

WOLFSIN

HUSKY SCOUT 2

The Scout has had 7 years of nurturing, developing and improving until the new SCOUT 2 has arrived.

Typically a Scout needs to be smarter than average, a Scout needs to be tougher, fitter and more capable, able to hear better and react quicker!

The original Husky Scout has already proven itself remarkably reliable and the SCOUT 2 builds on this achievement and takes the latest HUSKY SCOUT 2 to new heights of reliability and operational capability.

Utilising the same basic case design with improvements and modifications and with even greater sealing protection from liquids, the SCOUT 2 now achieves IP67 for protection against water up to 1M in depth for 30 minutes.

The SCOUT 2 covers all points of the safety compass from Lone worker to emergency call to Safety Shunting tones and Man down, all enclosed in a tough & rugged sub-compact and IP67 rated case.

Three models are available, the non keypad "S", the Short Keypad "SK" and the Full Keypad "FK".

Fully compatible with all good quality two way radios meeting the DMR tier 1 or 11 standard, the Scout can work with any other make or model of digital two way radio.

The HUSKY SCOUT 2 is no low entry level digital radio, available as standard is IP roaming, Easy Trunk, TX Interrupt and more, yet the Wolfsin philosophy of "Everything you will need and nothing you don't" is maintained with the SCOUT 2

The HUSKY SCOUT 2 has a high standard specification but there is no frivolousness, no pointless frippery, just what you will need to operate efficiently and safely no matter how challenging or tough the going gets.



Near Actual Size



2000 mAh Green
Lithium Polymer Battery



BORN TOUGH To WORK HARD

◆ IP67 and Mil Spec 810 C, D, E, F, G ◆ 32-2000 Channels ◆ 2-249 Zones ◆ 1000 mW of Audio ◆ 2000 mAh Li-Poly battery -18 hours on digital ◆ Digital amplification transmit and receive ◆ Digital & Analogue Scan. ◆ Digital & Analogue Vox ◆ IP roaming as standard (no licence fee) ◆ Easy Trunk (works with up to 7 repeaters) ◆ Verbal Audio ◆ Emergency Call* ◆ Verbal Audio Lone worker* ◆ Lone Worker, Man down option ◆ Shunting safety tones ◆ Optional Man Down* ◆ TX Interrupt (No licence fee) ◆ Quick text up to 50 messages. ◆ Basic & Advanced encryption. ◆ Quick Text - Up to 50 messages ◆ 2 to 4 Additional function buttons ◆ ID number display + more * optional or enhanced programming.

GENERAL	
Power Supply	7.5V DC $\pm 20\%$
Frequencies - Full Bandsplit	136-174MHz;350-400MHz;400-480MHz;450-520MHz
Number of Channels	32/2000 Channels
Maximum number of Zones	2/249 Zones
Maximum channels Per Zone	160
Channel Spacing	12.5/25kHz
Operating Temperature	-30°C ~ +60/70°C*
Dimensions:H x W x D(mm)	97 X 55 X 33 > 2000 mAh battery
Weight: (g) With Standard battery	255-260g depending on model version/aerial
Average Battery Life 5/5/90 Cycle:	14 hours analogue 18 hours digital
Transmitter Specifications	
Frequency Stability	1.0 ppm (-30°C to 60°C, 25°C Ref)
Power Output	1W(L),4W(UHF)/5W(VHF)(H)
Modulation Limiting	$\pm 2.5\text{kHz}@12.5\text{kHz}/\pm 5\text{kHz}@25\text{kHz}$
FM Hum & Noise	-40dB
Conducted/Radiated Emission	-36dBm < 1GHz, -30dBm > 1GHz
Adjacent Channel Power	-60dB
FM Modulation Mode	12.5kHz $\square$ 1K0F3E/25kHz:16K0F3E
4FSK Digital Mode	12.5kHz(data only)7K60FXD 12.5kHz(data + voice)7K60FXE
4FSK Modulation Accuracy	5% @25°C 10% @extreme temperature
Nonactive Slot Power	-57dBm
Audio Response (300-3000Hz)	+1 ~ -3 dB
Digital Protocol	ETSI TS 102 361-1,-2,-3
Audio Distortion	< 3%
Vocoder	AMBE+2™
Ext. Microphone Connector	Compatible with M1 - 2-pin
Receiver Specifications	
Analogue Sensitivity	.35 μ V / -116dBm(20 dB SINAD) .22 μ V / -120dBm(12 dB SINAD)
Digital Sensitivity	.22 μ V / -120dBm or better (BER 5%) .25 μ V / -118dBm (BER 1%)
Intermodulation	TIA603 70 dB; ETSI 65dB
Adjacent Channel Selectivity	TIA603C 65dB; TESI:60dB
Spurious Rejection	TIA603C:75dB; ETSI:70dB
Blocking	84 dB
Rated Audio/Ave/ Maximum Audio	750 mW / 1000 mW
Audio Distortion @ Rated Audio	3%
Audio Response (300-3000Hz)	+1 ~ -3 dB
Conducted Spurious Emission	-57 dBm<1 GHz, -47 dBm>1GHz ETS 300 086
ETSI EN301 489-1 V2.2.1	ETSI EN300 086 V2.1.2
ETSI EN301 489-5 V2.2.1	ETSI EN300 113 V2.2.1
REPORT NO 190624001/1	IP66, IP67 MIL SPEC 810 C,D,E,F,G

