



OWNER'S MANUAL

*2.4GHZ DIGITAL SPREAD SPECTRUM
CORDLESS TELEPHONE*

Accessory Handset For Use With 2432 System

***National Help Desk CALL Sprint
TOLL FREE AT 1-800-949-4357***

Introduction

IMPORTANT:

The 2422 is an Accessory Handset for use with the 2432 Sprint GIGAPHONE system. You must have the 2432 in order to use the 2422 Accessory Handset.

This manual is designed to familiarize you with the 2422 Accessory Handset setup, registration and basic functions. For detailed operational instructions, please refer to the 2432 manual.

To order additional system Handsets (model# 2422), battery packs, or headsets, call your nearest Sprint Business office, or visit one of Sprint's conveniently located Retail stores.

Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- 1.** Read and understand all instructions.
- 2.** Follow all warnings and instructions marked on the product.
- 3.** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 4.** Do not use this product near water (for example, near a bath tub, kitchen sink, or swimming pool).
- 5.** Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 6.** Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation where proper ventilation is not provided.
- 7.** This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
- 8.** Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
- 9.** Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
- 10.** To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing cabinet parts other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
- 11.** Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

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- 12.** Unplug this product from the wall outlet and refer servicing to a Sprint authorized service facility under the following conditions:
 - A. When the power supply cord or plug 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 by following the operating instructions. Adjust only those controls that are covered by the operating instructions, because improper adjustment of other controls may result in damage and will often require extensive work by an authorized technician to restore the product to normal operation.
 - E. If the product has been dropped and the cabinet has been damaged.
 - F. If the product exhibits a distinct change in performance.
 - 13.** Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lighting.
 - 14.** Do not use the telephone to report a gas leak in the vicinity of the leak.

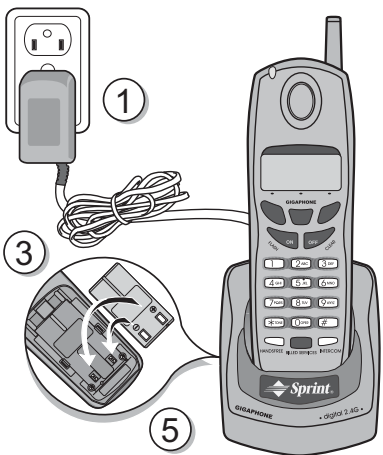
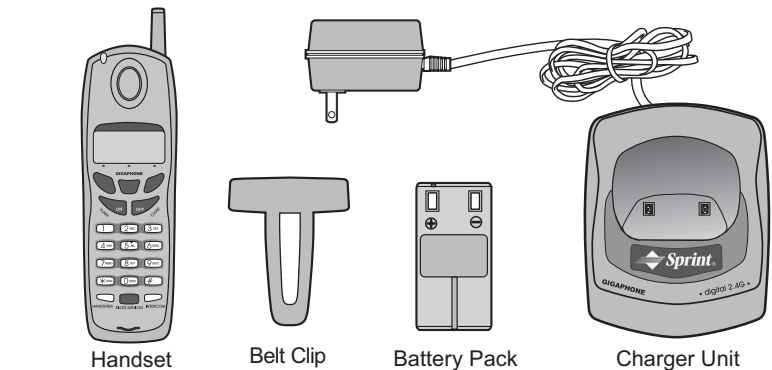
SAVE THESE INSTRUCTIONS

Getting Started

Setup

Registration And Operation Of The 2422 Accessory Handset

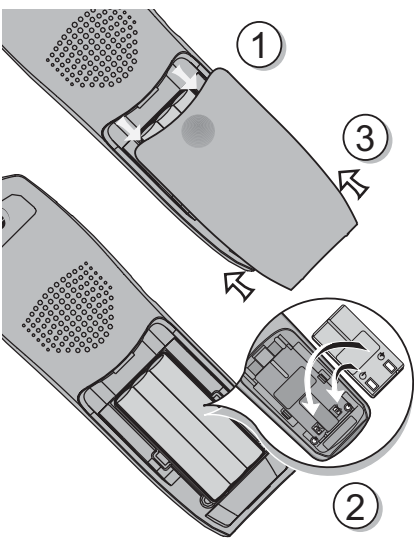
Your Sprint GIGAPHONE system can operate up to 4 Handsets.
The accessory Handset consists of the following:



Setup Of The 2422 Accessory Handset

1. Plug the AC power adapter into an electrical outlet.
2. Remove the Handset battery cover by pressing on the indent and sliding downward.
3. Place the new battery pack in the Handset, with the metal contacts aligned with the charge contacts in the battery compartment.
4. Replace the battery cover by sliding it upward.
5. Place the Handset in the Charge Cradle, and allow it to charge for 12 hours. After the initial charge, a maintenance charge of 8 hours should be sufficient.

