

# Preface

We appreciate your purchase of the Wolfsin DMR digital portable radio (compatible with analog radio). We believe that the quality and function of this radio will meet your requirements and bring you stable, reliable, clear and highly-efficient communication.

As a product compliant with the DMR standard, our digital portable radio supports TDMA (direct mode/repeater mode) and is compatible with high-end analog radio (CTCSS/CDCSS). Its ergonomic design makes it easy to operate, and its digital functions (digital noise reduction, private call, group call, all call, etc.) enables you to be responsive to critical situations.

Our digital portable radio has 2 programmable buttons/keys which can be programmed based on your actual needs (such as VOX/ Power Switch/ One Touch Call/ Zone), which enables various functions to be easy to operate and ensures you smooth and highly-efficient communication.

Notes:



: It means digital functions which can only be used on digital channels;



: It means analog functions which can only be used on analog channels.

(The functions without any icon can be used on both digital and analog channels.)









# Statement

Wolfsin endeavors to achieve the accuracy and completeness of this manual. As for any inaccuracies and omissions that may possibly occur, the right to interpret and clarification is reserved to Wolfsin

The design and specifications of this product are subject to modification by Wolfsin without prior notice.

It is strictly prohibited to copy, transmit, excerpt and store this manual in any retrieval system, or translate it to any language without written permission from Wolfsin. This manual is applicable to the Wolfsin Husky Alpha and Delta models albeit the external shell/case are of similar but different designs

# Contents

Product Inspection .....	3
Radio Overview .....	3
Radio Controls .....	4
Programmable Key .....	4
Preparing Your Radio for Use .....	4
Charging the Battery .....	4
Attaching the Accessories .....	5
Status Indicators .....	7
LED Indicator .....	7
Basic Operations .....	8
Turning On/Off the Radio .....	8
Adjusting the Volume .....	8
Selecting a Zone .....	8
Selecting a Channel .....	8
Digital/Analog Switch .....	9
Voice Calls .....	9
Private Call  .....	9
Group Call  .....	9
All Call  .....	9
Receiving and Responding to a Private Call  .....	9
Receiving and Responding to a Group Call  .....	9
Making a Call on Analog Channels  .....	10
Functions and Operations .....	10
Scan .....	10
Squelch Off  .....	10
Emergency Alarm  .....	10
Troubleshooting .....	12
Care and Maintenance .....	13
Service and Support .....	14
Optional Accessories .....	16

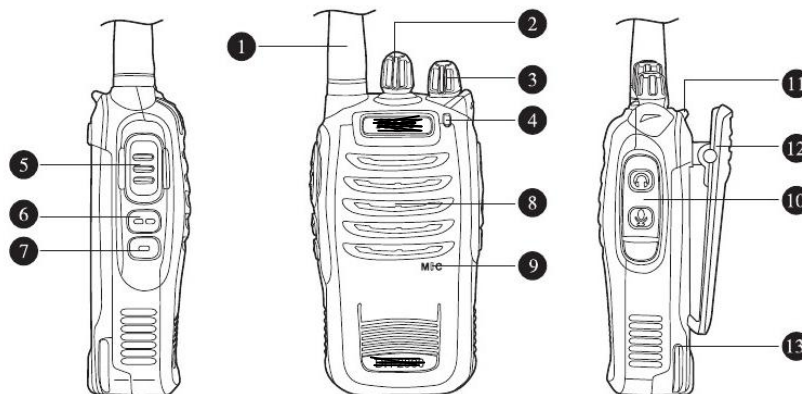
# Product Inspection

Before use, we recommend that you check the box contents and identify the items listed below. If any item is missing or damaged during shipment, please contact your dealer with 24 hours.

Item	Qty
Main Unit	1
Antenna	1
Belt Clip	1
Battery	1
Charger	1
Adapter	1
Hand Strap	1
User Manual	1

Note: Frequency range is marked on the color circle at the bottom of the antenna. If not, please refer to that on the radio's label.

