26976

900 MHz Under the Counter Call Waiting Caller ID Speakerphone/ Answering System User's Guide

We bring good things to life.

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.

- 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 communications 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 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.

FCC RF Exposure Requirements

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.

Specific Absorption Ratio compliance for body-worn operations is restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 0.7cm separation between the device, including its antenna and the user's body.

Hearing Aid Compatibility

This telephone system meets FCC standards for Hearing Aid Compatibility.

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FCC NUMBER IS LOCATED ON THE CABINET BOTTOM
REN NUMBER IS LOCATED ON THE CABINET BOTTOM
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Table of Contents

INTRODUCTION

⚠ **CAUTION:** When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

Your Caller ID phone stores and displays specific information, provided by your local telephone company, to subscribers of Caller ID or similar caller identification services.

Your Caller ID phone enables you to:

• Identify callers before you answer the phone.

• View the time and date of each incoming call.

• Record up to 40 Caller ID messages sequentially.

• Know who called while you were away or on the phone.

To get the most from your new phone, we suggest that you take a few minutes right now to read through this user's guide.

IMPORTANT: In order to use all of the Caller ID features of this phone, you must subscribe to either the standard Name/Number Caller ID Service or Call Waiting Caller ID Service. To know who is calling while you are on the phone, you must subscribe to Call Waiting Caller ID Service.

IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out.

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause interference to nearby TVs, microwave ovens, and VCRs. To minimize or prevent 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.

Handset and Base Layout

Fig. 1

Fig. 2

BEFORE YOU BEGIN

PARTS CHECKLIST

Make sure your package includes the items shown here.

Fig. 3   Fig. 4   Fig. 5

Base   **Handset**   **Belt clip**   **AC power supply**   **Telephone line cord**

TELEPHONE JACK REQUIREMENTS

Wall plate

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.

Modular telephone line jack
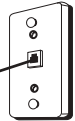
DIGITAL SECURITY SYSTEM

Your cordless phone uses a digital security system to provide protection against false ringing, unauthorized access, and charges to your phone line.

When you place the handset in the base, the unit verifies its security code. After a power outage or battery replacement, you should place the handset in the base for about 20 seconds to reset the code.

INSTALLATION

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch non-insulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Temporarily disconnect any equipment connected to the phone such as faxes, other phones, or modems.

IMPORTANT INSTALLATION GUIDELINES

• Install telephone near both a telephone (modular) jack and an electrical power outlet.

• Avoid sources of noise, such as a window by a busy street, and electrical noise, such motors, microwave ovens, and fluorescent lighting.

• Avoid heat sources, such as heating air ducts, heating appliances, radiators, and direct sunlight.

• Avoid areas of excessive moisture or extremely low temperature.

• Avoid dusty locations.

• Avoid other cordless telephones or personal computers.

INSTALLING THE PHONE

NOTE : The handset can be charged facing up or down.

1. Set the RINGER switch on the handset and Spacemaker® base to **ON**.

2. Place handset in the Spacemaker® cradle.

3. The Spacemaker® base has a retractable AC plug. Pull down the blades and plug the base into an electrical outlet.

4. Plug the power supply into an electrical outlet.

CAUTION: Use only the ATLINKS USA, Inc. 5-2541 power supply that came with this unit. Using other power supplies may damage the unit.

5. Place the handset in the Spacemaker® base.

6. Allow the handset to charge ~~on a flat surface, such as a desk, table or desktop~~, for 16 hours prior to first use ~~and wall mounting~~. If you don't properly charge the phone, battery performance is compromised.

Fig. 6

Fig. 7

Fig. 8

> **NOTE:** DO NOT connect the telephone line to the modular jack until the phone has charged for 16 hours.

7. Plug the telephone line cord into the PHONE LINE jack on the bottom of the base and into a modular jack.

> **NOTE:** The phone automatically defaults to touch-tone dialing. To change to pulse (rotary) dialing, see "Tone/Pulse" If you don't know which type of service you have, check with your local telephone company.

UNDER CABINET MOUNTING

Tools Required:

- Drill and 1/4" Drill Bit
- Nail or Awl
- Screwdriver - Phillips
- Masking Tape

- Ruler or Tape Measure
- Scissors
- Countersink (optional)
- Safety Glasses

Mounting Hardware Packed with Your Unit:

3 - 1/4" Spacers   3 - Washers

3 - 1/2" Spacers   2 - Cord hooks

-----add the line art of cord hooks here -----   Fig. 9

3 - 1" Spacers   1 - Mounting template

Need original art. Has to be exact size if it is going to be put in book. Also need exact measurements (hole spacing)

Fig.10

3 - 2 3/4" Phillips head screws
OR
3 - 1 5/8" Phillips head screws

Before Mounting

Empty the contents of the cabinet under which the unit is to be mounted and thoroughly clean the underside to remove any greasy residue. We recommend the unit be mounted at the front edge of the cabinet.