Installation of Battery Pack in Handset



- Follow the steps below:
1. Remove the battery cover by pressing on the indent and sliding downward.
 2. Place the new battery pack in the handset with the metal contacts aligned with the charge contacts in the battery compartment.
 3. Replace the battery cover by sliding it upwards.
 4. If the new battery pack is not already charged, place the handset in the base unit, or a remote charging stand, and allow it to charge for 12 hours. After initial charge, a maintenance charge of 8 hours should be sufficient.

The original Handset that is shipped with your Sprint GIGAPHONE system will be automatically registered to the Base. This Handset is **HANDSET 1**.

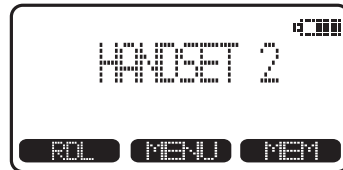
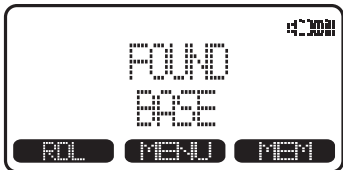
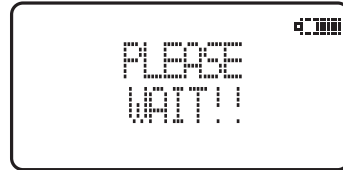
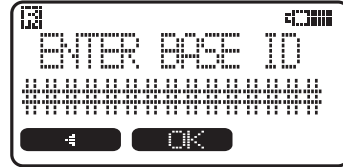
As you register additional Handsets to the system, they will be assigned extension numbers in the following order: **HANDSET 2**, **HANDSET 3**, and finally **HANDSET 4**.

Whenever a Handset battery pack is installed, the Handset will automatically begin **SEARCHING FOR BASE** (if previously registered), or it will prompt you to **ENTER BASE ID** to register the new Handset.

Registration

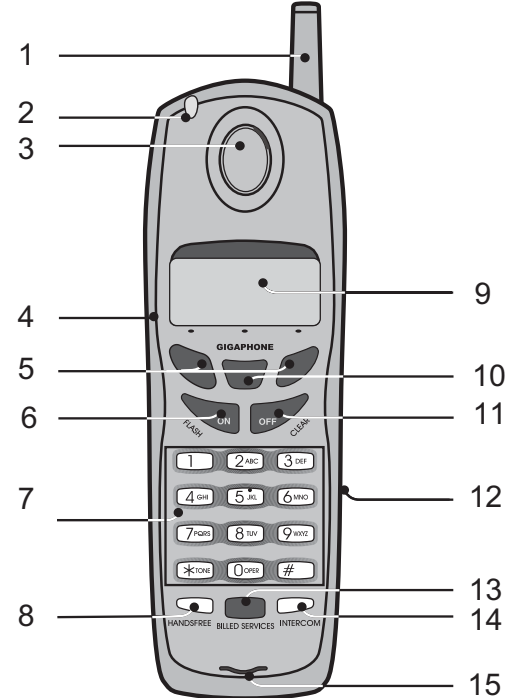
Enter Base ID Code

1. After charging the Handset, remove it from its Charge Cradle, the screen will display:
2. Press **NEW**, then enter the 15 digit Base Unit ID code, located on the underside of the Base Unit.
3. Press **OK**. The Handset will display: PLEASE WAIT!!
4. Wait approximately 15 seconds. The Handset will display:
FOUND BASE
NOTE: Occasionally, it will take longer than 15 seconds for the Handset to find the Base Unit. This is normal.
If the Handset displays: **BASE BUSY TRY LATER**, this indicates that the system is in use. Wait until the Base Unit is in the idle (on hook) mode, and repeat step 2 to 4.



Congratulations! You can now enjoy the benefits of your multi-Handset system.

The Handset Layout








- | | |
|------------------------------|-------------------------|
| 1. Antenna | 9. LCD Display |
| 2. Message Waiting Indicator | 10. Select |
| 3. Earpiece | 11. Off (Clear) |
| 4. Headset Jack (2.5mm) | 12. Battery Compartment |
| 5. Scroll Keys | 13. Billed Services |
| 6. On (Flash) | 14. Intercom |
| 7. Dialing Key (0-9) | 15. Microphone |
| 8. Handsfree Speakerphone | |

Handset Operation

Handset Indicators

Handset Icons

Icon	Description
	<u>Line In Use indicator</u> On steady with no number next to it when a parallel set is in use. On steady with one or more numbers next to it, indicating which extensions are using the line. For example,  12 indicates that Handset 1 and Handset 2 are on an outside call.
	<u>Intercom indicator</u> On steady with the extension numbers currently on an intercom call. For example,  02 indicates that the Base and Handset 2 are on an intercom call.
	<u>Battery indicator</u> Cycles (Low, Medium, and High) when Handset battery is charging. Flashes when a low battery condition is detected.
M	<u>Mute indicator</u> On steady when the Handset microphone is muted.
H	<u>Hold indicator</u> On steady when the line is on hold.
R	<u>Handset Registration indicator</u> R is displayed when a Handset is either not registered, or is searching for a Base unit.

