

DS70



Digital Spread Spectrum

provides the longest range,

the clearest sound

and the best privacy.

OWNER'S MANUAL

CONTENTS

OF YOUR OWNERS MANUAL

CONTENTS		
Precautions	2	
Installation Considerations	2	
Important Safety Instructions	3	
Important Electrical Considerations	4	
Introduction		
Welcome	5	
Features	5	
Included In Your Package	6	
Installation and Adjustment		
Desk Installation	7	
Wall Installation	7	
Installing the Handset Battery Pack	9	
Charging the Battery Pack	9	
Cleaning the Battery Contacts	10	
Handset Ringer Volume and Tone	10	
Installing the Beltclip	11	
Headset Installation	12	
Automatic Digital Code Security	12	
Using Your New Phone		
Making and Receiving Calls	13	
Call Waiting	14	
Page	14	
Travelling Out-Of-Range	14	
PABX Connection	14	
Storing a Phone Number in Memory	15	
Dialling a Number In Memory	15	
Changing a Stored Number from Memory	15	
Pause Function	15	
3 Way Chat Function (Conferencing)	16	
Chain Dialling	16	
Troubleshooting		
Quick Reference Chart	17	
Specifications		18
Warranty		19
Controls And Functions		20

Introduction

Installing and
Adjusting

Using Your
New Phone

Troubleshooting

Specifications

PRECAUTION

Before you read anything else, please observe the following:

Warning!

UNIDEN DOES NOT represent this unit to be waterproof. To reduce risk of fire, electrical shock or damage to the unit, DO NOT expose this unit to rain or moisture.

Rechargeable Nickel-Metal Hydride Battery Warning

- The rechargeable Ni-MH battery contained in this equipment may explode if disposed of in fire.
- Do not charge the rechargeable Ni-MH battery in any other charger than the one specified in this Owner's Manual.



This symbol indicates important operating and servicing instructions.

INSTALLATION CONSIDERATIONS

▼ *Selecting a Location*

Before choosing a location for your new phone, here are some important guidelines you should consider:



- The location should be close to both a phone jack and a power outlet.
- Keep the base and handset away from sources of electrical noise such as motors and fluorescent lighting.
- Be sure there is sufficient space to rotate the base antenna fully vertical.
- The base can be placed on a desk, tabletop or mounted on a standard wall plate.
- You should charge the battery in your handset for 15-20 hours before connecting the phone line.
- Most phone equipment available now uses modular jacks. Phone cords are fitted with a plastic connector which plugs into this type of jack. If you do not have a modular phone jack, contact your local telephone company for information about their installation.

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, these basic safety precautions should always be followed to reduced the risk of fire, electrical shock, and injury:

1. Do not use this product near water; for example, near a bathtub, shower, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.
3. Never spill liquid of any kind on the product.
4. To reduce the risk of electric shock, do not disassemble this product.
5. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. If the power supply cord is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally when following the operating instructions (Adjust only those controls that are covered by the operating instructions).
Improper adjustment of other controls may result in damage, and will often require extensive repair work by a qualified technician).
 - E. If the product has been dropped, or the base unit has been damaged.
 - F. If the product exhibits a distinct change in performance.
6. Do not use the telephone to report a gas leak in the vicinity of the leak.

IMPORTANT ELECTRICAL CONSIDERATIONS

Unplug all electrical appliances when you know an electrical storm is approaching. Lightning can pass through your household wiring and damage any device connected to it. This phone is no exception.



Please do not attempt to unplug any appliance during an electrical storm.

Telephone Line Problems

If you are having trouble with your telephone service, you must first disconnect your phone to determine if it is the cause of your problem. If you determine that it is the cause, you must leave it disconnected until the trouble has been corrected.



Under power failure, this telephone will not operate. Please ensure that a separate phone, not dependent on local power is available during emergencies.

