

900MHz DSSS DIGITAL CORDLESS TELEPHONE

MODEL : AU27018GE2-A

TENTATIVE

IMPORTANT

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference. Also save the carton, packing and proof of purchase to simplify and accelerate any needed action.

⚠ WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of excess moisture. If accidentally dropped into water, this product should immediately be unplugged AC outlet and the telephone wall jack.

⚠ THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

⚠ INSTALLATION PRECAUTIONS

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

⚠ MAINTENANCE

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.

⚠ CAUTION

To reduce the risk of fire or injury to persons, read and follow these instructions:

1. Use only the following type of battery : Zhongshan Newstar / NS-AA600mAh.
2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions

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3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery in order not to short the battery with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
5. Recharge only the battery type that is provided with or identified for use with this product. If a different type of battery is used, it may leak or explode.
6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur, causing burns or irritation to eyes or skin.
7. When inserting the battery into this product, the proper polarity or direction must be observed. Reverse insertion of battery may result in leakage or explosion.
8. Remove the battery from this product if the product will not be used for a long period of time (several months or more) since during this time they could leak in the product.
9. Discard the "dead" battery as soon as possible since "dead" battery are more likely to leak in a product.
10. Do not store this product, or the battery provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.
11. Always disconnect all telephone line cords from the wall modular jacks before installing or replacing the battery.

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 bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a 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 should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be

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placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is 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. Do not overload wall outlet and extension cords as this can result in the risk of fire or electric shock.
10. 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.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service contractor when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel 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.
Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinctive 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 lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

FCC NOTICE

The FCC requires that you be advised of certain requirements involving the use of this telephone.

1. The equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a

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- label that contains, among other information, the FCC registration number and Ringer Equivalence Number(REN) for this equipment. If requested, provide this information to your telephone company.
2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five(5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
 3. If your telephone causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
 4. Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
 5. If you experience trouble with the telephone, please contact Northwestern Bell Phones for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.
 6. This equipment may not be coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

AC ADAPTOR : USE ONLY WITH CALSS 2 TRANSFORMER



, RATED OUTPUT 9VDC,300mA,

CARTON CONTENTS

- 27018GE2-A Base and Handset
- Rechargeable Ni-Cd Battery (3.6V,600mAh)
- AC Adaptor (DC9V,300mAh,)
- Telephone Line Cord
- User's Manual
- Warranty Card

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INSTALLATION

How to Install the Ni-MH Battery

1. Remove the battery compartment cover of the handset by sliding it down.
2. Connect the battery plug along the slot into the handset's battery connector.
3. Insert the Ni-Cd battery pack into the battery compartment.
4. Replace the battery compartment cover by sliding it up towards the handset.

NOTE : The Ni-Cd battery must be fully charged at least 12 hours before initial use.
Please refer to the "Charging the Battery (Full Charge)" section.

POWER CONNECTION

 **CAUTION :** You must use a 120Volt AC/9Volt DC adaptor that delivers at least 300mA.
The center tip must be positive and the plug must correctly fit the machine's DC 9V jack.

1. Plug the AC Adaptor into a standard AC outlet.
2. Plug the adaptor plug into the DC 9V jack on the rear of the base.

CHARGING THE BATTERY (FULL CHARGE)

1. Once the base unit has power connection, place the handset in its cradle on the base unit.
2. Leave the handset on the cradle for at least 12 hours for a full charge.

NOTE : The Ni-Cd battery is continuously charged when the handset is on the cradle of the base unit.

PREPARING FOR INITIAL USE

1. Setting the Battery on handset.
2. Ensure that the Ni-Cd battery is installed and fully charged before initial use.
3. Check phone line and power connections.
4. Push the handset TALK button to confirm that you have a dial tone. If you do not get a dial tone, please refer to the Troubleshooting chart.

TELEPHONE OPERATION

To Place a Call (TALK MODE)

1. Press TALK button on the handset. The IN-USE indicator will light up solid when it finds a

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clear channel.

2. Listen for a dial tone. If you do not hear a dial tone.
3. Once you hear the dial tone, enter the telephone number on the handset keypad.

To Receive a Call

If the handset is on the base unit :

- ◆ Since the 27018GE2-A features "Auto-Answer," simply pick up the handset from the base unit cradle when the phone rings and start conversation with the caller.

If the handset is out of the base unit:

- ◆ Press the any button on the handset and start conversation with the caller.

To End a Call (Standby Mode)

If you picked up the handset from the base unit :

- ◆ Since the 27018GE2-A features "Auto-Standby," simply return the handset to the base to end the call. The 27018GE2-A will automatically go to standby mode.

If you picked up the handset away from the base unit :

- ◆ Press the TALK button to end the call if you were away from the base unit when you picked up the call. The 27018GE2-A will go to standby mode.

Last Number Redial (R/P)

If you get a busy signal, you can use the Redial function to automatically dial the last phone number dialed (up to 32 digits)

- ◆ Pick up the handset and press the TALK button.
- ◆ Listen for a dial tone.
- ◆ Press the Redial/Pause (R/P) button to automatically dial the last phone number you dialed.

