GRUNDIG

made for you

**900MHz
CORDLESS
TELEPHONE**

P9121G

en

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ENGLISH

INFORMATION _____

Preface

Dear customer, congratulations on buying your Grundig telephone and thank you for placing your confidence in us.

This device has been manufactured with the utmost care. If you should have difficulties in operating it, we recommend that you consult this user manual.

To operate the device safely and easily, please read the following sections carefully.

Application information

This telephone is to be used for transmitting voice messages via telephone networks. Any other use is not permitted and is considered unfit for the intended use.

Safety information

Do not install your telephone in a damp environment, such as a bathroom, washroom, kitchen etc, and not within 1.50 metres of a source of water or outside.

This device is designed for use in temperatures of between 5 °C and 45 °C.

Only use the power unit supplied and connect it to the electricity mains in accordance with the installation instructions in this user manual and the details on the sticker regarding voltage, electrical current and frequency. As a precaution if there is a risk of danger, the power plug can be pulled out to disconnect the power supply. Therefore the sockets should be near the device and easily accessible.

This device is designed to be used for connecting to the public telephone network. If problems should arise, contact your nearest specialist dealer. Only use the telephone cable supplied.

For safety reasons, never put the handset in the base station without the battery inserted or without the lid on the battery compartment as this could cause an electric shock.

INFORMATION

CAUTION :

To avoid damaging the handset, only use the rechargeable battery supplied.

The used battery must be disposed of in line with the recycling regulations.

The working range coverage by your telephone can be affected by the proximity of metal objects, such as a television and electrical devices.

Some cordless telephone operates at frequencies that may cause or receive interference with TVs, microwave ovens, and VCRs. To minimize or pervert such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such interference continues, move the cordless telephone farther away from these appliances. Certain other communications devices may also use the 900MHz frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 900MHz frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone system, and some long-range cordless telephone system.

Certain medical equipment and highly-sensitive machines or security systems may be affected by the transmission power of the telephone. In these cases we recommend adhering to the safety information.

In regions greatly affected by electrical storms we recommend that you protect your telephone circuit with a special fixture for excess voltage.

You cannot make calls with the device if there is a power cut. Therefore keep another telephone at the ready in the event of an emergency.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INFORMATION

Battery pack

If your product contains battery, they must be disposed of at the designated collection points.

• Do not burn, disassemble, mutilate or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.

• Keep battery out of the reach of children.

• Remove battery if storing over 30 days.

INITIAL SETUP

Packing contents P9121G

Base station
Handset
Battery pack (Ni-Cd type, 3.6V, 600mAh)
Power supply unit
Connecting cable for the telephone socket (line cord)
Operating manual

Condition on delivery

Ringer on/off : on
Ring tone: 1
Handset volume: 1
Tone / Pulse : Tone
Telephone book: Empty
Redial: Empty

INITIAL SETUP

Setting up

Place the base station somewhere central and easily accessible where you want to use it.

The structure of the building can cause signal shadows to occur. This can lead to short interruptions when speaking due to the weak signal.

The connection breaks up temporarily when there is insufficient field strength.

Place an anti-slip mat under the base station. The feet on the device do not usually leave any undesirable marks behind. Due to the variety of varnish and polish used on furniture, we cannot completely rule out the possibility that marks from the feet of the device are left on any surfaces.

Grundig does not accept any liability for this type of damage.

Operating the base station outside or in areas exposed to frost is not permitted.

The recommended ambient temperature for operating the base station is +5 °C – +45 °C, the recommended relative air humidity is 20 % to 75 %.

The installation location must have a mains socket for the base station.