IMPORTANT: For secure mounting, the screws must go into the unit to a depth of at least 3/8" If the overall length from the bottom of the cabinet shelf to the bottom of the overhang is more than 1 3/4", you will need to use a wood shim. The shim can be located between the cabinet shelf bottom and the spacers. Make sure the wood is at least as thick as the excess over 1 3/4". If a shim is necessary, longer screws (available at most local hardware stores) are required.

Cut out the template on the line indicated. The template size and screw hole positions are identical to the top of the unit.

----add drawing showing how the base gets mounted under the cabinet------

Fig. 11

Fig. 12

MOUNTING PROCEDURE

1. If your cabinet does not have an overhang:

   a) Position the template in the desired location on the underside of the cabinet, flush with the front edge of the cabinet.

   b) Tape the template in place and go to step 2.

  If your cabinet has an overhang:

   a) Measure the thickness of the overhang.

   b) Fold the front of the template downward along the printed guideline closest to the thickness of your cabinet.

   c) Tape folded-down portion to backside of the overhang, and tape the template to the cabinet underside.

> **NOTE:** If your cabinet has glue blocks or other obstructions, cut out corresponding areas on the template to clear them. Do not cut out or cut through the screw holes in the Template.

> ⚠ **CAUTION:** We recommend safety glasses be worn while drilling screw holes to prevent the possibility of eye injury.

2. Drill three 1/4" diameter holes through the underside of the cabinet.

> **TIP:** On wooden cabinets you may want to mark and start the drill holes with a nail or an awl. Be sure to hold the drill very firmly against the cabinet.

Use masking tape above the hole locations on the inside of the cabinet shelf to reduce splintering.

If installing the unit under a wood cabinet, you may want to countersink the drilled hole from the INSIDE of the cabinet. This will eliminate the use of washers and allow the screw head to be flush with the floor of your cabinet. If you cannot countersink the holes, use the supplied washers.

3. Remove the template and drill shavings from inside and underneath the cabinet.

4. If your cabinet doesn't have an overhang, go to step 5.

If your cabinet has an overhang, select the spacer or combination of spacers equal to or longer than the cabinet overhang.

5. Insert screws from the INSIDE of the cabinet. If you did not countersink the drilled holes, position the washers, flat side down, and place the screws in the holes.

If your cabinet does not have an overhang, go to Step 7.

6. Hold the screw heads down while you push the selected spacers onto the screws under the cabinet. Be sure to push spacers until they are firmly against the cabinet bottom and/or fully nested (if more than one is used).

7. Align the unit under the screws. Hold the screw holes on the top of the unit against the mounting screws and partially tighten the screws.

Do not fully tighten until all 3 screws are installed.

8. Extend the cord towards an electrical outlet and secure by using the cord hooks to hold the cord out of the way. For a more attractive appearance, place the cord hooks at the back edge of the cabinet (on or next to wall) directly over the electrical outlet to be used.

To attach cord hooks peel off the adhesive on the back of the hooks and attach to a clean, dry surface on the underside of the cabinet or back wall.

PROGRAMMING THE ~~PHONE~~ Spacemaker

There are ~~five~~ eight programmable menus available: *Language, Area Code, Tone/Pulse Dialing, Contrast* and *Default.*

LANGUAGE

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

2. Press the program/flash button until *SET LANGUAGE* shows in the display.

4. ~~3.~~ Use the CID VOL(+)/CID VOL(-) to select *ENGLISH, FRENCH* or *SPANISH. ENGLISH* is the default.

5. ~~4.~~ Press the program/flash button to store.

6. ~~5.~~ Press the *~~tone~~/exit button to return to standby mode.

AREA CODE

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

. Press the program/flash button until *SET AREA* shows in the display

4. ~~3.~~ Use the CID VOL(+)/CID VOL(-) to select the three digits of your local area code.

5. ~~4.~~ Press the program/flash button to store the selected digit.

6. ~~5.~~ Repeat Step 3 until all 3 digits are selected.

7. ~~6.~~ Press the program/flash button to store.

8. ~~7.~~ Press the *~~tone~~/exit button to return to standby mode.

TONE PULSE

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

. Press the program/flash button until *SET TONE/PULSE* shows in the display

4. ~~3.~~ Use the CID VOL(+)/CID VOL(-) to select *TONE* or *PULSE* dialing. *TONE* dialing is the default.