## Radio Overview







## Radio Controls

### Radio Controls

No.	Part Name	No.	Part Name	No.	Part Name
1	Antenna	5	PTT Button	10	Accessory Jack
2	Channel Selector Knob	6	Mid Key	11	Strap Hole
3	Radio On-Off/ Volume Control Knob	7	Left Key	12	Belt Clip
		8	Speaker	13	Battery Latch
4	LED Indicator	9	Microphone		

## Programmable Key

For further convenience, you may request your Wolfsin dealer to program the programmable keys as shortcuts to the radio functions listed below (other functions are dealer programmable):

No.	Shortcut Keys	Description
1	Adjust Power Level	To adjust RF power level
2	Emergency On 	To initiate an emergency call
3	Emergency Off 	To stop transmitting the emergency call
4	VOX	To enable or disable the VOX function
5	Zone Switch	To select a zone quickly
6	One Touch Call 	To transmit a call, text message or other service to a preset contact quickly
7	Squelch Off 	To always keep the speaker unmuted
8	Battery Power Indication	To indicate the current battery power

Note:

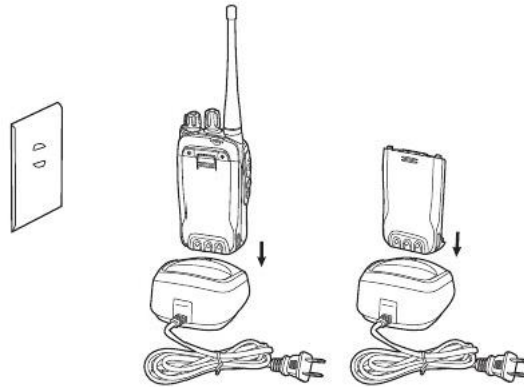
Long and short press of the key can be assigned with different functions by your dealer.

## Preparing Your Radio for Use

### Charging the Battery

Please charge the battery with the designated WOLFSIN charger, and the LED indicator on the charger indicates the charging status.

The steps of charging are illustrated as follows:



## Charging Steps

1. **Turn off the radio.** Plug the adapter's connector into an outlet as figure ① shows;
2. Plug the other end of the adapter into the jack on the rear of the charger as figure ② shows;
3. Insert the battery or radio equipped with battery into the charger correctly as figure ③ shows;
4. The LED indicator glows red during charging and turns green when the battery is fully charged.

Note: Please charge the battery for 5 hours for the initial charging to reach its optimum capacity.

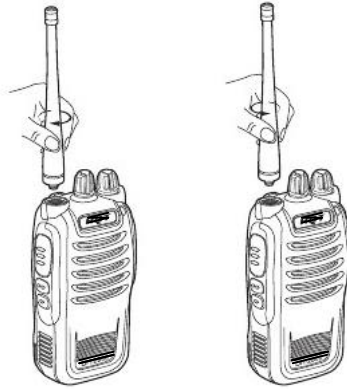
## LED Indicator of Charging

LED Indicator	Charging Status
LED indicator glows red	During charging
LED indicator glows green	Fully charged
LED indicator flashes red	Fault

## Attaching the Accessories

### Attaching the Antenna

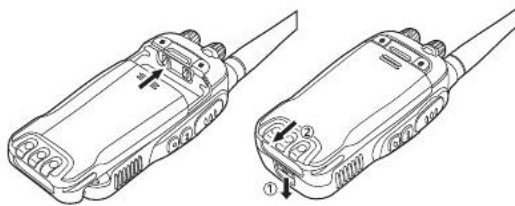
With the radio turned off, set the antenna in its receptacle and turn clockwise to fasten it. Do not over tighten the aerial



To remove the antenna, turn it counterclockwise.

### Attaching the Battery

1. Insert the battery carefully into the radio as figure ① shows;
2. Press the battery at its bottom slightly until the battery latch clicks & locks as figure ② shows.

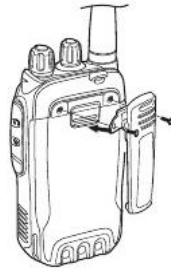


To remove the battery, please make sure the radio is turned off first, and then push the battery latch upwards and slide the battery away from the radio.

