

WOLFSin

HUSKY SCOUT

DELTA Series

Born tough to think fast & work hard



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 Wolfsin HUSKY SCOUT, our latest DMR digital radio is also our most intelligent and compact hand portable yet! Now with improved IP66 water resistance and MIL Spec 810 "G" toughness.

From entry to advanced models and from man down to IP Multi site Roaming and Bluetooth™ the Wolfsin HUSKY SCOUT can do it all.



FCC UK CA CE



HUSKY SCOUT - S



HUSKY SCOUT - SK



HUSKY SCOUT - FK

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Wolfsin HUSKY SCOUT Leading from the front.

Whether a wolf pack, a husky sledge team, military patrol or lead hand in a construction crew, the scout in front has to be tougher, ruggeder, more alert and the Wolfsin Husky Scout is all that and more. Designed for the harshest environments that the Far North or Deep South can throw at them, the HUSKY SCOUT is IP66 waterproof with full MIL Spec 810 C, D, E, F & G compliance for dust, humidity, shock, vibration and environmental sealing.

All HUSKY'S are strong and resilient and the non LCD HUSKY SCOUT **exceptionally** so. The Scout is the **only** modern compact digital radio that retains an on/off volume switch **protection** collar to protect that all important on/off/volume switch from damage, typically caused by high **drops** or severe knocks. Multiple MIC gain options for both analogue & digital audio and accessory socket audio output ensures the Scout can be heard and can hear anywhere, any time.

The Wolfsin HUSKY SCOUT may have been born to operate in the harshest environments of nature but it excels in any industrial or commercial big city environment with an upgraded M-CPU which increases processing power and speed and accuracy of digital decode/encode allowing features such as IP Roaming and TX interrupt to operate perfectly.

Despite being the most compact DMR professional grade radio available today, at H97mm X W55mm X D33mm (excluding protrusions - on/off/channel knobs etc) and weighing in at 255 to 260 grams, The Scout is perfect for operating from your top pocket especially with the optional **Bluetooth™** feature and **Bluetooth™ audio accessories (Jan 2025)**. Our standard wired audio accessories use the H2/M1 2 pin configuration with a secure screw in locking capability to ensure the accessory is not pulled out of the socket when the going gets tough or breaks connection in day to day use causing crackling or interruption of voice communications, also properly installed and approved accessories preserve the IP66 rating.

The HUSKY SCOUT comes as standard with our new upgraded 2000 mAh Lithium Polymer battery which will keep the Scout working hard for up to 14 hours on analogue and 18 hours on digital mode (5/5/90 duty cycle).

*Note - Standard 2 pin configured audio accessories will work in the HUSKY SCOUT but may reduce the IP rating to IP65.



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Wolfsin HUSKY SCOUT Digital radios are really smart and very tough

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

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 resilient to IP66 for water/liquid* ingress. **Why IP66?** good question! For the Scout we balanced serviceability against actual useful operational needs and concluded that IP66 was and is the ideal IP rating at the Scout's competitive price point.

IP66 is also an incredibly practical rating as over 90% of radios, that are rated only IP54/55, are returned for service or repair for mechanical damage **not liquid ingress damage!** There are other more **practical consideration**, 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 common sense, the higher the IP rating the more expensive the radio is to repair, not forgetting that 90% of two way radio repairs are for mechanical damage.

Designed to be user friendly, 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 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 (From OCT 2024).

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) along with the fully programmable optional **Bluetooth™** feature and Wolfsin **Bluetooth™ audio accessories (JAN 25)**.

*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

| GENERAL | |
|------------------------------------|--|
| Power Supply | 7.5V DC ±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 ^o c ~ + 60/70 ^o 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 ^o c to 60 ^o c, 25 ^o c Ref) |
| Power Output | 1W(L),4W(UHF)/5W(VHF)(H) |
| Modulation Limiting | ±2.5kHz@12.5kHz/±5kHz@25kHz |
| FM Hum & Noise | -40dB |
| Conducted/Radiated Emission | -36dBm < 1GHz, -30dBm > 1GHz |
| Adjacent Channel Power | -60dB |
| FM Modulation Mode | 12.5kHz@11K0F3E/25kHz:16K0F3E |
| 4FSK Digital Mode | 12.5Khz(data only)7K60FXD 12.5Khz(data + voice)7K60FXE |
| 4FSK Modulation Accuracy | 5% @25 ^o 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 MOTO 2-pin |
| Receiver Specifications | |
| Analogue Sensitivity | .35µV/-116dBm(20 dB SINAD) .22µV/-120dBm(12 dB SINAD) |
| Digital Sensitivity | .22µV /-120dBm (BER 5%) .25µV /-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 ETSI 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 | |

Standard accessories supplied with HUSKY SCOUT Radio body



Fast charger pod



12V UK PSU PLUG



2000mAh Li-Poly battery



Screw in belt clip



Choice of UHF or VHF aerials

Optional accessories available for the HUSKY SCOUT DMR Radio



Six way fast charger



D-ring E/P with PTT



FBI - Acoustic with PTT



IP55 WITH 3.5mm



IP57 WITH 3.5mm

The Wolfsin HUSKY SCOUT specification at a glance.

● Wide band frequency ● VHF: 136 -174 MHZ ● UHF: 400-470-480; 450-520 MHZ ● IP66/56* & MIL SPEC 810: C, D, E, F, G ● COMPACT (H/W/D in mm) 97.0 X 55.0 X 33.00 ● WEIGHT: 255-260 GRAMS ● SCOUT ~ 32 CHANNELS ● SCOUT-SK ~ 2000 CHANNELS ● SCOUT-FK~ 2000 CHANNELS ● 2-249 ZONES ● 1000 mW of audio output (average) ● 2000 mAh Li-Poly Battery ● 14-18 hour plus duty cycle ● Direct & Repeater mode ● channel voice annunciation ● Mixed Channel (A & D) ● 3 line LCD display ● 16 digit personal name tag ● Digital advanced scan ● Analogue advanced scan ● Analogue TOT, BCLO ● 5/2 tone, MDC App's ● Mic gain (A & D) ● Quick text (SK/FK up to 50) ● Basic digital encryption ● Advanced digital encryption ● Lone worker and emergency call and much more.

● **Shunting safety tones** ● **Bluetooth (01/25)** ● **Man down** ● **Transmit interrupt** ● **IP roaming passive** ● **IP roaming active** ● **Easy trunk** ● **Voice record ((01/25)- 2 hours)** ● **One touch calling (6)** ● **Advanced voice annunciation of emergency alarms**

The Wolfsin HUSKY SCOUT series has an intelligent interface with a capacity to facilitate bespoke software app's to enable the SCOUT to carry out more bespoke analogue an digital functions, Features in blue are either dealer programmable or cost options. Note- WOLFSIN HUSKY SCOUT IS ALSO CODIFIED AS THE WOLFSIN WHD240/240i; WHD260/260i; WHD280/280i, DR5100.



DELTA Series



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Specifications can change due to improvements without notice.