Inserting the battery in the handset

1 On the back of the handset, press the top section of the battery lid and push down.

2 When inserting the battery pack, observe the polarity of the battery socket.

3 Replace the battery lid on the handset and push it as far as it will go.

INITIAL SETUP_____

Connecting the base station

Power supply unit

Telephone socket

Connecting cable for
the telephone socket
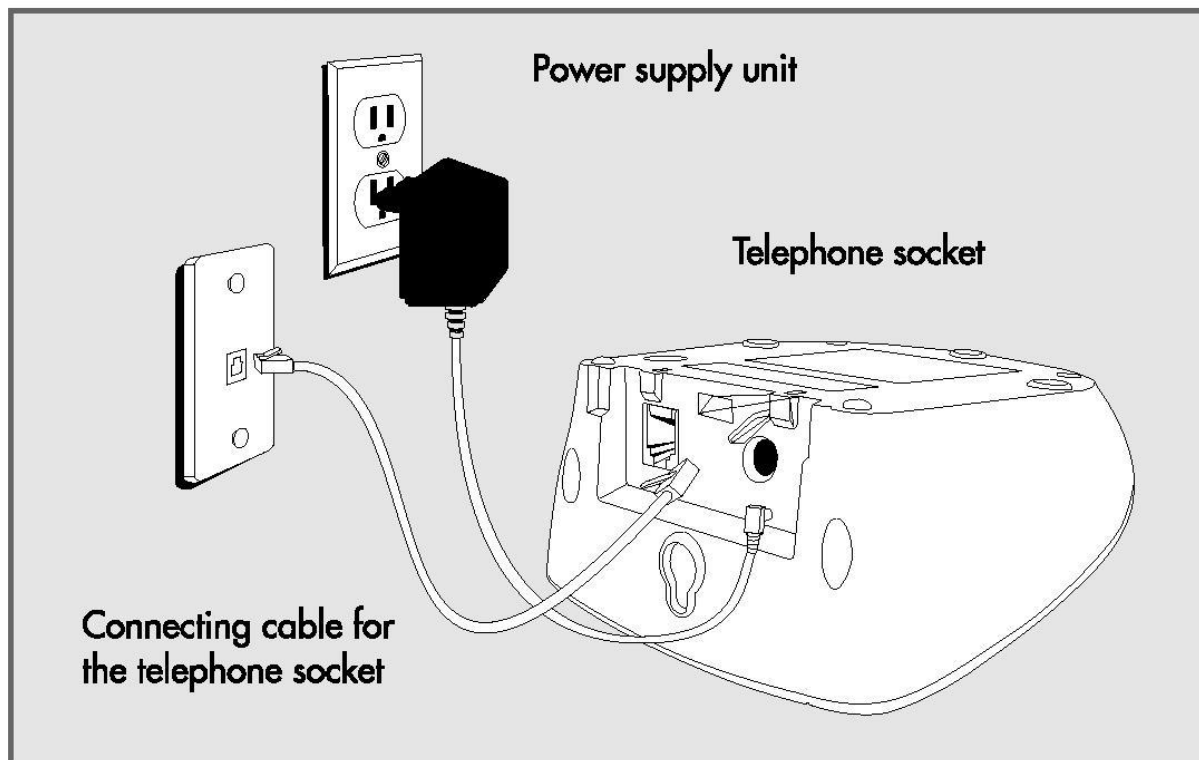
Connecting the line cord to the telephone socket

1 Plug the RJ11 connector of the line cord into the »LINE« socket until it catches, on the back of the base station.

2 Connect the other end of the connector into the telephone socket, until it catches.

Note:
To detach the RJ11 connector, press the snap-in hooks down and pull it out.

Connecting the power supply

Only use the power supply unit supplied.

1 Plug the power supply unit into the "POWER" socket, on the back of the base station

2 Plug the power supply unit into the power socket.

INITIAL SETUP_____

Battery pack

Charging the battery pack

Before you can use your telephone, the battery pack must be charged.

Put the handset into the cradle of the base station with the keypad facing forwards. The charge LED on base turns on if handset is properly placed.

The battery pack has a charging cycle of 16 hours.

Operating time of the battery pack

The operating time of the battery in standby is up to six days or up to six hours for longer calls.

Service life of the battery pack

To increase the service life of the battery pack, note the following:

– Do not short-circuit the plug.
– Use your handset as a mobile phone and do not replace it in the base station to be charged after every phone call.

OVERVIEW

Handset

Earpiece

Talk Button

Memory button

Program button

#pause button

Flash button

Microphone

VOL - or + (button)

redial (button)

*tone (button)

Chan (button)

Ringer on/off
(slide switch)