Note: Your dealer can program a shortcut key for audible Battery Power Indication for the radio, so you can check current battery power via the shortcut key.

### Attaching the Belt Clip

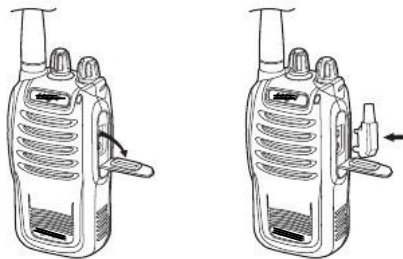
Align the screw holes on the belt clip with those on the radio, and fasten the belt clip with the screws.



To remove the belt clip, screw off the screws.

## Attaching the Audio Accessories/Programming Cable

1. Carefully open the accessory jack cover;
2. Carefully plug the Wolfsin approved accessory into the accessory jack, a definite click is heard when connected properly.



Note: The accessory jack cover is used for avoiding dust/moisture ingress so as to ensure a good connection between accessories and radio. It should always be replaced when the accessory jack is not in use.

## Status Indicators

### LED Indicator

The LED indicator on the top of the radio will help you easily identify current radio status.

LED Indicator	Radio Status
LED flashes green	Powering on
LED glows red	Transmitting
LED glows green	Receiving
LED flashes orange	Scanning

# Basic Operations

## Turning On/Off the Radio

To turn on the radio, please rotate the Radio On-Off/Volume Control knob clockwise until a click is heard.

To turn off the radio, please rotate this knob counterclockwise until a click is heard.

## Adjusting the Volume


After turning on the radio, rotate the Radio On-Off/Volume Control knob clockwise to increase the volume, or turn this knob counterclockwise to decrease the volume.

## Selecting a Zone

A zone is a group of channels exhibiting the same property, which is convenient for you to manage and access. The Wolfsin Husky supports up to 6 zones, each with a maximum of 16 channels (Wolfsin dealers can expand the number of zones).

If the dealer has programmed a programmable key as a shortcut to the Zone Switch, you can quickly toggle to your desired zone by pressing the programmable key. The Wolfsin Husky can audibly announce the zone selected when the zone short cut key is used (Zone Talk is dealer programmable)

## Selecting a Channel

Rotate the Channel Selector knob to select your desired channel, and you can set TX Admit  for every digital channel via the CPS, the TX Admit limits the transmissions on the current channel when there are activities on it.

1. Always Allow: The radio can transmit when the PTT button is pressed no matter whether there are activities on the channel or not.
2. Channel Free: The radio can transmit when the channel is free.
3. Color Code Free: The radio can transmit when the channel is free or the color code doesn't match.

Note: TX Admit is used for digital channels only. Consult with your Wolfsin dealer if in doubt.



## Digital/Analog Switch

Each channel of the radio can be programmed as either an analogue channel or digital channel by your Wolfsin dealer. If the current zone includes both analog and digital channels, you can quickly switch between digital and analog channels through the Channel Selector knob.

## Voice Calls

To ensure the optimum volume for the receiver, please keep the microphone 2.5 to 5 cm away from your mouth and in line with your mouth when transmitting.

### Private Call

In standby mode, the radio will transmit a Private Call to the preset Private Call contact on the current channel when the PTT button is pressed.

Your dealer may preset a TX Contact for each digital channel. The preset TX Contact can be a Private Call number, a Group Call number or an All Call number.

### Group Call

In standby mode, the radio will transmit a Group Call to the preset Group Call contact on the current channel when the PTT button is pressed.

### All Call

The way to make an All Call is the same with that of making a Group Call. Only when your dealer enables the All Call function for you can you make an All Call.

### Receiving and Responding to a Private Call

You can listen to the Private Call without any operation when you receive one, and press the PTT button within the preset time to respond to the Private Call.

### Receiving and Responding to a Group Call

You can listen to the Group Call without any operation when you receive one, and press PTT button within the preset time to respond to the Group Call.

Note: You can not respond to an All Call.