Wolfsin radios are tested and retested in the remote highlands of New Zealand and Scotland, in the most extreme conditions. 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 days even months in the harshest conditions possible. Wolfsin is based in South Island, New Zealand and the Highlands of Scotland where we regularly leave Wolfsin radios in biting cold -10 to -20°C conditions for days and nights on end often lying in inches of frozen snow, we test them in driven rain in 100 mph winds. We use them in open waters where they are soaked with sea water*, we heat them to plus 60-70-80°C and then we drop test them again. We test them in "trial friendly" sports centres where Wolfsin radios are dropped into swimming pools in depths from 1 metre to 3 metres for 10 to 180 minutes. We deliberately drop them multiple times onto ultra hard granite surfaces, throw them, strike them, sit on them, drive over them with a 3.5 ton 4 X 4 truck, then we do it all again and again until were satisfied that the Wolfsin radio is tough enough to stay the leader of the pack.

*Note - Like most diver watches, Radio IP water depth proofing is based on clear fresh water at a set temperature range and does not refer to moving water nor the radio moving horizontally through water nor salt/alkaline or other water chemical treatments or contaminants

The Wolfsin HUSKY SCOUT 2 series radio is supplied with a 2000 Mah Lithium Polymer battery, heavy duty belt clip, single way fast smart charger pod, UK 3 pin PSU, ¼ whip UHF aerial or Helical VHF aerial, user manual.

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.

Wolfsin HUSKY SCOUT Digital radios are really smart and very tough

Currently the most compact and advanced full power commercial/industrial grade digital radio available today, at H97mm X W55mm X D33mm (excluding protrusions-on/off/channel knobs etc) it is easy to operate from a top pocket or rucksack side pocket, it weighs in at 255-260 grams depending on model and configuration.

Husky Scouts are Smart, really smart, the LCD keypad models have up to 2000 channels and 249 zones, more than any other professional DMR radio irrespective of size or cost. Many more multiple user groups and individual callers can be programmed into the Scout over multiple zones.

Not only smart but durable, rugged, loud and now resilient to IP67 for water/liquid ingress for the Scout "S" and IP67 for the Scout "SK" (currently IP66 for the FK).

There are other more practical considerations to IP ratings than just how high the rating, with the rare exception of perhaps a swimming pool, what radio user is going to dive into 2 metres, 3 metres or 4 metres of wild water/liquid* after 1, 2 or 3 hours to recover a radio? Further would H&S allow it? *Finally and this is simple common sense, the higher the depth and time rating of the IP rating the more expensive the radio is likely to be to repair, not forgetting that most two way radio repairs are for mechanical damage.*

The Scout 2 is designed to be very user friendly with everything you need and nothing you don't! Reliable yet flexible with an excellent hybrid digital/analogue mode and a digital direct mode facilitating up to two digital channels on one channel in simple back to back operation (tier 1).

Scouts can be programmed for entry level, tier 1 or 2 operation, with, say, simple PTT operation or within the same radio advanced tier 1 or 2 operations such as IP roaming, TX Interrupt, Man down, Lone worker, Easy trunk, and Emergency call. Uniquely all the man down and emergency alarms can be announced in an audible voice depicting the actual nature of the emergency alarm condition* (advanced programming*).

Despite all these advanced functions and the Scouts compact size the PTT mechanism is full size, able to be operated with gloves on and whilst it is a perfectly balanced and incredibly positive to push to talk it remains entirely HUSKY rugged, we think it is the most tactile and positively easy to use PTT ever. Of course the HUSKY SCOUT can work around the PTT mechanism using advanced voice activated transmit (VOX) and if Bluetooth is required then the HUSKY CHINOOK can offer a fully integrated Bluetooth function.



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Specifications can change due to improvements without notice. Different regions may have alternative front labelling.