Radio Interference

Radio interference may occasionally cause buzzing and humming in your cordless handset, or clicking noises in the base. This interference is caused by external sources such as cellular phone charger, TV, refrigerator, vacuum cleaner, fluorescent lighting or electrical storm. Your unit is NOT DEFECTIVE. If these noises continue and are too distracting, please check around your home to see what appliances may be causing the problem. In addition, we recommend that the base not be plugged into a circuit that also powers a major appliance because of the potential for interference. Be certain that the antenna on the Base Unit is fully extended and raised vertically.

More Than One Phone

Each telephone device that you connect draws power from the phone line. We refer to the power drawn as the device's Ringer Equivalence Number (REN). The REN is shown at the bottom part of your telephone. If you are using more than one phone or other device on the line, add up all the RENs. If the total is more than 3, your phones may not ring.

WELCOME

Congratulations on your purchase of the Uniden DS70 cordless telephone. This phone is designed for reliability, long life and outstanding performance utilising the latest in 900 MHz Digital Spread Spectrum Technology.

FEATURES

- 15 channels (Aust), 7 channels (NZ)
- 900 MHz Digital Spread Spectrum Technology
- 20 Memory Dials (16 digits maximum per memory)
- 32 Digit Redial
- Redial, Flash and Pause Dialling
- Tone Dialling
- Call Waiting Compatible
- Page
- 14-Day Standby Battery Time
- 4-Hour Talk Time
- Handset Earpiece and Ringer Volume Control
- Hearing Aid Compatible
- Auto talk
- Auto Standby
- Any key Answer

Digital Spread Spectrum Technology utilises a digital transmission and a "wider frequency band" compared to. a "single narrow band" 30/39 Standard Analogue transmission. The result is a more secure conversation with the clarity of digital sound, extended range, and minimal interference from other cordless phones.

Random Code™ digital security automatically selects one of over 16 million codes for the handset and base. This feature prevents unauthorised calls as a result of your phone being activated by other equipment.

TO YOUR NEW PHONE

INTRODUCTION

INCLUDED IN YOUR PACKAGE



To get the most from your phone, please read this owner's manual thoroughly. Be sure to complete and mail the product registration form.



Handset



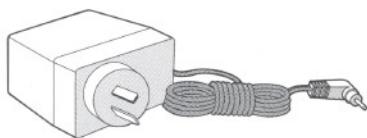
Base



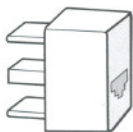
If any of these items are missing or damaged, contact your place of purchase.



Rechargeable Battery



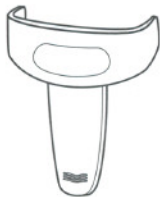
AAD 900S
AC Adaptor



Telephone Cord
Adaptor
(Australia Only)



Long Telephone
Cord/Plug



Belt Clip



Desk Stand

- This Owner's Manual
- Registration Card
- and other printed materials



Before connecting your phone line, fully charge the Nickel- Metal Hydride battery pack for 15-20 hours.



Place the power cord so that it does not create a trip hazard or where it could become chafed and create a fire or electrical hazard.

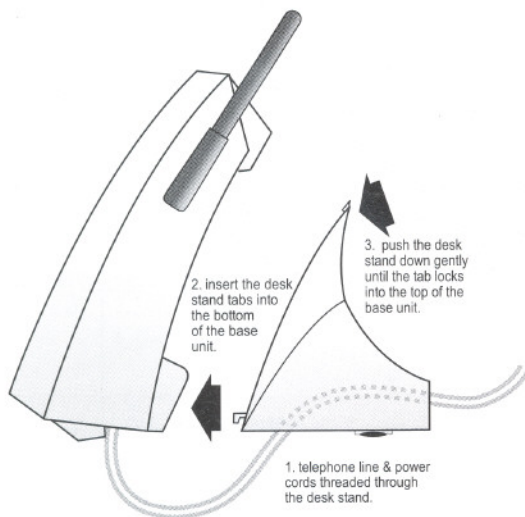


Use only the Uniden AC adaptor supplied with this phone. Make sure it is switched ON at all times.

DESK INSTALLATION

Your DS70 can be fitted with a Desk Stand or mounted on the wall.