## **Making a Call on Analog Channels**

To make a call on analog channels, hold down the PTT button and speak into the microphone. Release the PTT button to receive calls.

# **Functions and Operations (Dealer programmable)**

## **Scan**

### **Scan On/Off**

1. Your Wolfsin dealer can program the side key to turn on/off the Scan function directly.
2. Program the Scan On/Off switch via the CPS.

### **Scan List**

You can request your Wolfsin dealer to create a Scan List for each channel. Each Scan List contains up to 16 channels which can be digital channel or analog channel.

Note: The function “Scan” can be enabled only when there is a preset Scan List on the channel.

## **Squelch Off**

If the feature “Squelch Off” is enabled, your radio’s speaker will keep unmuted no matter whether there is carrier or not. Consult with your Wolfsin dealer on this function.

## **Emergency Alarm** (Dealer programmable)

### **1. Digital Emergency Alarm**

You can ask your team member or the control center for help through this function when an emergency occurs. Emergency Alarm has the highest priority so that it can be enabled no matter whether the radio is transmitting or receiving.

If you want to enable the Emergency Alarm on a channel, you must associate an emergency

system for the channel via the CPS. Emergency Type and Emergency Mode can also be set in the CPS.

### Emergency Type

The radio supports 5 emergency types as below, and you can request your Wolfsin dealer to enable any one alarm type for you.

Emergency Type	Description
Siren Only	The radio emits a siren, and the control center will not receive the emergency signal.
Regular	The radio displays audio and visual indicators during Emergency mode.
Silent	The radio does not display any audio or visual indicators during Emergency mode.
Silent w/ Voice	Except the voice from the received calls, the radio does not display any other audio or visual indicators during Emergency mode.
Emergency Alarm	The radio emits a siren after sending an emergency signal to the control center. And it displays audio and visual indicators during Emergency mode.

### Emergency Mode

The radio supports 3 emergency modes as below, and you can request your dealer to enable any one from them for you.

Emergency Mode	Description
Alarm	The radio only transmits the emergency alarm code when Emergency is initiated.
Alarm w/ Call	The radio transmits both the emergency alarm code and emergency call when Emergency is initiated.
Call Only	The radio immediately transmits an emergency call when Emergency is initiated.

## 2. One Touch Call

You can request your Wolfsin dealer to program a shortcut key to the One Touch Call function, and corresponding services can be initiated by pressing that shortcut key.

Services are listed below:

- Group Call or text message can be initiated to Group Call contact;
- Private Call or text message can be initiated to Private Call contact.

### 3. Lone Worker

With this feature, the radio can be programmed whether to automatically enter Emergency mode or not via the CPS if there is no operation for a predefined time. This function is helpful especially for people who work on their own or in dangerous environments. The radio will automatically send the emergency signal to your designated team member/manager or the control center for help if you can not operate the radio within the predefined time during lone working when/if an emergency occurs.

## Troubleshooting

Problem	Analysis	Solution
The radio can not be powered on.	The battery may be improperly installed.	Remove the battery and attach it again.
	The battery power may run out.	Recharge or replace the battery.
	The battery may have a poor contact caused by dirtied or damaged battery contacts.	Clean the battery contacts. If the problem can not be solved, contact your dealer or WOLFSIN -authorized service center for inspection and repair.
The voice is weak, intermittent or can not be heard during receiving signals.	The battery voltage may be too low.	Recharge or replace the battery.
	The volume may be set to a low level.	Increase the volume.
	The antenna may get loose or may be improperly installed.	Power off the radio and reinstall the antenna.
	The speaker may be blocked or damaged.	Clean the surface of the speaker. If the problem can not be solved, contact your dealer or WOLFSIN -authorized service center for inspection and repair.
You can not communicate with other group members.	The frequency or signaling may be different from that of other radios in the group.	Set the TX/RX frequency and signaling to the same as those of other radios in the group.
	The channel type (digital/analog) may be set inconsistently.	Make sure all group members are on the same digital/analog channel.
	You may be too far away from the group members.	Move towards other group members.
Irrelevant	Your radio may be	Change the frequency or adjust the

communications or noises are heard on the channel.	interfered by radios using the same frequency.	squelch level.
	The radio may not be set with any signaling.	Set signaling for all member radios to avoid interference at the same frequency.
Too much noise	The communication distance from other group members may be too long.	Move towards other group members.
	The location may be bad for communications, such as a place which is blocked by tall buildings or a basement.	Move to an open and flat ground, turn on the radio and try again.
	The radio may be interfered by the environment or electromagnetism.	Keep the radio away from the equipments that may cause interferences.