Handset LEDs

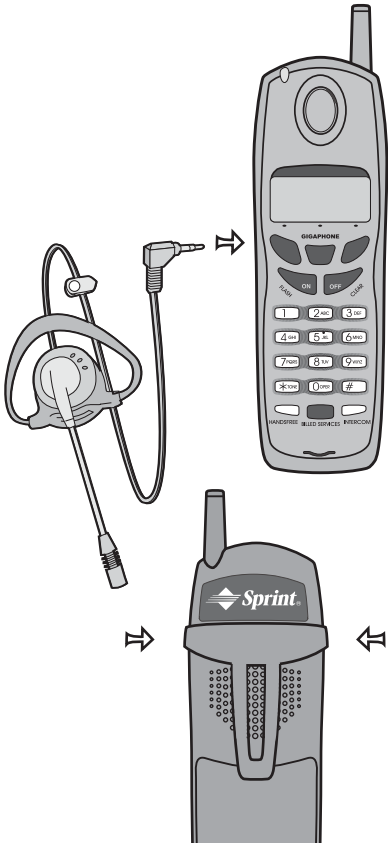
LED	Description
Message Waiting	<ul style="list-style-type: none">Light to indicate that you have new messages in your voicemail. Service must be subscribed to through your local telephone company.

Additional Information

Headset Operation

Your Sprint GIGAPHONE cordless telephone is equipped with a 2.5mm Headset Jack for use with an optional accessory Headset for hands-free operation. If you choose to use the Headset option, you must obtain an optional accessory Headset, which is compatible with the Sprint GIGAPHONE.
To purchase a Headset, call Sprint Toll Free at 1-800-949-4357.

Once you have a compatible 2.5mm Headset, locate the Headset Jack on the Sprint GIGAPHONE Handset. Connect the plug on the Headset cord to the jack on the cordless Handset. The plug should fit securely. Do not force the connection.



Operation

NOTE :
Whenever a compatible Headset is connected to the cordless Handset, the microphone on the Hand-set will be muted. This is done to limit the effect of background noise.

Belt Clip

The Sprint GIGAPHONE is also equipped with a detachable belt clip. Align the pins on the inside edge of the clip with the notches on the sides of the Sprint GIGAPHONE Handset. The belt clip should snap securely into place. Do not force the connection.

Maintenance

Taking Care Of Your Telephone

Your Sprint GIGAPHONE cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the Handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the Handset outdoors in the rain, or handle it with wet hands. Do not install your Base Unit near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment.

For your own safety, use caution when using electric appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If your Base Unit should fall into water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL.** Then pull the unit out by the unplugged cords.

In Case Of Difficulty

If you have difficulty operating your phone, the suggestions below should solve the problem. If you still have difficulty after trying these suggestions, call Sprint National Help Desk at 1-800-949-4357.

The Phone Doesn't Work At All

- Make sure the Power Cord is plugged
- Make sure the telephone line cord is plugged firmly into the Base Unit and the telephone wall jack.
- Make sure the batteries are properly charged. If the 'LOW BATTERY' message is shown, the battery pack needs charging.

No Dial Tone

- First check all the suggestions above.
- If you still don't hear a dial tone, disconnect the Base Unit from the telephone jack and connect a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Call your local telephone company.

You Get Noise, Static, Or A Weak Signal Even When You're Near The Base Unit

- Household appliances plugged into the same circuit as the Base Unit can sometimes cause interference. Try moving the appliance or the Base Unit to another outlet.

You Get Noise, Static, Or A Weak Signal When You're Away From The Base Unit

- You may be out of range. Either move closer to the Base, or relocate the Base Unit.
- The layout of your home may be limiting the range. Try moving the Base Unit to another position.

The Handset Does Not Ring When You Receive A Call

- Make sure you have the Handset ringer activated. To set the ringer, see HANDSET SETTINGS and BASE SETTINGS.
- Make sure the telephone line cord is plugged firmly into the Base Unit and the telephone jack. Make sure the power cord is plugged in.
- You may be too far from the Base Unit.
- You may have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of the other phones.