5. ~~4.~~ Press the program/flash button to store.

6. ~~5.~~ Press the *~~tone~~/exit button to return to standby mode.

SET CONTRAST

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

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2. Press the program/flash button until *SET CONTRAST* shows in the display.

4. Use the CID VOL(+)/CID VOL(-) to select the desired setting.

> **NOTE:** As you scroll through the contrast settings, the display contrast changes accordingly.

5. Press the program/flash button to store.

6. Press the *tone/exit button to return to standby mode.

ANSWERING SYSTEM ON/OFF

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

2. Press the program/flash button until *SET ANSWERER* shows in the display.

4. Use the CID VOL(+)/CID VOL(-) to select *ON* or *OFF*.

5. Press the program/flash button to store.

6. Press the *tone/exit button to return to standby mode.

> **NOTE:** The displays shows *ANS.ON* or *ANS.OFF* to indicate the status of the answering system.

NUMBER OF RINGS

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).

2. Press the program/flash button until *RING TO ANSWER* shows in the display.

4. Use the CID VOL(+)/CID VOL(-) to select *3 , 4, 5* or *6* rings before the answering system answers the call.

5. Press the program/flash button to store.

6. Press the *tone/exit button to return to standby mode.

ANSWERING SYSTEM REMOTE ACCESS SECURITY CODE

1. Make sure the Spacemaker® is **OFF** (in standby mode).

2. Press the program/flash button until *SECURITY CODE* shows in the display.

4. Use the CID VOL(+)/CID VOL(-) to select the three digits of your access code.

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5. Press the program/flash button to store.
6. Repeat Step 3 until the 3 digit security code is selected.
7. Press the program/flash button to store.
8. Press the *tone/exit button to return to standby mode.

DEFAULT SETTING

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).
2. Press the program/flash button until *DEFAULT SETTING* shows in the display.
4. Use the CID VOL(+)/CID VOL(-) to select *NO* or *YES*. *NO* is the default.
5. Press the program/flash button to store.
6. If you select *YES*, the Spacemaker® uses the default values as follows:

SET LANGUAGE	*ENGLISH*
SET AREA CODE	*- - -*
SET TONE PULSE	*TONE*
SET CONTRAST	*1*
ANSWERER ON/ OFF	*ON*
RING TO ANSWER	*5*
SECURITY CODE	*123*

7. Press the EXIT button to return to standby mode.

SETTING THE TIME

1. Make sure the Spacemaker® phone is **OFF** (in standby mode).
2. To set the hour press and hold the hour button for one second. The hour field in the display flashes, and the unit plays back the current hour.
3. Press the hour button again until the correct hour of the day shows in the display.

NOTE: If you do not press a button after two seconds the hour setting is saved and the unit exits the time setting mode.

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5. Press and hold the hour button again for ~~one second and~~ the unit exits the hour mode.

more than two seconds

6. Repeat this process for setting minutes and day, using the minute and day buttons instead.

TELEPHONE OPERATION

RECEIVING A CALL

1. Press the TALK/callback button and begin speaking.

2. When finished, press TALK/callback again ~~and~~ hang up the handset.

MAKING A CALL

1. Press the TALK/callback button.

2. Dial a telephone number.

3. When finished, press TALK/callback again ~~and~~ hang up the handset.

to

REDIAL

While the phone is on, press the redial button to redial the last number you dialed (up to 32 digits). If you get a busy signal, and want to keep dialing the number, just press redial again (you don't have to turn the phone off and back on).

FLASH

Use the flash/program button to activate custom calling services such as call waiting or call transfer, which are available through your local phone company.

> **TIP:** Don't use the TALK/callback button to activate custom calling services such as call waiting, or you'll hang up the phone.

IN USE INDICATOR LIGHT

The in use~~/charge~~ indicator is ~~hen the handset is charging in the base or charge cradle, or~~ when the phone is ON. It flashes when you receive a call or when the page button is pressed.

CHANNEL BUTTON

While talking, you might need to manually change the channel in order to get rid of static. Press and release the channel/delete button to advance to the next channel. The current channel number appears on the left side of the display.

TEMPORARY TONE

This feature enables pulse (rotary) service phone users to access touch-tone services offered by banks, credit card companies, etc., by pressing the *tone/exit button to temporarily make the phone touch-tone compatible. To get information about your bank account, for example, you would:

1. Call the bank's information line.

2. Press the *tone/exit 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 (rotary) service.

EXIT

Press the *tone/exit button to cancel any command you initiated.