Pause Function (R/P)

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

Flash Function (FLASH)

Used to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. Consult your local phone company for details.

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Mixed Mode Dialing (*)

Accessing special services (bank by phone, etc.), requires touch tone signals. If you have only pulse dialing available in your area, press the button to switch from Pulse to Tone dialing temporarily. Pulse dialing mode resumes when the call is ended.

Memory Dialing (MEMO)

You can store and recall up to 20 phone numbers (up to 16 digits each) from the handset.

Storing Telephone Numbers

1. Make sure the handset or base unit is in standby mode (IN-USE indicator is off).
2. Press the MEMO button on the handset or base unit. The INUSE LED will begin flashing.
3. Enter the telephone number you want to store (maximum of 16 digits) on the handset.
4. Press the MEMO button once again.
5. Enter a two digit memory index number (01-20) where you want to store the phone number. The INUSE LED will stop flashing and you will hear two confirmation beeps.
6. Repeat steps 1 to 5 to store additional telephone number.

NOTES :

- ◆ The maximum number of digits that can be stored for each phone number is 16 digits both in pulse and tone mode. The limit is only 15 digits when using Mixed Mode Dialing.
- ◆ Pauses can be programmed into a memory dialing sequence. Each pause occupies one digit. If you are using a switchboard system to access on outside line, press the R/P button on the handset to store a pause.
- ◆ Always enter two digits (01-20) when storing or recalling memory index numbers.

Recalling a Number from Memory

1. Press the TALK button on the handset and listen for a dial tone.
2. Press the MEMO button.
3. Enter the index number (01-20) on the keypad for the number you have stored. The stored number will be dialed automatically.

Changing Stored phone Numbers

1. Follow the steps described in the section "Storing Telephone Numbers."
2. The new phone number will automatically replace the previous one.

To Adjust Ringer Volume

1. Ensure that the handset or base unit is in the standby mode.
2. Press VOL▲ to set the ring loud volume.
Press VOL▼ to ring at a lower volume.

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To Adjust Receiver Volume

1. Press the TALK button and listen for a dial tone.
2. Press VOL▲ repeatedly to increase the receiver volume. Press VOL▼ repeatedly to lower the receiver volume.

NOTE : The receiver volume will chime when the maximum/minimum limit for adjusting the volume level is reached. A total of 4 volume levels are available.

User Selectable Ringer Tones

There are four user-selectable ringer tones available for the 27017GE2-A.

1. While in the standby mode, press the FLASH button.
2. Press a key (1 to 4) to select a ringer tone mode.

Hold Function

- ◆ Press the HOLD button (the line indicator on hold will blink) to place a party on hold.
Press TALK button of the party on hold to continue the conversation.

Mute Function

Press the MUTE button during a phone conversation, you will hear the caller, but the caller will not hear you.

1. Press the MUTE button to temporarily disable the microphone.
2. In case of the handset, LOW BATT indicator blinks during MUTE.
3. Press the MUTE button once again to enable the microphone.

Tone / Pulse (T/P) Switch

1. If your home is equipped with touch-tone dialing service, set the T/P switch to T(Tone).
2. If you only have rotary (pulse) dialing service, set the T/P switch to P(Pulse).

TROUBLESHOOTING ◻ ◻ ◻ ◻ ◻ ◻

SYMPTOM	SOLUTION
No dial tone	◆ Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click. ◆ IF you had a power failure or had unplugged the base unit, replace the handset on the base unit for two to five seconds to reset the system.
Does not ring	◆ You may have exceeded the Ringer Equivalence Number(REN) limit of how many phones can be connected to the same line. The REN total of all devices(printed on the bottom label of each unit) should not exceed five(5). Disconnect the appropriate units to lower the REN total.
No power on the handset unit	◆ Check the Ni-Cd battery pack connection inside the battery compartment on the handset. ◆ The handset rechargeable Ni-Cd battery pack may need to be charged.
Does not charge	◆ Make sure the charging contacts on both the base unit and the handset are in contact during charging. ◆ The charging contacts may need to be cleaned with an alcohol-moistened cloth. ◆ The Ni-Cd battery pack may need to be discharged first before a full charge.
Range is limited	◆ Raise or reposition the antenna on the base or handset. ◆ 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.
Calls received flutters or fades	◆ The handset rechargeable Ni-Cd battery pack may need charging. ◆ You may be out of normal operating range. Move closer to the base unit.
Cannot store or recall phone numbers from memory	◆ When storing phone numbers, make sure that the handset is in the standby position. ◆ When recalling stored phone numbers, check first for a dial tone. ◆ Always use two digits when entering/recalling memory index numbers.

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 2.5 centimeters between the radiator and your body.

Important Note.

Use only the supplied antenna. Unauthorized antenna, modifications, or attachments could damage the transmitter and may violate FCC regulations.

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