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Vol

Talk

redial   memory   program

1   2 abc   3 def

4 ghi   5 jkl   6 mno

7 pqrs   8 tuv   9 wxyz

*tone   0 oper   #pause

ringer

chan   off   on   flash

mic

Base station

In use /
Charge indicator

Page button

In Use/Charge

page

GRUNDIG
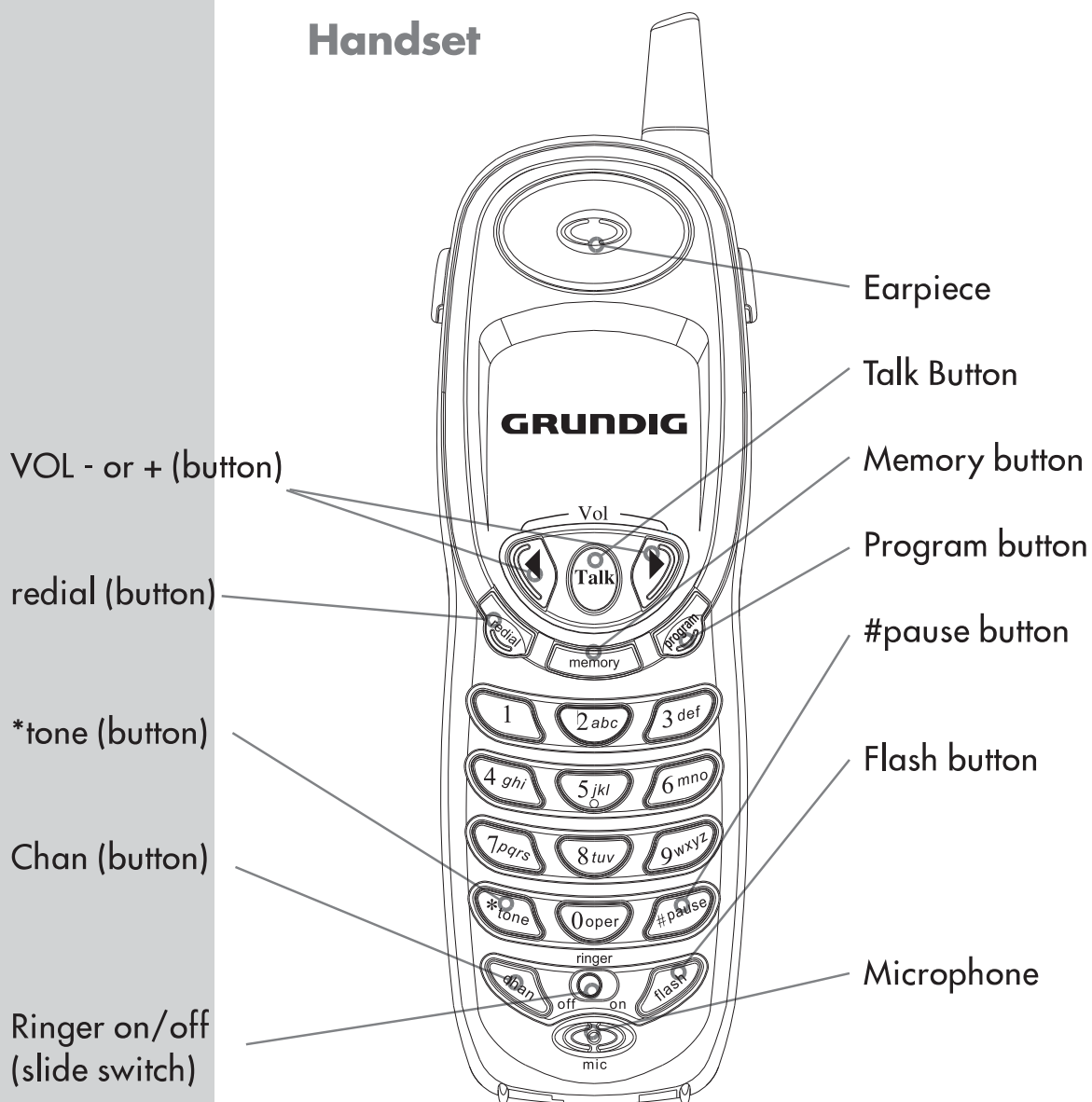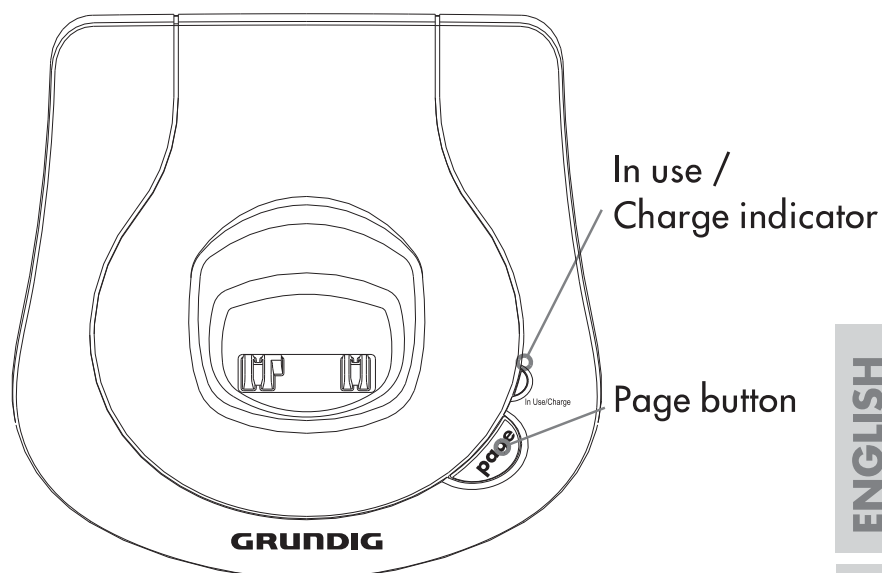
TELEPHONING

Making calls

1 Pick up the handset, and press the >>**Talk**<< button. Listen for a dial tone.

2 Dial the number you want to call

3 When finished, press the >>**Talk**<< button to hang up.

Using the redial

The redial function stores the last number you called. (up to 32 digits).