FINDING THE HANDSET

This feature helps locate a misplaced handset.

Press the page button on the base. The handset beep continuously for about two minutes or until you press any button on the handset. You may also press page to cancel.

> **NOTE:** The ringer does not have to be ON for this feature to work.

RINGER SWITCH

The ringer switch must be ON for the handset to ring during incoming calls.

VOLUME

While talking, press the volume buttons (left and right arrows) to adjust the listening level of the handset's earpiece. There are four volume levels. Press the right arrow (+) button to increase the volume level, and press the left arrow (-) button to decrease. VOL 1 is the lowest level and VOL 4 is the loudest.

CALL TIMER

While you are talking on the phone, the total talk time is displayed on the bottom line of the display.

Speakerphone Operation

Speakerphone Location

For best speakerphone performance, avoid the following:

- Areas with high background noise. (The microphone might pick up these sounds and prevent the speakerphone from going into the receiving mode when you finish talking.)
- Surfaces affected by vibration.
- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

Speakerphone Use

Note the following guidelines when using the speakerphone:

- The speakerphone works similar to a two-way radio, you can only listen or talk at one time.
- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are talking.
- Press the speaker button to turn on the speakerphone.
- Press the left or right arrow button on the base to adjust the speakerphone listening level. You will hear a tone when you reach the minimum or maximum volume level.

Indicator Light

The speakerphone is ON when the indicator light is turned on.

Speakerphone Volume

You may choose from eight volume levels.

Use the volume up or down arrow buttons to adjust the speaker volume to a comfortable level.

Answering System Operation

This section discusses the buttons and features on the answering machine.

Voice Instructions

If you need additional assistance voice instructions will be announced after turning on the answering machine function.

Recording the Outgoing Announcement

For best results when recording, you should be about 9 inches from the microphone, and eliminate as much background noise as possible.

1. Make sure the Spacemaker® unit is **ON**.

2. Press and hold the announce button. Hold the button down until you finish the announcement.

3. Begin talking after you hear the beep.

4. Release the button after you finish your announcement.

5. If you choose not to record an outgoing announcement, a default announcement will play. To return to the default announcement after you have recorded your own outgoing announcement, press the announce button ~~and release it when you hear the beep~~. and release

Sample Outgoing Announcement

Hi, this is (use your name here), I can't answer the phone right now, so please leave your name, number and a brief message after the tone, and I'll get back to you. Thanks.

Reviewing Announcement

• Press and release the announce button to play your outgoing announcement.

Messages Indicator

The display shows you how many new messages and total messages you have. The message indicator flashes to indicate you have new messages.

Screening Calls from the Base

You can screen incoming calls by waiting for the caller to begin leaving a message (to hear who it is), then pick up the handset, and press TALK/ callback or the SPEAKER button to talk to the caller. The answering machine automatically stops recording when you activate the handset or pick up an extension phone.

> **TIP:** Make sure the volume on the base is set loud enough to hear your incoming calls.

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MESSAGE PLAYBACK

The [image] display lets you know when you have messages. To play messages, press the play/stop button.

While a message is playing, you can do the following:

- Press the play/stop button to stop the message playback.
- Press and release the rev button to restart the current message; continue to press and press again the rev button to go to previous messages.
- Press and release the skip button to go to the next message.
- Press the play/stop button to stop message playback.

ANSWERING SYSTEM MEMORY FULL

When the memory is full, the system answers after 10 rings. You should erase some of the messages so the answering machine can record new messages.

ERASING MESSAGES

Erase messages two ways: one message at a time with the erase button or you may delete all previously played messages with one long press of the erase button.

- To erase a message while its playing, press and release the erase button .
- To erase all previously played messages, press and hold the erase button for 2 seconds until the unit beeps and prompts you that all messages have been erased.

LEAVING A MEMO

Use the memo feature to leave a message.

1. Press and hold the memo button down until you finish the message.
2. Begin speaking after you hear the beep.
3. Release the memo button after you are finished.

REMOTE ACCESS

This section explains remote access: using any touch-tone phone

1. Dial the phone number for the answering machine.

2. After the answering machine answers enter the security code after you hear the tone.

3. Follow the voice menu to use the answering machine's remote functions.

The remote feature enables you to perform the following functions:

PRESS ONE, *TO REVIEW*

PRESS ONE, *TO READ THE PREVIOUS MESSAGE*

PRESS TWO, *TO PLAY MESSAGES, PRESS TWO AGAIN, TO STOP*

PRESS THREE, *TO SKIP*

PRESS FOUR, *TO TURN OFF/ON*

PRESS SEVEN, *TO REVIEW MENU AGAIN*

PRESS ZERO, *WHILE PLAYING A MESSAGE TO ERASE*

No valid dialing tones for 30 seconds will hang up the telephone line.