- Thread both the telephone line cord and the power cord through the semi-circle hole in the back of the Desk Stand.
- Insert the two tabs, located on the base of the Desk Stand, into the slots on the bottom of the Base Unit.
- Push down gently until the tab locks into the top of the Base Unit.
- Now connect the telephone line cord and AC power cord into the Base Unit as shown on page 8.



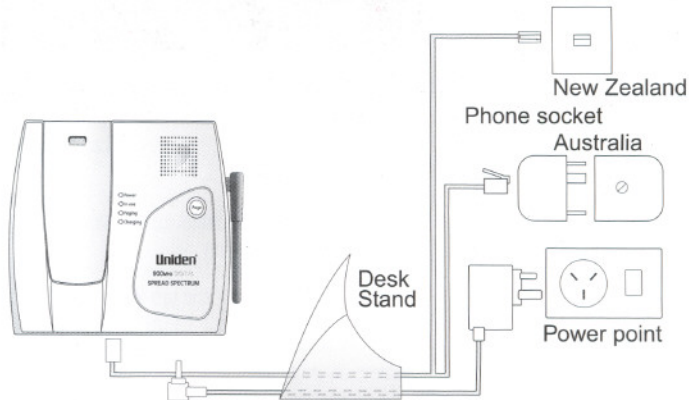
WALL INSTALLATION

Your DS70 can be wall mounted on a standard telephone wall plate.

- Do not install the desk stand.
- Now connect the telephone line cord and AC power cord into the Base Unit as shown on page 8.
- Position the Base so the mounting studs on the standard telephone wall plate fit into the holes on the back of the Base Unit.
- Slide the Base down on the mounting studs until it locks into place.



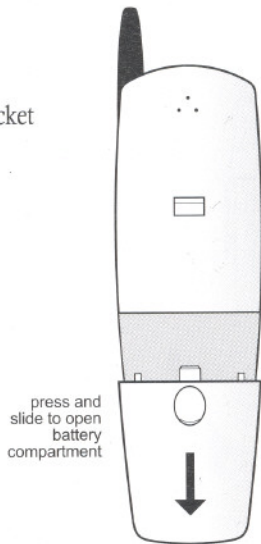
Before you plug the other end of the telephone cord into the modular jack on the wall, charge the battery (See CHARGING THE BATTERY PACK, page 11).



1. Plug the AC adaptor into a standard 240V AC wall outlet and switch ON.
2. Charge the battery (See CHARGING THE BATTERY PACK, page 9).
3. Plug the other end of the phone cord into the telephone jack on the wall.
4. Raise the antenna to a vertical position.

INSTALLING THE HANDSET BATTERY PACK

1. Press and slide the battery cover off.
2. Align the plastic connector of the Nickel Metal Hydride battery with its socket and plug it in.
3. Place the battery pack inside.
4. Slide the battery cover back until it snaps into place.



CHARGING THE BATTERY PACK

▼ Initial battery charging

Before connecting your phone for the first time, fully charge the rechargeable battery pack for 15-20 hours without interruption.

1. Place the handset on the base
2. Make sure that the **Charging** LED lights. If the LED doesn't light, check the AC adaptor is plugged in and switched ON. Also check the handset has good contact with the base charging contacts.



Use only Uniden Battery supplied with your phone.

▼ Low battery indicator

The low battery indicator shows when the battery pack is very low and needs to be charged. If the phone is not in use, the **Low batt** LED flashes every four seconds. If the phone is in use, the **Low batt** LED flashes every four seconds and the handset beeps. Complete your conversation as quickly as possible and return the handset to the base for charging.



▼ Recharging the battery pack

Replace the handset on the base if it's convenient. However recharging the battery is only necessary when the Low batt LED is lit.

15 - 20 hours charging is required for a full charge - however it is safe to leave the handset on the base for longer periods.

CLEANING THE BATTERY CONTACTS

To maintain a good charge, clean all charging contacts on the handset and base about once a month. Use a pencil eraser or other contact cleaner. **DO NOT** use liquids or solvents; you may damage your phone.