Note: If these solutions above do not solve your problems or you have some other problems, please contact your Wolfsin dealer or Wolfsin to get more technical support.

## Care and Maintenance

To ensure the radio its best performance and prolong its service life, please ensure good daily care and maintenance to your Wolfsin radio by following the tips listed below:

- Do not puncture or scratch the radio with sharp objects;
- Do not store the radio in places where there are substances that corrode electronics and electric circuits;
- Do not carry or hold the radio by the antenna or earphone wire;
- Always replace the accessory jack cover when the accessory jack is not in use;
- Please regularly wipe off dust or stains on the radio and charging pole/connections pieces with clean and dry lint-free cloth or brush (make sure the device is switched off)
- Please use neutral detergent and non-woven fabrics to clean the radio when its keypad, knobs or case gets dirty. Do not use chemical agent such as decontaminant, 80%+ alcohol, spraying agent or petroleum preparation in case the surface and case of the radio get damaged. And do not use the radio unless it is thoroughly dry after cleaning.

Note: Please turn off the radio and remove the battery before cleaning. If using alcohol to clean the radio as a **Covid 19** cleaning process then do not apply alcohol directly to the radio, apply a small amount of alcohol to a lint free cloth and wipe the radio case carefully and gently, remove all alcohol from the case.

# Service and Support

Wolfsin provides long-term support for its products, including repair within the warranty period, paid repair beyond the warranty period and supply of parts and accessories.

## Service Commitment

1. Wolfsin two-way radio body has a 12-month warranty; accessories (battery, adapter, charger and antenna) 6 months; earphone 3 months.
2. Free repair is available and subject to the fully-filled warranty card and valid original invoice of purchase in the case that the radio or accessories can not work normally due to non-human factor during the warranty period. (Your Wolfsin dealer\* can retain/hold this card for you)
3. Replacement or repair is available and subject to the fully-filled warranty card\* and valid original invoice of purchase in the case that the radio or accessories can not work normally because of a non-human factor within 30 days from the date of purchase.
4. Repaired parts are warranted for the balance of the original applicable warranty period or 90 days from the date of repair. The longer one is valid.

## Warranty

1. The warranty is only valid for products under normal use, defects or damage that result from human factors (abuse) are excluded from the warranty coverage. Such as: disassembling or modifications, damages caused by outside force, water penetration, burns, use of Wolfsin unapproved accessories, using the radio improperly and so on.
2. The warranty period starts from the date of purchase on the invoice.
3. Free repair is unavailable if the Wolfsin mark or serial number label is removed or torn off.
4. Only the fully-filled warranty card\* and valid original invoice of purchase with Wolfsins seal or authorized dealer's seal affixed are valid for receiving the warranty service.

## Cautions

1. Read the user manual before use.
2. Do not use the radio with damaged antenna, only Wolfsin approved antenna should be used.
3. Turn off the radio in potentially explosive or flammable environments.
4. Avoid the contact between the battery and metal, oily or corrosive objects.
5. Do not immerse the radio or battery into liquids or discard them in fire.
6. Use the radio only with standard battery, adapter, charger and earphone.