CALLER ID (CID)

Time   **Date**   **New call**

10:15 AM *11/24* NEW CALL # *25*

1-315-555-1324

SMITH JOHN

Caller ID phone number   **Caller ID name**
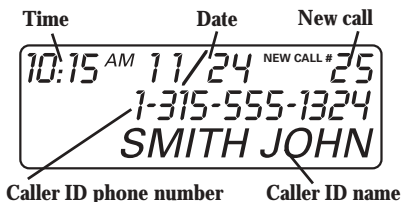
This unit receives and displays information transmitted by your local phone company. This information can include the phone number, date, and time; or the name, phone number, date, and time. The unit can store up to 40 calls for later review.

CALL WAITING CALLER ID

Provided you subscribe to Call Waiting Caller ID service from your phone company, you may see who is calling when you hear the call waiting beep in the receiver. The caller identification information appears in the display after you hear the tone.

• Press the program/flash button to put the current person on hold so that you can answer the incoming call.

> **IMPORTANT:** In order to use the Caller ID functions with this unit, you must subscribe to either the standard Name/Number Caller ID Service or Call Waiting Caller ID Service. To know who is calling while you are on the phone, you must subscribe to Call Waiting Caller ID Service.

Receiving and Storing Calls

When you receive a call, the information is transmitted by the phone company to your Caller ID telephone between the first and second ring.

When the memory is full, a new call automatically replaces the oldest call in memory. *NEW* appears in the display for calls received that have not been reviewed. *REPT* indicates that a new call from the same number was received more than once.

> **NOTE:** Check with your local phone company regarding name service availability.

Reviewing CID Records

As calls are received and stored, the display is updated to let you know how many calls have been received.

• Press the CID VOL(+)/CID VOL(-) button to scroll through the call records from the most recent to the oldest.

• Press the CID VOL(+)/CID VOL(-) button to scroll through the call records from the oldest to the newest.

Transferring CID Records to Memory

You may transfer a Caller ID record to your phone's memory.

> **NOTE:** It is important that you format CID records correctly before storing in memory. It is not possible to re-format CID records stored in memory.

1. Use the CID VOL(+)/CID VOL(-) button to scroll to the desired record.

2. Press the memory button.

3. Press the desired memory location. Example, press the number 1 button to store the record in memory location 1.

To replace a CID record stored in a memory location with a new CID record:

1. Repeat steps 1 through 3.

2. Press the MEMORY button and *REPLACE MEMO?* shows in the display.

3. Press * tone/exit to exit, or press memory again and the new CID record replaces the old CID record in that memory location. You will hear a confirmation tone.

DELETING THE CID RECORD SHOWING IN THE DISPLAY

1. Make sure the phone is **OFF** (not in TALK mode).

2. Use the CID VOL(+)/CID VOL(-)) button to display the desired Caller ID record.

3. Press delete/channel. The display shows *DELETE?*

4. Press delete/channel again to erase the record. You will hear a confirmation tone. The display shows *DELETED*. Then the next Caller ID record shows in the display.

DELETING ALL CID RECORDS

1. Make sure the phone is **OFF** (not in TALK mode).

2. Use the CID VOL(+)/CID VOL(-) button to display any Caller ID record.

3. Press and hold delete/channel button until the unit beeps and *DELETE ALL?* shows in the display.

4. Press delete/channel again to erase all records. You will hear a confirmation tone, and the display shows *NO CALLS*.

DIALING A CID NUMBER

1. Make sure the phone is **OFF** (not in TALK mode).

2. Use the CID VOL(+)/CID VOL(-) button to display the desired Caller ID record.

3. Press TALK/callback button. The number dials automatically.

CHANGING THE CID NUMBER FORMAT

The format button lets you change the format of the displayed CID number. The available formats are as follows.

7-digit   7-digit telephone number.

10-digit   3-digit area code + 7-digit telephone number.

11-digit   long distance code "1" + 3-digit area code + 7-digit
               telephone number.

1. Use the CID VOL(+)/CID VOL(-) button to scroll to the number you want
   to call back.
2. If the number does not dial as shown, press the format button. Repeat
   if necessary, until the correct number of digits are shown.
3. Press TALK/callback button. The number dials automatically.

RADIO OPERATION

AM ANTENNA
A built in antenna is used for AM reception .