HANDSET RINGER VOLUME AND TONE

▼ Adjusting ringer volume

- Ensure the handset is in standby mode.
- Press the **Vol ▲** or **▼** key on the handset to set the handset ringer volume.
- The volume will remain on the same setting when you hang up.

▼ Adjusting ringer tone

There are 4 ringer tones to choose from.

- While in the standby mode, press the **Recall** button.
- Press a key (**1, 2, 3 or 4**) to select a ringer tone.



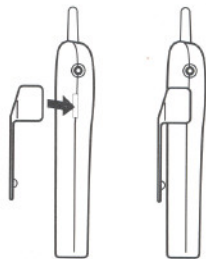
INSTALLING THE BELTCLIP



The handset cannot be wall mounted with the beltclip installed.

▼ To attach the beltclip

- Press the beltclip against the rear of the handset until it clicks into place.



▼ To remove the beltclip

- Gently pull one side of the beltclip to release.

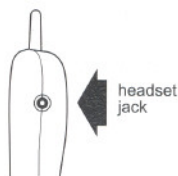


HEADSET INSTALLATION



Use only the Uniden HS910/HS900 headset.

Your phone may be used with an optional headset, the Uniden HS910/HS900. To use this feature, simply plug the headset into the headset jack. Your phone is ready for hands-free conversations.



If you are using an optional headset, you must still use the handset keypad for phone operations.

When using a headset on DS70, an ACA approved headset is required.



Keep the headset wire away from handset and base antennas.

AUTOMATIC DIGITAL CODE SECURITY

To prevent other parties from making unauthorised calls on your phone line, a digital code was added to the DS70. Your phone's handset and base share this code. This code is randomly set each time you place the handset in the base. If the phone experiences a power failure, you must reset the digital security code by placing the handset on the base.





▼ To reset the digital security code

1. Restore power to the base.
2. Place the handset on the base.
Talk/End (on the handset) and **In use** (on the base) LEDs momentarily blink.
The digital security code is reset.



MAKING AND RECEIVING CALLS

▼ Basic phone operation

	When Handset On Base	When Handset Off Base
		
To answer a call	Pick up handset.	Press any key 
To make a call	<ol style="list-style-type: none"> 1. Pick up the handset. 2. Press Talk/End. 3. Listen for the dial tone. 4. Dial the number. 	<ol style="list-style-type: none"> 1. Press Talk/End. 2. Listen for the dial tone. 3. Dial the number.
To hang up	Press Talk/End on the handset, or return the handset to the base (AutoStandby).	
To redial	<ol style="list-style-type: none"> 1. Pick up the handset. 2. Press Talk/End. 3. Listen for the dial tone. 4. Press Redial Pause. 	<ol style="list-style-type: none"> 2. Press Talk/End. 3. Listen for the dial tone. 4. Press Redial Pause. 
	<p>Note: If any key is pressed before pressing Redial Pause, the last number dialled will not redial.</p>	

Refer to the CONTROLS & FUNCTIONS diagram at the back of this Owner's Manual.

USING

YOUR NEW PHONE



AUSTRALIA

The Call Wait + 2 call waiting procedure toggles between the incoming and original call (and visa versa).

The Call Wait + 1 procedure will drop the current call connection and pick up the incoming call on hold.



NEW ZEALAND

You need to subscribe to Telecom's Call Waiting Service before you can use this feature.

CALL WAITING

- ▼ For Australian Version
Using the Call Wait feature

If the Call Waiting tone sounds, press **Call Wait** then **2** to accept the waiting call (Aust. only).

-OR-

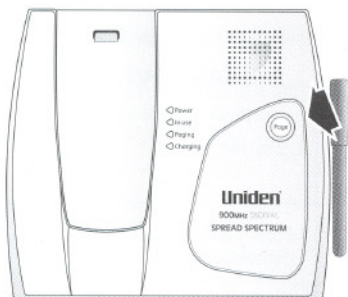
To return to the original caller press **Call Wait** then **1** (Aust. only).