## Terms of Warranty

1. Wolfsin two-way radio body has a 12-month warranty; accessories (battery, adapter, charger and antenna) 6 months; earphone 3 months.
2. Only the fully-filled warranty card\* and valid original invoice of purchase with the Wolfsin seal or authorized dealer's seal affixed are valid as proofs for identifying the warranty period. (The invoice should give clear indication of radio, accessories, serial number, date of purchase, purchase price and so on. Your Wolfsin dealer will manage this for you\*)
3. If the radio body goes wrong during the warranty period, it should be ensured working normally for 30 days after the repair.
4. Replacement or repair is available and subject to the fully-filled warranty card\* and valid original invoice of purchase in the case that the radio can not work normally as per the instructions detail within 30 days from the date of purchase. (Note that there must not be abrasions on radio body and accessories.)
5. Replacement of the same model is available and subject to the 3 repair receipts in the case that the radio body still works abnormally after 3-time-or-above repairs during the warranty period.
6. Repair of the radio and accessories (battery, adapter, charger and antenna) is available and subject to the valid original invoice of purchase.
7. The costs of materials and repair are covered by Wolfsin/Wolfsin dealer during the warranty period.
8. No warranty service is provided if the Wolfsin label, mark and/or serial number label on the product are/is torn off.
9. Exclusions from warranty coverage:
  - 1) Beyond the valid warranty period;
  - 2) Defects or damages that result from use of the product in other than its normal and customary prescribed manner;
  - 3) Defects or damages resulting from misuse, accident, water penetration or neglect;
  - 4) Defects or damages caused by improper testing, operation, repair, installation, reconfiguration or adjustment;
  - 5) Defects or damages to antenna unless caused by material or processing problems;
  - 6) Product which has the serial number removed or illegible;
  - 7) Product with unclear date of purchase;
  - 8) Defects or damages because of unauthorized repair or disassembling;
  - 9) Rechargeable battery if:
    - (1) there is any mechanical damage or any sign of unsealing to it;
    - (2) the defect or damage is caused by charging the battery with improper equipment or using it beyond specified maintenance condition;
  - 10) Abrasions under normal use.

Note: This warranty will be adjusted or modified properly according to the market area, and it is subject to change without notice. If adjusted or modified, the warranty is subject to the latest version issued by Wolfsin.

## Optional Accessories

The main optional accessories of the radio are listed below, for more information; please contact Wolfsin or your Wolfsin dealer.



Antenna (WA001)



Antenna (WA002)



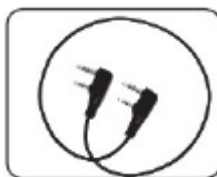
Earphone: WM003



Earhook Earphone: WM004



Earphone (Air Tube): WM005



Cloning Cable



Programming Cable



Handheld Microphone: 006

Note: Please use Wolfsin approved accessories, or users must bear all the consequences caused by using unauthorized accessories. Many more audio, charging and aerial accessories are available from Wolfsin and your Wolfsin dealer. ALWAYS contact Wolfsin or your Wolfsin dealer if you are in any doubt about any aspect of the Husky digital radio operation or use.

**If the Wolfsin Husky radio gets dropped into water, DO NOT TRANSMIT WITH THE RADIO!! FIRST - Quickly remove the battery on recovery, do not press any buttons/turn knobs at all.** Quickly dry the whole radio & battery surface with a towel. Then open the audio accessory cover and turn the radio on to this side to let water/moisture drain out, take off the aerial. Place the radio on a thin towel and move to a wall radiator on a medium heat (keep the radio facing down on to the audio accessory side), heat/warm the radio for at least 12 hours in that position. Contact your Wolfsin dealer to arrange for the radio to be returned to them ASAP for inspection and cleaning. If you follow this procedure **you may “save” the radio** from damaging/terminal water damage. **This also applies to IP67 water proof radios which have been dropped into deep water, salt water, chemically treated water or any other chemical © Wolfsin.**

**WOLFSIN** *HUSKY* Alpha and Delta models. DMR professional hand portables.  
User manual 920.





**Please read and refer to the whole manual.**

Contact Wolfsin or your Wolfsin dealer for any assistance or advice on all things two way radio

[www.wolfsin.co.uk](http://www.wolfsin.co.uk) – [www.wolfsin.co.nz](http://www.wolfsin.co.nz)

**For more International Wolfsin dealers and distributors please visit [www.wolfsin.co.uk](http://www.wolfsin.co.uk)**

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