FM ANTENNA
The power cord acts as the FM antenna. For best reception, be sure the
power cord is stretched to its fullest length. Do not coil or bunch the cord
together. Changing the position of the power cord may improve
reception.

TURNING ON THE RADIO
Use the radio on/off button to turn the radio on or off.

BAND
Use the FM/AM switch to select which broadcast band you want the radio
to receive.

RADIO VOLUME
Use the volume buttons to adjust the radio volume. The display shows
the current volume setting.

CHANGING STATIONS
Use the ~~tune~~ seek buttons to change the radio station. If you hold down either
button, the radio automatically scans for radio stations.

Storing Preset Stations

When a radio station is tuned in, press and hold the preset button for three seconds, then select the preset number using the skip and rev buttons. Up to five AM and FM radio stations may be stored.

Using Preset Stations

To listen to a PRESET RADIO STATION on the current band, press the preset button to enter the selection mode, followed by the skip or rev button to select a preset station.

Memory

Store up to ten 24-digit numbers in memory for quick dialing. This memory feature is in addition to the 40 Caller ID records that can be stored in the Caller ID memory log.

Storing a Name and Number in Memory

1. Make sure the phone is **OFF** (not in TALK mode).

2. Press the memory button.

3. Press the desired memory location (0 through 9).

4. Press the memory button again. The display shows *ENTER NAME*.

NOTE: If you don't want to enter the name, skip step 6.

5. Use the handset's touch-tone pad to enter a name (up to 15 characters). More than one letter is stored in each number key.

   For example, to enter the name Bill Smith, press the two key twice for the letter B, press the four key three times for the letter I, and press the five key three times for the letter L. After one second, press the five key three times again for the second letter L and press the one key to insert a space between the letter L and S. Press the seven key four times for the letter S, press the six key once for the letter M, press the four key three times for the letter I, press the eight key once for the letter T, and press the four key twice for the letter H.

NOTE: If you enter a wrong letter, press channel/delete button to backspace.

6. Press the memory button to save the name. The display shows *ENTER TEL NUMBR*.

7. Use the touch-tone pad to enter the area code followed by the telephone number you want to store (up to 24 digits).

8. Press memory again to store the number. You will hear a confirmation tone.

CHANGING A STORED NUMBER

1. Repeat steps 1 through 7 in Storing a Name and Number in Memory.

2. Press the memory button and *REPLACE MEMO?* shows in the display.

3. Press *tone/exit to exit, or press the memory button to store the number. You will hear a confirmation tone.

STORING A REDIAL NUMBER

1. Repeat steps 1 through 6 in Storing a Name and Number in Memory.

2. Press the redial button.

3. Press the memory button to store the number. You will hear a confirmation tone.

To replace an old redial number stored in a memory locations with a new redial number:

1. Repeat steps 1 through 6 in Storing a Name and Number in Memory.

2. Press the memory button and *REPLACE MEMO?* shows in the display.

3. Press *tone/exit to exit, or press the memory button again and the new redial number replaces the old redial number in that memory location. You will hear a confirmation tone.

DIALING A STORED NUMBER

1. Make sure the phone is **ON** by pressing the TALK/callback button.

2. Press memory button.

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

- OR -

1. Make sure the phone is **OFF** (not in TALK mode).

2. Press memory button.

3. Use the CID/VOL (-) arrow or CID/VOL (+) arrow button to scroll through the numbers stored in memory until the desired number is shown.

4. Press TALK/callback. The numbers dial automatically.

IMPORTANT: If you make test calls to emergency numbers stored in memory, remain on the line and briefly explain the reason for the call to the dispatcher. Also, it's a good idea to make these calls in off-peak hours, such as early morning or late evening.

INSERTING A PAUSE IN THE DIALING SEQUENCE

When storing information in memory, press the # pause button twice within one second to insert a delay in the dialing sequence of a stored telephone number when a pause is needed to wait for a dial tone (for example after you dial 9 for an outside line, or to wait for a computer access tone). Pause shows on the display as a *"P. "* Each pause counts as 1 digit in the dialing sequence.

REVIEWING AND DELETING STORED NUMBERS

1. Press memory, then use the CID/VOL (-) arrow or CID/VOL (+) arrow button to view the entry.

2. While the entry is displayed, press channel/delete button to delete the entry. The display shows *DELETE?*

3. Press channel/delete again to delete the entry. *DELETED* shows in the display.

CHAIN DIALING FROM MEMORY

Use this feature to make calls which require a sequence of numbers such as using a calling card for a frequently called long distance number. Basically, you dial each part of the sequence from memory. The following example shows how you can use chain dialing to make a call through a long distance service:

The Number For	Memory Location
Long distance access number	7
Authorization code	8
Frequently called long distance number	9

1. Make sure the phone is **ON**.

2. Press memory and then press 7.

3. When you hear the access tone, press memory again and then press 8.

4. At the next access tone, press memory and then 9.

TIP: Wait for the access tones between pressing the memory button, or your call might not go through.

