

WOLFSIN

Born tough to work really hard

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K9
IP67 PORTABLE RADIO

The new Wolfsin professional K series is at the very pinnacle of analogue two way radio. We like to think of the Wolfsin K9 professional analogue hand portable as the proverbial Malinois of compact analogue two way radios! The K9 is really clever, really tough and exceptionally reliable. The K9 sets a higher standard in audio and carrier clarity, with a near silent carrier allowing crystal clear spoken audio to be carried over greater distances hence why we claim it is NDA - Near Digital Audio.



We chose the K9 model 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.

For Wolfsin it is the enduring relationship between humans and canines that is the inspiration for the new IP67 waterproof K9.

With Military Spec 810 C, D, E, F, G the ultra tough and rugged K9 analogue radio will serve faithfully for many years.

This K9 and K series is the last, final and exceptionally clear word in professional analogue two way radio.

FCC UK CA CE



You may have seen its like before, but the Husky K9 High VISIBILITY, BUSINESS & INDUSTRY models can outperform all others, whether analogue or digital*.



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 poly-carbonate dual tone compact body designed to give years of service, to superior features such as advanced noise reduction and companded audio.*

A useful vibration function is not only a reminder that your radio is on, but it can help to clear the speaker after immersion in water. A unique TX/RX record feature can be a critical aid when things go wrong as it can act as permanent record in any emergency (dealer programmable).

With a 7.4V ~ 2000 mAh Li-ion battery as standard (a slimmer 7.4V ~ 1500 mAh battery with C charge facility is available) the K9 will operate for 12-15 hours or more on a 5/5/90 duty cycle.

The K9 is Part of the HUSKY family of analogue and digital radios all of which are developed and designed to be really hard working, tough and faithfully reliable and the K9 is exceptionally so.



The K9 was developed to give users a real choice without compromise. A choice between synthesised digital audio or an analogue audio experience as nature intended, more like a K9..



● High Visibility safety version - Yellow-black ● Business professional version - Blue-black ● Industrial & Commercial version Grey-black

ALL VERSIONS HAVE

- 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 ● Heavy duty screw in belt clip ● K9 ~ 200 CHANNELS ● VOX & Auto VOX ● Advanced Audio Compander (AAC) ● Advanced Noise Reduction (ANR) ● Near Digital Audio (NDA) ● Record function TX/RX (10-180 seconds) ● Vibration ● Toughened Plastic PTT cover plate ● 1000 mW of audio ● 2000 Mah Li-ion Battery ● 12-15 hour duty cycle without battery save ● Battery save (5 settings) ● 3.5 hour fast charge (average) ● Analogue 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 ● Banded UHF/VHF aerials ● 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 or voice ● Quick team (dealer programmable) ● PMR-446, PRS, FRS, MURS version
- Up to 20 dealer programmable functions