- ▼ For New Zealand Version
Using the Call Wait feature

If the Call Waiting tone sounds during a call, press **Call Wait** to toggle between the incoming call and the original call.

PAGE

To locate the handset press **Page** on the Base Unit. The handset beeps for about 15 seconds.



TRAVELLING OUT OF RANGE

As you begin to move too far from the base, you will first hear a clicking sound. As you travel further, the noise increases. If you travel out of range, your call terminates.

PABX CONNECTION

The DS70 telephone may work with a 2-wire Analogue PABX network. However, with the DS70 hook-flash timing fixed at 100ms (NZ 600ms), some PABX equipment that uses a different hook flash timing may have its special feature (i.e. placing a call on hold or transferring a call) inaccessible.

STORING A PHONE NUMBER IN MEMORY

1. Make sure the handset is in standby mode (**In Use** light is OFF).
2. Press the **Memory** button on the handset.(the **In Use** light will begin flashing)
3. Enter the phone number, up to 16 digits
4. Press **Memory** again
5. Enter the two digit memory location number (01-20) on the keypad (the **In Use** light will stop flashing and you will hear two confirmation beeps.
6. Repeat these steps to store additional phone numbers.



PAUSE FUNCTION

In some cases, such as PABX or long distance service, a pause may be needed in the dialling sequence. Pressing the **Redial/Pause** button on the handset inserts a 2 second delay between dialled numbers. Pause(s) can be inserted into the programmed dialling sequence in memory locations.

DIALLING A NUMBER IN MEMORY

1. Press **Talk/End**
2. Press **Memory**
3. Enter the two digit memory location number (01-20). The number automatically dials.

CHANGING A STORED NUMBER FROM MEMORY

Follow the steps in the section Storing a Phone Number in Memory. The new phone number will automatically replace the previous one.



The pause button counts as one digit. Pressing **Redial/Pause** more than once increases the length of pause between numbers.

3 WAY CHAT FUNCTION (CONFERENCING)

While on a call you can make another call to a third person and hold a 3 way conversation.

▼ To establish a 3 way chat (conference) while on a call:

1. Press the **Recall** button to put the current caller on hold.
2. Wait for dial tone.
3. Dial the third person's phone number.
4. When the third person answers the call, press the **3-Way Chat** button to connect both callers to yourself.

▼ To establish a 3 way chat (conference) while on a call with a second incoming call:

1. Press the **Call Wait** button to put the current caller on hold. This will also connect the second caller.
2. While talking to the second caller, you can establish a 3 Way Chat by pressing the **3 Way Chat** button.

▼ To split up the 3 Way Chat:

1. Press the **Call Wait** button to put the current caller on hold.
2. To switch between callers, press the **Call Wait** button.
3. To hang up on one caller and return to the caller on hold, press **Recall 1**.



Check with your PABX supplier if you are not sure whether your PABX network uses Analogue or Digital interface.

CHAIN DIALLING

On certain occasions after dialling a number, you may be requested by the party or service you are calling to enter a special access code, such as when performing a banking transaction. To store this number, refer to "Storing Memory Dial Numbers" on page 15.

For example, if your bank's telephone number is stored in handset memory location 3, and your account number is stored in handset memory location 4:

1. Press **Talk/End** on the handset.
2. Press **Memory** on the handset and **3** on the handset keypad.
3. At the appropriate time, press **Memory** and number **4** on the handset keypad.
4. Your handset dials the number and you may proceed with your transaction.