PROGRAMMABLE TIMER

Keep track of baking or cooking times with the built-in, easy-to-read digital display timer. A loud two-minute alarm sounds when countdown time expires.

SETTING THE TIMER

1. Make sure the phone is **OFF** (not in TALK mode).

2. Press the timer button.

3. The unit displays *SET TIMER 00 MIN 00 SEC*, and the first digit (minutes) blinks in the display.

4. Press the desired number 0-9.

5. After the first digit is entered, the second digit blinks.

6. Continue entering digits for the number of seconds you want to set.

NOTE: Maximum timing period is 99 minutes 99 seconds, while one minute equals 60 seconds.

STARTING THE TIMER

When the countdown time is set,

1. Press the timer button to start counting down. You will hear a confirmation tone.

2. When the countdown time expires, *TIMER ON 00 MIN 00 SEC* shows in the display, and an alarm sounds for two minutes.

STOPPING THE TIMER

When the phone is **OFF** (not in TALK mode), press the *tone/exit or timer button to stop the countdown and return to standby mode.

NOTE: The timer stops automatically if the battery charge is low or empty.

Pausing the Timer

Press the timer button to pause the countdown. The remaining time is held. Press timer again to resume the countdown.

Using the Timer with Other Modes

Once the countdown starts, the timer keeps counting down until time runs out and the alarm sounds even if the phone is in other modes. To cancel the timer while in other modes, press *tone/exit or timer. The timer does not show in the display in other modes. To view the remaining time, press the timer button.

TALK Mode

1. Press the timer button to view the remaining time, and press timer again to display the channel number, call counter, and volume level.

   • When the countdown is complete, *TIMER STOP* shows in the display, and an alarm sounds for two minutes.

2. Press the timer button to stop the alarm and display the channel number, call counter, and volume level.

> **NOTE:** To maximize the countdown timer's functionality, ensure the battery is fully charged.

Changing the Battery

Make sure the telephone is **OFF** before you replace battery.

1. Remove the battery compartment door.

2. Disconnect the battery plug from the jack in the handset battery compartment and remove the battery pack.

3. Insert the new battery pack and connect the cord into the jack inside the handset.

4. Put the battery compartment door back on.

5. Place handset in the Spacemaker® to charge. Allow the handset battery to properly charge (for 16 hours) prior to first use or when you install a new battery pack. If you do not properly charge the phone, battery performance will be compromised.

> ⚠ **CAUTION:** To reduce the risk of fire or personal injury, use only the battery 5-2461.

DISPLAY MESSAGES

The following indicators show the status of a message or of the unit.

INCOMPLETE DATA   Caller information has been interrupted during transmission or the phone line is excessively noisy.

ENTER NAME   Prompt telling you to enter the name for one of the 10 memory locations.

ENTER TEL NUMBR   Prompt telling you to enter the telephone number for one of the 10 memory locations.   /spacemaker

PRESS AND HOLD FORMAT KEY   Prompt telling you to re-register the handset to base set.

DELETE?   Prompt asking if you want to erase Caller ID records or one of the 10 numbers stored in the phone's outgoing memory.

DELETE ALL?   Prompt asking if you want to erase all Caller ID records.

DELETED   Prompt confirming the Caller ID /Memory record is erased.

END OF LIST   Indicates that there is no additional information in Caller ID memory.

BLOCKED NUMBER   The callers telephone number is blocked from transmission.

~~HANDSET~~ LINE IN USE   Indicates that ~~another handset~~ the line is in use.

NEW   Indicates call or calls have not been reviewed.

UNKNOWN NAME/ CALLER/NUMBER   The incoming call is from an area not serviced by Caller ID or the information was not sent.

PAGING   Someone has pressed the page button on the base.

BLOCKED CALL   The call information is blocked from transmission.

BLOCKED NAME   The caller's name is blocked from transmission.

REPT   Repeat call message. Indicates that a new call from the same number was received more than once.

NO DATA	No Caller ID information was received.
EMPTY	Indicates a memory location is vacant.
NO CALLS	Indicates no CID records have been stored.
MESSAGE WAITING	Indicates a message is available.

