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# ZODIAC | D400

PROFESSIONAL RADIO

MANUAL  
ENGLISH



[www.zodiac.se](http://www.zodiac.se)  
[www.zodiac.no](http://www.zodiac.no)

85.00 mm



## ■ INTRODUCTION

Thank you for choosing a Zodiac radio product.  
Zodiac D400 is a digital and analog professional radio.  
Please read the manual carefully before you start using  
the radio, so that you have the necessary knowledge  
about the various functions.

## ■ CONTENTS OF THE BOX

- Radio unit
- Rechargeable 2000 mAh Li-Poly battery
- Desktop rapid charger
- Power supply
- Antenna
- Hand strap and belt clip

## ■ ACCESSORIES

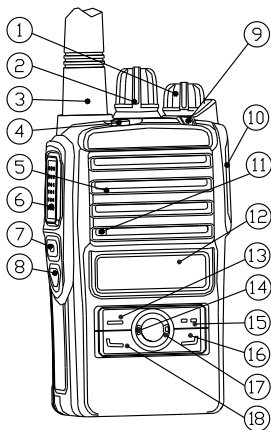
Accessories can be found on [www.zodiac.no/](http://www.zodiac.no/)  
[www.zodiac.se](http://www.zodiac.se)

## ■ KEY FEATURES

- 2000 mAh Li-Poly battery
- Volume adjustment
- Encryption
- Scanning - searches for activity across different communications channels
- Signal strength indication
- Battery level indicator
- Power output setting H:L
- Alarm
- Text message
- IP67 certified and MIL STD 810F. Water and dust protected.

## ■ CONTROLS AND INDICATORS

ENGLISH



1. On/Off/volume control knob
2. Channel selector knob
3. Antenna
4. Emergency button (programmable)
5. Speaker
6. Push-to-Talk (PTT) button
7. Side button 1 (programmable)
8. Side button 2 (programmable)
9. LED indicator
10. Universal connector for accessories
11. Microphone
12. Display
13. Ok/Menu button
14. 2-way navigation button left
15. Return/home button
16. Front button P2 (programmable)
17. 2-way navigation button right
18. Front button P1 (programmable)

## ■ TO GET STARTED

### **Attaching the antenna**

1. Turn the antenna clockwise to attach it. To remove the antenna, rotate it counterclockwise.

### **Powering on**

1. Rotate the On/Off/Volume control knob clockwise until you hear a click. A brief tone sounds, indicating that the power up test is successful.

2. To turn off the radio, rotate the knob counterclockwise until you hear a click.

### **Attaching the battery**

1. While laying flat, slide the battery into the radio. Horizontally push to the top along the aluminum slot, sliding it up until the battery latch clicks.

2. When removing the battery, press down the release button and slide battery down.

### **Charging the battery**

1. Plug the adapter's AC connector into the AC outlet socket.

2. Plug the adapter's DC connector into the DC socket on the back of the charger.

3. Place the radio with the battery attached, or the battery alone in the charger.

4. Make sure the battery contact is touching the charging terminals. The charging process begins when the red LED light illuminates.

5. The green LED light will illuminate approximately two and a half hours later, indicating the battery is fully charged.

LED indication	Charging status
LED flashes red slowly	Standby (no charging)
LED glows red	Charging
LED glows green	Fully charged
LED flashes red rapidly	Error

### **Attaching/removing belt clip**

1. Rotate the screws counterclockwise to remove them.
2. Align the screw holes on the belt clip with those on the radio's body. Then insert and tighten the screws clockwise.
3. To remove the belt clip, loosen the screws.

### **Attaching audio accessory**

Open the accessory jack cover. Align the plug with the accessory jack, then connect it.

### **Accessing the programmed functions**

You can access various radio functions on one of the following ways; a short or long press of the relevant programmable buttons or you can do the following.

1. To access the main menu, press the (–) button. To toggle through the menu options, press (<) or (>).
2. To select a function or access a sub-menu press the (–) button.
3. To go back one menu level or return to the previous screen, press the (– –) button. Your radio will exit the menu after a period of inactivity and return to main menu.

## ■ BASIC OPERATION

### **Turning On/Off radio**

Rotate the On/Off/Volume control knob clockwise until you hear a click.

To turn off the radio, rotate the knob counterclockwise until you hear a click.

### **Adjusting the volume**

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

### **Selecting a channel**

Locate the channel number on the channel knob by rotating it to select the desired channel. While rotating the knob, there is an automatic channel number voice prompt.

## Transmitting

Group call: Talk group can be set by the dealer in advance and the operations methods are the same under DMO and RMO mode.

### 1. Transmitting a group call

- Select the desired talk group through channel knob.
- Press down (PTT) key to transmit a group call.









### 2. Receiving and replying a group call








You can receive the group call without any key operation. If reply is needed, press down (PTT) key after the speech of the other side and then speak to microphone.

## Radio LED indicator

LED indication	Radio status
LED solid red	Transmitting the call
LED solid green	Receiving call or carrier is busy channel
LED flashes orange	Radio is scanning or in analog selcall status
LED flashes red	Low battery or in emergency TX/RX cycle
LED gold orange	Radio powering up.If failed, stay orange all the time

## LCD icons

Icon	Description
	Battery indicator. Icon blinks when the battery is low.
	The number of bars displayed represents the radio signal strength and is only displayed while the radio is in receiving mode.
	New message /unread message
	Inbox full
	The text message is sent successfully
	Sending of text message failed
	Indicates a private call in progress
	Indicates a group call or all call in progress
<b>L or H</b>	Radio is set at Low Power (L) or High Power (H)

	Scan feature is enabled
	Priority scan detects activity on channel/group; designated as Priority 1(if - is blinking) or as Priority 2 (if - is steady)
	Selected channel is being monitored
	Tones are turned off
	Radio is in emergency mode
	The privacy feature is enabled
	The radio is currently configured for direct radio to radio communication

**Care and cleaning**

To guarantee optimal performance as well as a long service life of your radio, please follow the tips below.

- Keep the radio away from substances that can corrode the electronic circuit.
- Do not hold the radio by its antenna or headset cable directly to prevent damage to its normal use.
- Attach the accessory jack cover when the radio is not in use.
- Clean up the dust and fine particles on the radio surface and desk charger with a clean and dry lintfree cloth or a brush regularly.
- Use neutral cleanser and a non-woven fabric to clean the buttons, control knobs and front case.
- If the radio is dropped into water, remove the battery and rinse in fresh water. Let the radio air dry.

**■ CHANNEL PLAN****Analog channels**

FREQUENCY	PL
444.600	67
444.650	67
444.800	67
444.825	67
444.850	67
444.975	67
444.875	67
444.925	67

**Digital channels**

DMR	CC	TS	TG
444.59375	1	1	1
444.60625	1	1	1
444.64375	1	1	1
444.65625	1	1	1
444.66875	1	1	1
444.68125	1	1	1
444.79375	1	1	1
444.80625	1	1	1
444.81875	1	1	1
444.83125	1	1	1
444.84375	1	1	1
444.85625	1	1	1
444.86875	1	1	1
444.88125	1	1	1
444.91875	1	1	1
444.93125	1	1	1
444.96875	1	1	1
444.98125	1	1	1

Notice! The channels may have been changed by your dealer. Please contact your dealer for more information.

## ■ WASTE OF ELECTRONIC EQUIPMENT

Electric and electronic equipment can contain substances that are harmful for humans, animals and nature, if not handled properly. Equipment marked with the WEEE symbol, shall not be thrown together with normal waste, but should be delivered to the communitys recovery- or environment stations. Used batteries shall be delivered to recovery- or environment stations for recycling.



(WEEE = waste of electric and electronic equipment).

## ■ WARRANTY

The warranty from Zodiac covers failures and errors in materials, design and execution in a period of 36 months from the date the equipment was bought. For products with a limited lifetime, as for instance battery, antenna and other accessories, 12 months warranty applies.

A receipt or other proof of purchase is necessary for proper warranty handling. For professional use, other rules apply. If a failure occurs during normal operation of the product, it shall be returned to the dealer where it was originally bought, or an authorized service centre.

All freight costs will be paid by the owner. The equipment must be carefully packed in its original box or similar.

Failures that are related to wrong use, wear and tear, overvoltage, moist damage or other damage and repair by unauthorized persons, will not be covered by warranty. The product will then be repaired by payment after the owners order.





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