: 60Db@12.5Khz, 70DB@ 25KHZ ETSI: 60dB@12.5Khz, 70DB@ 25KHZ
CO-CHANNEL REJECTION	12Db@12.5KHz
SPURIOUS RESPONSE REJECTION	TIA603C : 75Db ETSI : 70dB
CONDUCTED SPURIOUS EMISSIONS	-57Dbm @ <1GHZ : -47dBm @ > 1GHz
BLOCKING	84dB
RATED AUDIO POWER OUTPUT	1.0W (1000mW)
AUDIO RESPONSE	+1dB ~-3dB
RATED AUDIO DISTORTION	3% typical <small>Specifications subject to change due to continuous development</small>

TRANSMITTER	
FREQUENCY	UHF - 400 TO 470/480 MHz. VHF - 136 TO 174 MHz Country and region dependant
CHANNEL SPACING	12.5 KHz
FREQUENCY STABILITY	+/- 2.5 PPM
POWER	Low Power : 1W . High Power : 4W UHF, 5W VHF
HUM AND NOISE	-40dB@12.5Khz, 45Db @ 25Khz
CONDUCTED, RADIATED SPURIOUS EMISSION	-36dBm @<1Ghz, -30dBm @ >1GHz
ADJACENT CHANNEL POWER	-60dB @ 12.5KHz
ADJACENT TRANSIENT CHANNEL POWER	-50dB @ 12.5KHz
FM MODULATION MODE	12.5Khz : 11KOF3E, 25Khz : 16KOF3E
4FSK DIGITAL MODE	
MODULATION MAXIMUM DEVIATION	2.5Khz @ 12.5Khz : 5Khz @ 25Khz
NON ACTIVE SLOT POWER	
AUDIO RESPONSE	+1dB~-3dB
AUDIO DISTORTION	3% typical
DIGITAL PROTOCOL	
VOCODER TYPE	AMBE+2 TM <small>Specifications subject to change due to continuous development</small>

The Wolfsin K9 analogue radio comes supplied with a 2000 Mah capacity Lithium Ion battery, heavy duty belt clip, fast charger pod, UK 3 pin PSU, Stubby, banded or tuned UHF ¼ whip aerial, short form user manual/cd.

A full range of audio, battery and charging accessories are available.

*Salt and contaminated water must be removed from external metal parts as advised in the user manual and by Wolfsin dealers. Ultimate submersion depth and time can be affected by excessively hot or cold water, running water increases pressure against seals and will reduce the duration the radio can remain submerged without water ingress. Audio accessory cover **must be fully and properly closed to meet the full IP standard stated.**

Products are improved continuously thus specifications may change.

Specification may change in some regions and without notice.

We chose the K9 name for this radio carefully as **K9** means a lot to a lot of people, it's a famous mountain in more than one country, but for Wolfsin it is the enduring relationship between humans and canines that is the inspiration for the **K9** analogue radio.

The 2025 K9 professional analogue radio represents almost everything we know about analogue two way radio. It starts with an IP67 waterproof and Mil Spec G ruggedised polycarbonate dual tone compact body designed to serve for years.

From Advanced Noise Reduction and Comander to a "find me" blinking blue LED the K9 is your best companion whether on the mountains, a building site or a factory the K9 simply excels at what it does best - practical and reliable two way radio

The K9 is IP67 WATER PROOF. Tested in the UK at 1M for 30 minutes, 0.5M for 1.5 hours from 10.45 am to 12.15 am K9 S/NO was K800BDA00197.



Born tough to work hard
Visit www.wolfsin.net for more information