Handset Sound Signals

Signal	Meaning
A long warbling tone (with ringer on)	Signals an incoming call
Two long beeps	Confirmation Tone
One short and one long beep	Page signal
One short beep every seven seconds	Low battery warning

Headset and Belt Clip Operation

Connecting an Optional Headset to the Handset

For hands free conversation, connect the headset (optional) to the HEADSET jack as shown. The handset receiver and microphone are disabled when the headset is connected.

TIP: To order a headset, please refer to the accessory order form at the end of this user's guide.

Adjust the headset to rest comfortably on top of your head and over your ear. Move the microphone to approximately 2 to 3 inches from your mouth.

• Press the TALK/callback button to answer or place a call before using the headset.

Connecting the Belt Clip

There are two slots, one on each side of the handset.

• Attach the belt clip by inserting the sides of the belt clip into the slots. Snap the ends of the belt clip into place.

TROUBLESHOOTING TIPS

CALLER ID

No Display

- Check or replace the handset batteries.
- Make sure the unit is connected to a non-switched electrical outlet. Disconnect the unit from the plug and plug it in again.
- You must subscribe to Caller ID service from your local telephone company to receive CID information.

Caller ID Error Message

- The unit displays this message if it detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates the presence of noise on the line.

TELEPHONE

No dial tone

- Check or repeat installation steps:

  Make sure power cords are connected to working electrical outlets.

  Make sure the telephone line cord is connected to the telephone line jacks (base and wall).

- Disconnect the base from the wall telephone jack and connect another phone to the same jack. If there is no dial tone in the second phone, the problem might be your wiring or local service.

- Handset may be out of range of base. Move closer to base.

- Make sure the battery is properly charged (16 hours).

- Make sure the battery pack is correctly installed.

- Did the handset beep when you pressed the TALK/callback button? Did the display indicator turn on? The battery may need to be charged.

Dial tone is OK, but can't dial out

- Make sure the tone/pulse setting is programmed correctly.

Handset does not ring

- Make sure the ringer switch on the handset is turned to ON.
- You may have too many extension phones on your line. Try unplugging some phones.
- See solutions for "No dial tone."

In use/charge indicator on the base flashes

- Provided your phone company offers voice messaging service and you subscribe to it, the in use/charge indicator on the base flashes when the phone is not in use to indicate there is a message waiting. It stops flashing after the message is reviewed.

Handset Loses Registration ID

- If the handset becomes unregistered, messages in the handset display prompt you to re-register the handset to the base to restore the registration ID.
- If registration is not successful, disconnect the base power supply and re-connect it after a few seconds to reset the unit.

You experience static, noise, or fading in and out

- Change channels
- Handset may be out of range of base. Move closer to base.
- Relocate the base.
- Charge the battery.
- Make sure base is not plugged into an outlet with another household appliance.

Unit beeps

- Place handset in base for 20 seconds to reset the security code. If that doesn't work, charge battery for 16 hours.
- See solutions for "No dial tone."
- Replace battery.

Memory Dialing

- Did you program the memory location keys correctly?
- Did you follow proper dialing sequence?
- Make sure the tone/pulse setting is programmed correctly.
- Did you reprogram numbers into memory after power outage or battery replacement?

SERVICE

If trouble is experienced with this equipment, for repair or warranty information, please contact customer service at **1-800-448-0329**. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This product may be serviced only by the manufacturer or its authorized service agents. Changes or modifications not expressly approved by ATLINKS USA, Inc. could void the user's authority to operate this product. For instructions on how to obtain service, refer to the warranty included in this guide or call customer service at **1-800-448-0329**.

Or refer inquiries to:
ATLINKS USA, Inc.
Manager, Consumer Relations
P O Box 1976
Indianapolis, IN 46206

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase date _____

Name of store _____

LIMITED WARRANTY

What your warranty covers:
• Defects in materials or workmanship.

For how long after your purchase:
• One year, from date of purchase.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:
• Provide you with a new or, at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

How you get service:
• Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.

• "Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period, must be presented to obtain warranty service." For rental firms, proof of first rental is also required. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

> **ATLINKS USA, Inc.**
> **c/o Thomson**
> **11721 B Alameda Ave.**
> **Socorro, Texas 79927**

• Pay any charges billed to you by the Exchange Center for service not covered by the warranty.

• Insure your shipment for loss or damage. ATLINKS accepts no liability in case of damage or loss.

• A new or refurbished unit will be shipped to you freight prepaid.

What your warranty *does not* cover:
• Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. Any additional information, should be obtained from your dealer.)

• Installation and setup service adjustments.

• Batteries.

• Damage from misuse or neglect.

• Products which have been modified or incorporated into other products.

• