WOLFSIN

Born tough to work hard

HUSKY ALASKAN HDM5 DIGITAL HAND PORTABLE

The Core Series

IP68

STANDARD MIL-STD 810G

Specification

- IP68 & MIL SPEC 810 G
- 13/20 AQUAR RATING
- Wide band frequency.
- VHF: 136-174 MHZ
- UHF: 400-470/480 MHZ
- COMPACT (H x W x D in mm) 116.50 X 59.50 x 39.50
- WEIGHT: 310 GRAMS ALL IN.
- 1.77 INCH OLED DISPLAY
- 1024 CHANNELS
- 32 ZONES
- 1000 mW of audio
- Speaker optimiser
- 2200 mAh Li-ion Battery
- 2600/3000 Battery options
- Heavy duty belt clip
- Heavy duty alloy chassis (MIL G)
- Heavy duty imbedded seals (IP68)
- 15 to 27 hour DMR duty cycle
- Direct & Repeater mode
- Multi voice annunciation function (For Channel & Battery low)
- Mic noise reduction
- Basic digital encryption
- Advanced digital encryption
- User defined encryption
- Digital emergency call
- Mixed Channel (A & D)
- Short message service
- Digital scan
- Key lock
- Analogue scan
- Analogue TOT, BCLO, VOX
- Analogue Compander
- Analogue repeater tail reverse
- 100% PTT Tactility
- CPS Read and write locks



Other optional functions will be announced in 2027, Note specifications can change due to improvements without notice.

"ONE LOOK AT THE WOLFSIN HUSKY ALASKAN AND YOU KNOW IT'S GOING TO BE TOUGH"

The Wolfsin Husky Alaskan is designed to be tough, from its grade 4 poly-carbonate and its seriously thick heavy duty chassis and internal seals the Alaskan Husky can operate in any industry or location. A higher IP rating than any previous HUSKY model ensures all outdoor work can be done in all weathers - all the time. The new Husky Alaskan adopts the new Wolfsin *"everything you need, nothing you don't"* motto, so no complications just solid digital two way radio performance and reliability at a competitive price point.

www.wolfsin.net

HUSKY ALASKAN HDM5 IP68 professional compact DMR Transceiver

GENERAL

1	POWER SUPPLY	RECHARGEABLE 2200 mAh @ 7.4V
2	FREQUENCY BANDS	136-174 MHz /400-470/480 MHz
3	MODULATION TYPE	F3E
4	FREQUENCY CONTROL	P. SYNTHESIZER
5	CHANNEL SPACING	25KHZ/12.5KH PROGRAMMABLE
6	NUMBER OF CHANNELS	32-ZONES,1024-CHANNELS
7	TEMPERATURE RANGE	OPERATION <-30°C~+65°C
8	FREQUENCY STABILITY	±1.0 PPM
9	HUMIDITY	OPERATIVE 90%+
10	BATTERY	13-15 HOURS DIGITAL
11	DIMENSIONS	116.5.00 X 60.0 X 39.00, 315 grams
12	SHOCK VIBRATION	MEET MIL-STD-810 C/D/E/F/G
13	HUMIDITY. RAIN. SALT FOG. DUST	MEET MIL Spec 810 C,D,E,F,G - IP68. 1.2M for 40 mins

TRANSMITTER

1	TRANSMITTER OUTPUT POWER	5W /1 (VHF) 4W /1(UHF)
2	MAXIMUM DEVIATION	5.0KH @25KHZ : 2.5KH @12.5KHZ
3	ADJACENT CHANNEL POWER	Better than -50 dB
4	SPURIOUS EMISSION	Less than -36dBm
5	AUDIO DISTORTION	Equal or less than 3%
6.	HUM & NOISE	Better than >45dB @25KH + 40dB @12.5KHZ
7.	Digital protocol	ETSI TS 102 361-1 -2 -3
8.	4FSK Digital mode	12.5 KHZ (data only): 7K60FXD, Data and Voice 7K60FXE
9.	4FSK Modulation accuracy	5% at 25oC, 10% at extreme temperature.
10.	FM modulation model	12.5 KHz: 11K0F3E, 25 KHz: 16K0F3E

RECEIVER

1	SENSITIVITY (Digital and Analogue)	0.22uV/0.21uV @12dB SINAD
2	ADJACENT CHANNEL SELECTIVITY	Better than 60dB at 12.5 Khz
3	SPURIOUS RESPONSE REJECTION	Better than 70dB (75 dB TIA603C)
4	INTERMODULATION RESPONSE REJECTION	Better than 65dB
5	AUDI DISTORTION	Equal or Less than 3%
6	AUDI OUTPUT POWER	1000mW at 16 ohm load
7	HUM & NOISE	Better than >45dB @ 12.5KHZ

Wolfsin radios are tested and retested in the remote Scottish highlands in the most extreme conditions in the UK. 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 is based in the outskirts of Inverness, The Isle of Lewis, Scotland and New Zealand where we regularly leave Wolfsin radios in biting cold -10oC to -20oC conditions for days and nights on end , often lying in inches of frozen snow. We test them in driven rain in 100 mph winds (IOL 2024/25). We use them in open waters where they are soaked with sea water*, we heat them to plus 60-70-80oC and then we drop test them again. We test them in all weathers whilst on hiking expeditions, we climb mountains with them (and deliberately drop them) in all weathers and conditions. We deliberately drop them multiple times onto hard surfaces , throw them, strike them, sit on them, drive over them with a 2.5 ton 4 X 4 truck, then we do it all again and again until were satisfied that the Wolfsin radio is tough for any job.

The Wolfsin HUSKY ALASKAN (HARD4 Series) DMR hand portable comes supplied with a 2200 mAh Lithium Ion battery, heavy duty screw in belt clip, single fast charger pod, UK 3 pin PSU, banded UHF SHORTENED OR SIMILAR, ¼ whip aerial or VHF Helical aerial, user manual. A full range of audio, battery and charging accessories are available.

***Salt and/or 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.**



Near actual size.

www.wolfsin.net

The Core Series