QUICK REFERENCE CHART

If your phone is not performing to your expectations, please try these simple steps first before calling Uniden customer service -

PROBLEM	SUGGESTION
No dial tone	<p>Check that the phone line cord connectors at both ends are pushed in until they click.</p> <p>If you have had a power failure or have unplugged the base unit, replace the handset on the base unit for two to five seconds to reset the system.</p>
Does not ring	<p>You may have exceeded the limit of the number of phones that can be connected to the same line, at the one time.</p> <p>The maximum is 3.</p>
No power on the handset	<p>Check the battery pack connection inside the battery compartment of the handset.</p> <p>The handset rechargeable Ni-MH battery pack may need to be charged.</p>
Does not charge	<p>Make sure the charging contacts on both the handset and the base unit are in contact during charging.</p> <p>The charging contacts may need to be cleaned with an alcohol-moistened cloth.</p> <p>The battery pack may need to be discharged first before a full charge can be accomplished.</p>
Range is limited	<p>Make sure the base antenna is vertical.</p> <p>Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances.</p>
Calls received, flutter or fade	<p>The handset rechargeable battery pack may need charging.</p> <p>You may be out of normal operating range. Move closer to the base unit.</p>
Cannot store or recall phone numbers from memory	<p>When storing phone numbers, make sure that the handset is in the standby position.</p> <p>When recalling stored numbers, check first for a dial tone.</p>

SPECIFICATIONS

YOUR NEW PHONE

GENERAL

Australian Specification: The DS70 complies with TS001, TS002, TS004, AS/NZS 3260 and FCC Part 15(as per ACA Radio Communications Class Licensing Requirements).

New Zealand Specification: The DS70 complies with PTC200, RFS 29.

Frequency control: PLL

Modulation: Direct Sequence Spread Spectrum; DBPSK

Operating temperature: 0° to +50° C

BASE UNIT

Frequency: 917.4 to 925.8 MHz (15 channels: Australia)

Frequency: 923.4 to 927.0 MHz (7 channels: New Zealand)

Power requirements: 9V 300mA (from AC adaptor)

Size: 152mm (W) x 183mm (H) x 53.5mm (D)

Weight: Approx. 307g

HANDSET

Frequency: 917.4 to 925.8 MHz (15 channels: Australia)

Frequency: 923.4 to 927.0 MHz (7 channels: New Zealand)

Power requirements: Rechargeable NiMH battery pack

Size (without antenna): 50mm (W) x 154mm (H) x 27.5mm (D)

Weight: Approx. 136g (including battery)

Battery: Capacity 550 mA_H, 3.6V

Talk mode 4 hours

Standby mode 14days

Specifications, features, and availability of optional accessories are all subject to change without prior notice.

WARRANTY

One Year Limited Warranty

Important: Evidence of original purchase is required for warranty service.

Warrantor: Uniden Australia Pty Limited ACN 001 865 498
Uniden New Zealand Limited

ELEMENT OF WARRANTY: Uniden warrants to the original retail owner for the duration of this warranty, its DS70 (herein after referred to as the Product), to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original retail owner only, shall terminate and be of no further effect 12 months after the date of original retail sale. This warranty will be deemed invalid if the product is; (A) Damaged or not maintained as reasonable and necessary, (B) Modified, altered or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) Improperly installed, (D) Repaired by someone other than an authorised Uniden Repair Agent for a defect or malfunction covered by this warranty, (E) Used in conjunction with any equipment or parts or as part of a system not manufactured by Uniden. (F) Only available in the original country of sale.

PARTS COVERED: This warranty covers for one (1) year, the Base/Charging Unit and Handset only. All accessories (AC Adaptor, Wall mount bracket etc) are covered for 90 days only.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, the warrantor at its discretion, will repair the defect or replace the product and return it to you without charge for parts or service. **THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS GUARANTEE IS IN ADDITION TO AND DOES NOT IN ANY WAY AFFECT YOUR RIGHTS UNDER THE CONSUMER GUARANTEE ACT.**

WARRANTY CARD: If a warranty card has been included with this product then please fill it in and return to us within 14 days of purchase. Your name and the Serial number of the product will then be registered in our database and this will help us process your claim with greater speed and efficiency should you require warranty

PROCEDURE FOR OBTAINING PERFORMANCE OR

WARRANTY: In the event that the product does not conform to this warranty, the Product should be shipped or delivered, freight pre-paid, with evidence of original purchase (eg. a copy of the sales docket), to the warrantor at:

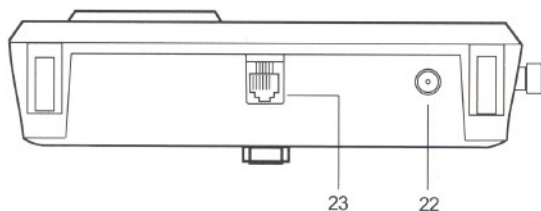
UNIDEN AUSTRALIA PTY LIMITED
SERVICE DIVISION
345 Princes Highway,
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Toll Free 1300 366 895

UNIDEN NEW ZEALAND LIMITED
SERVICE DIVISION
150 Harris Road,
East Tamaki, Auckland
Ph (09) 273 8383 Fx (09) 274 4253
Toll Free 0800 4 UNIDEN
(864 336)

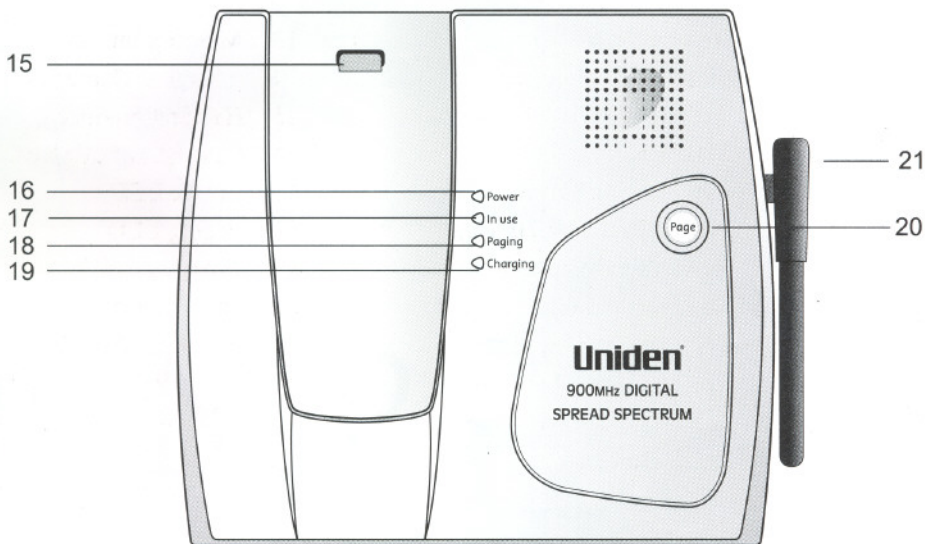
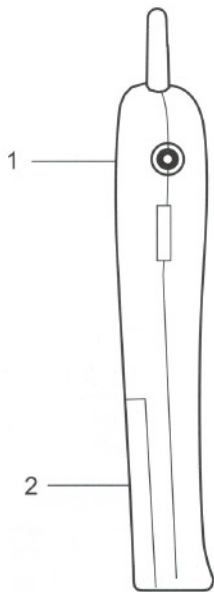
Customers in other States should ship or deliver the Product freight pre-paid to their nearest Uniden Authorised Repair Centre (Contact Uniden for the nearest Warranty Agent to you)

WARRANTY

CONTROLS & FUNCTIONS



- | | |
|---------------------------------------|-------------------------|
| 1. Headset Jack | 13. Memory button |
| 2. Battery Compartment | 14. Charging Contacts |
| 3. In Use LED | 15. Handset retainer |
| 4. Talk/End button | 16. Power Indicator LED |
| 5. Call Waiting button | 17. In Use LED |
| 6. 3 Way Chat (conference) button | 18. Paging LED |
| 7. Redial/Pause button | 19. Charging LED |
| 8. Handset Aerial | 20. Page button |
| 9. Low battery/Out of range indicator | 21. Base Unit Aerial |
| 10. Volume Control buttons | 22. DC In 9V |
| 11. Numeric Keypad | 23. Tel Line |
| 12. Recall Button | |



THANK YOU

FOR PURCHASING A UNIDEN PHONE!

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