In Case Of Difficulty

You Hear Other Calls While Using Your Phone

- Disconnect your Base Unit from the telephone jack, and plug in a regular telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

You Hear Noise In The Handset, And None Of The Keys Or Buttons Work

- Make sure the power cord is plugged in.

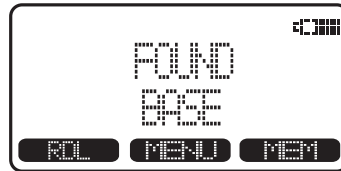
Common Cure For Electronic Equipment

If the unit does not seem to be responding normally, then try putting the Handset in the cradle. If it does not seem to respond, do the following (in the order listed) :

1. Disconnect the power to the Base.
2. Disconnect the Handset battery, and spare battery pack, if applicable.
3. Wait a few minutes.
4. Connect power to the Base.
5. Re-install the battery pack (s)
6. Watch for Handset to display :



then



Warranty Statement

The Manufacturer's Limited Warranty, to the original purchaser only, the material and workmanship of his product for ONE YEAR from the date of purchase. The manufacturer will repair or replace, at our option, this product without charge should it fail due to a defect in material or workmanship within that time period.

This warranty does not apply to loss or damage which is the result of accident, misuse or negligence. All other warranties, expressed, implied, or statutory, including warranties of fitness for a particular purpose, are limited to the time period listed and are otherwise excluded from this warranty. The manufacturer may, at its option, void the warranty if unauthorized repairs are attempted. Additionally, the manufacturer shall not be liable for any incidental or consequential damage or commercial loss, nor for any other loss or damages.

The manufacturer assumes no responsibility for products sent without prior Return Authorization.

To arrange for service, in or out of warranty, please Call Sprint at 1-800-949-4357. For warranty service, proof of purchase is required.

FCC Regulations

This equipment complies with Parts 15 of the Federal Communications Commission (FCC) rules for the United States. It also complies with regulations RSS210 and CS-03 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

A label is located on the underside of the Base Unit containing either the FCC registration number and Ringer Equivalence Number (REN) and Load Number. You must, upon request, provide this information to your local telephone company.

This equipment is compatible with inductively coupled hearing aids.

Should you experience trouble with this telephone equipment, please contact:

Sprint Toll Free at 1-800-949-4357.

For repair/warranty information. The telephone company may ask you to disconnect this equipment from the line network until the problem has been corrected.

FCC Part 15

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

The equipment has been tested and found to comply with 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Regulations

FCC Part 68

The FCC requires that you connect your cordless telephone to the nationwide telephone network through a modular telephone jack (USOC RJ11C, RJ11W or RJ14).

Your telephone company may discontinue your service if your equipment causes harm to the telephone network. They will notify you in advance of disconnection, if possible. During notification, you will be informed of your right to file a complaint with the FCC.

Occasionally, your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the operation of your equipment. If so, you will be given advance notice of the change to give you an opportunity to maintain uninterrupted service.

The Base Unit contains no user serviceable parts. The Handset contains a user replaceable battery pack.

If it is determined that your telephone equipment is malfunctioning, the FCC requires that it not be used and that it be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents or by others who may be authorized by the FCC. For repair procedures, follow the instructions outlined under the Limited Warranty.

This equipment may not be used on coin service provided by the phone company or Party Lines.

The REN is useful in determining the number of devices you may connect to your telephone line and still enable the devices to ring when you receive a call. The general rule is that the REN value should not exceed 5.0A total; however, contact your local telephone company for the specific number in your area.

Technical Specifications

FREQUENCY CONTROL

Crystal controlled
PLL synthesizer

TRANSMIT FREQUENCY

2401.056 - 2481.408 MHz

RECEIVE FREQUENCY

2401.056 - 2481.408 MHz

CHANNELS

94 Channels

NOMINAL EFFECTIVE
RANGE

Maximum power allowed by FCC. Actual operating range may vary according to environmental conditions at the time of use.

SIZE

Handset : 48mm x 33mm x 175mm
Charger : 60mm x 73mm x 52mm

WEIGHT

Handset : 185 grams
Charger : 200 grams

POWER REQUIREMENTS

Handset : 2.4 VDC 800mAh NiCd
Battery Pack or 1500mAh
NiMH Battery Pack

Charger : 6 VDC @ 300mA

MEMORY

Speed Dial : 50 Memory locations, into
32 digits per location.

CID : Alpha Numeric Display 50
Memory locations

SPECIFICATIONS ARE
TYPICAL AND MAY CHANGE
WITHOUT NOTICE.