1 Press >> **Talk**<< **to establish a connection.**

2 Press >>**redial**<<.
   The last number you dialed is called..

3 Press >>**Talk**<< to end the call.

Dialing from the telephone book
Dialing a number from memory

1 Make sure the phone is ON (in talk mode) by pressing the >> **Talk**<< button.

2 Press the >>**memory** << button.

3 Press the number (0-9) for desired memory loaction. The number dials automatically.

Accepting a call

You can recognise an incoming call by a ring tone on the handset.

You can set the Ringer on/off.

1 Remove the handset from the base station.

2 Press >>**Talk**<< .

Ending a call

1 Press >>**Talk**<< ,

or

put the handset in the base station.

Adjusting the volume

You can adjust the volume during the call.

1 During the call, adjust the volume using >>**VOL + **<< or >>**VOL - **<< .

TELEPHONING

Channel button

If you ever experience any interference or don't have clear voice quality, press the >>**chan**<< button on the handset to advance to another channel.

SETTINGS

Ringer switch
The handset ringer switch can be set to ON or OFF. If the switch is off, the unit will not ring.

Tone/Pulse dialing
This adjustment allows you to select tone (touch-tone) or pulse(rotary) mode dialing. The phone is pre-set for touch-tone use. To set to tone or pulse dialing:

1 Press and hold the **>>program<<** button for two seconds. You will hear a beep.
2 Press the **>>*tone<<** button to select Tone Dialing or press **>>#pause<<** to select Pulse Dialing.
3 Press the **>>program<<** button again. You will hear a confirmation tone.

Temporary tone
If you have pulse dialing service, and want to access customer calling services that require tone dialing. you can use this feature to make your phone temporarily touch-tone compatible.

1 Press the **>>Talk<<** button, and call the bank's information line.
2 Press the **>>*tone<<** button after your call is answered.
3 Follow the voice instructions to complete your transaction.
4 Hang up when finished. The phone returns to pulse dialing service.

CONVENIENCE FUNCTIONS

Telephone book
You may store ten 20-digit telephone numbers in the handset memory for quick dialing.

Storing a number in memory
1 Make sure the phone is OFF, and press the >>**memory**<< button.
2 Press a number key (0-9) to store the phone number in that memory location.
3 Press >>**memory**<< button.
4 Use the keypad to enter the number (up to 20 digits) you want to store in that memory location.
5 Press the >>**memory**<< button again to confirm.

Changing a stored number
Follow the procedure in STORING A NUMBER IN MEMORY, except replace the old phone number with a new phone number.

Storing a Pause in memory
Use the >>**#pause**<< button to insert a pause when a delay is needed in the dialing sequence .
Each pause counts toward the 20-digit limit.
TIP: If you need a longer pause, press the >>**#pause**<< button twice.

Page
Press the >>**page**<< button on the base to locate a misplaced handset. When you press the >>**page**<< button, the handset beeps and the indicator on the handset and the in use/charge indicator on the base blinks. Press the >>**Talk**<< button when you locate the handset. To cancel the page, press the >>**page**<< button again.
NOTE :
You can still page the handset with the ringer off.

TECHNICAL DATA

Standard	Analogue phone
Frequency	900MHz
Transm. channels	40
Battery	Ni-Cd 3AA size 3.6V, 600mAh
Dialing method	DTMF (touch tone)
Handset operating life	
In use	up to 6 hours*
In standby	up to 6 days*
Ambient temperature	+ 5 °C to + 40 °C
Dimensions	
Base station	
(L x W x H)	133 mm x 128mm x 66mm
Handset (L x W x H)	189mm x 54mm x39mm
Weight	
Base station	180 gr.
Handset	111 gr.

* If the base station is not connected to the mains (such as in a power outage), the handset continuously searches for a base station.

Therefore, more battery power is used up and the standby time is reduced.

Technical changes and errors reserved.

EQUIPMENT APPROVAL INFORMATION

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

Notes

- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line.
- Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.

EQUIPMENT APPROVAL INFORMATION

- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

2 Rights of the Telephone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations. The telephone company may make changes in its communication a facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

Interference information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply

EQUIPMENT APPROVAL INFORMATION

with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Hearing aid compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

US Number is located on the cabinet bottom
REN number is located on the cabinet bottom

EQUIPMENT APPROVAL INFORMATION

FCC RF radiation exposure statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

SIGNAL

Talk button indicator light

Signal	Meaning
Lights steadily	Phone is in use
Quickly flashing	You have an incoming call or page
Flashes every 7 seconds	Low battery warning

Handset sound signals

Signal	Meaning
A long warbling tone call(with ringer on)	Signals an incoming
Three short beeps	Page signal
One short beep (every 7 seconds)	Low battery warning

In use/Charge indicator

When the in use /Charge indicator is lit, the handset is either correctly seated in the cradle and is charging or the line is in use if the handset is not in cradle.

TROUBLESHOOTING GUIDE

Telephone solutions

No dial tone

- Check or repeat installation steps:
  Make sure the base power cord is connected to a working electrical outlet.
  Make sure the telephone line cord is connected to the base and the wall jack.
- Connect another phone to the same jack. If it doesn't work, the problem might be your wiring or local service.
- The handset may be out of range of the base. Move closer to the base.
- Make sure the battery pack is properly charged (for 16 hours).
- Make sure the battery pack (in the handset) is properly installed.
- The handset should beep when you press the **>>Talk<<** button, and the in use/charge indicator on the base should be lit when the handset rests in the cradle. If not, the battery may need to be charged.
- Place handset in charge cradle for at least 20 seconds to reset the unit.

Handset does not ring

- Make sure the handset ringer on/off switch is set to on.
- The handset may be out of range of the base. Move closer to the base.
- You may have too many extension phones on your line. Try unplugging some extension phones.
- Check for a dial tone.

You experience static, noise, or fading in and out

- Change channels
- The handset may be out of range of the base. Move closer to base.
- Make sure base is not plugged into an electrical outlet with another household appliance. If necessary, relocate the base.
- Charge the battery (for 16 hours).

Unit beeps

- Place handset in base for 20 seconds, if it still beeps, charge battery for 16 hours.

- Clean the charging contacts on the cordless handset and base charge cradle with a soft cloth or an eraser.
- See solutions for "No dial tone" on previous page. Replace the battery.

Memory dialing doesn't work

- Did you program the memory location keys correctly?
- Did you follow proper dialing sequence?

Unit locks up and no communication between the base and cordless handset

- Unplug the power adaptor from the electrical outlet and the back of the base. Remove the handset battery. Wait for 30 seconds and plug the power adaptor back into the base and electrical outlet. Reconnect the battery and charge for 16 hours.

Phone dials in pulse with tone service

- Make sure phone is in tone dialing mode.
- Phone won't dial out with pulse service
- Make sure phone is in pulse dialing mode.

Battery

If you experience any of the following problems, even after recharging the battery, you may need to replace the battery pack:

- Short talk time
- Poor sound quality
- Limited range
- Charge indicator fails to turn on

General product care

To keep your unit working and looking good, follow these guidelines:

- Avoid dropping the handset, as well as other rough treatment to the phone.
- Clean the phone with a soft cloth.
- Never use strong cleaning agents, paint thinner, abrasive powder, alcohol, or other chemical products to clean the unit. Doing so will damage the finish.
- Retain the original packaging in case you need to ship the phone at a later date.

ENGLISH

- Periodically clean the charge contacts on the handset and base with a clean pencil eraser.

Causes of poor reception

- Aluminum siding.
- Foil backing on insulation.
- Heating ducts and other metal construction that can shield radio signals.
- You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is installed in the basement or lower floor of the house.
- Base is plugged into AC outlet with other electronic devices.
- Baby monitor is using the same frequency.
- Handset battery is low.
- You're out of range of the base.

SERVICE INFORMATION

Warranty

Grundig devices correspond to state-of-the-art technology and are manufactured in accordance with the strictest quality standards. Should you have a reason to complain, the legal guidelines for warranty claims apply at your dealer within 12 months of the purchase date.

Claims made against this warranty require that the device has been used properly for its intended use and according to the instructions. Warranty claims can be granted upon presentation of the original receipt or proof of purchase which includes the date of purchase and the name of the dealer, as well as the complete model and production number.

No liability is accepted for damage caused by improper use, handling or wear and tear from a person or company without the appropriate entitlement.

Grundig Multimedia B.V.

http://www.grundig.com   07/01