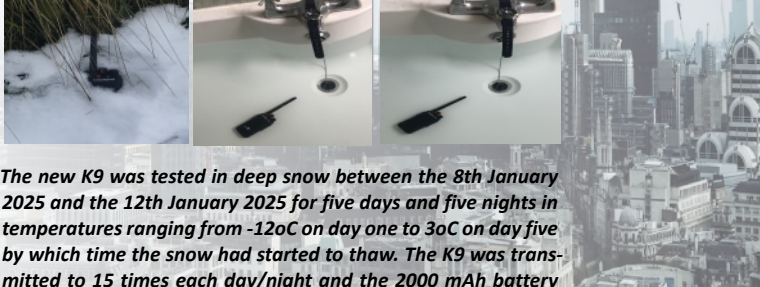


GENERAL SPECIFICATION	
MODEL	WOLFSIN K9
FREQUENCY RANGE	UHF - 400 - 470/480MHz, VHF - 136 TO 174MHz
CHANNEL CAPACITY	UP TO 200 channels,
NORMAL OPERATING VOLTAGE	7.4-7.5V
OPERATING TEMP	-30C ~+ 65C
STORAGE TEMP	-40C ~+ 85C
WEIGHT	240-250g with Battery/belt clip/aerial fitted
DIMENSIONS	H:103.00 X W:56.00 X D:34.00 ALL IN MM WITH STANDARD 2000 MAH LITHIUM BATTERY, Maximum dimensions without belt clip
DUST PROTECTION AND WATER RESISTANCE	IP 67 - WATER PROOF 1 metre for 30 minutes, 0.5 metre for 90 minutes.
2000/1500 MAH BATTERY LIFE 5/5/90 DUTY CYCLE	ANALOGUE: 14/10 HOURS -AVERAGE DEPENDING ON BATTERY TYPE 5/5/90 DUTY CYCLE

RECEIVER	
FREQUENCY	UHF - 400 - 480MHz, VHF - 136 TO 174MHz
CHANNEL SPACING	12.5/25.0 KHZ
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 Specifications subject to change due to development

TRANSMITTER	
FREQUENCY	UHF - 400 TO 470/480 MHz, VHF - 136 TO 174 MHz
CHANNEL SPACING	12.5/25.0 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	N/A
MODULATION MAXIMUM DEVIATION	2.5KHz @ 12.5KHz : 5KHz @ 25KHz
NON ACTIVE SLOT POWER	N/A
AUDIO RESPONSE	+1dB~-3dB
AUDIO DISTORTION	3% typical
DIGITAL PROTOCOL	N/A
VOCODER TYPE	N/A

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/N0 was K8008DA00197.



The new K9 was tested in deep snow between the 8th January 2025 and the 12th January 2025 for five days and five nights in temperatures ranging from -12oC on day one to 3oC on day five by which time the snow had started to thaw. The K9 was transmitted to 15 times each day/night and the 2000 mAh battery lasted the full five days. On the 28th of September 2024 An IP67 Wolfsin K9 was tested in eighteen inches of bath water for 90 minutes without any adverse effect on the radio or the battery (which was connected at all times) as shown on the two pictures (above) clearly showing the watch used to time the test.

Specification may change in some regions and without notice.

All K9's come with an advanced Noise Reduction function which helps to keep the already exceptionally quiet carrier even quieter when in noisy environments. The compander function can remove more on frequency noise ensuring that you will "hear the call"™ whether in the city, factory, stadium or in a mountain gale, **more clearly than on any other analogue radio. Arguably very nearly as clear audio as many digital radios costing two, three, four or more times as much.**

Coincidentally it is all these advanced noise reduction features which makes the K9 - PMR 446, PRS, FRS, MURS versions the class leader in RF coverage* in all licence free services.

Wolfsin radios are tested and retested in the remote Scottish highlands and in the mountains of New Zealand in the most extreme conditions possible. Not only are they manufacture-laboratory tested to the usual MIL Spec 810, TIA/EIA603 and IP specification but are continually extreme tested on land, air and sea trials for months in the harshest conditions possible. Wolfsin test facilities in the UK are based in the outskirts of Inverness, Scotland where we regularly leave Wolfsin radios in biting cold -10 to -25oC conditions for days and nights on end often lying in inches of frozen snow.

All Wolfsin radios are factory tested but we test them further and harder with tests that are removed from a controlled laboratory. We have been testing radios like no other company for decades, we've tested them in driven rain, in 100 mph winds (IOL 2006/14/15/20) going far beyond the standard IP and MIL Spec tests.

*K9 Dual tone bodies, dark grey/black, dark blue/black, available now

Yellow/black, dark green/black, end of third quarter 2025. * In terms of RF B2B coverage, reliability and functionality as against SRRP.

The Wolfsin K9 analogue radio comes supplied with a 2000 Mah capacity Lithium Ion battery, heavy duty belt clip, fast charger pod, EURO/USA/UK/NZ 2/3 pin PSU, Stubby, banded or tuned UHF ¼ whip aerial, VHF HELICAL, 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.



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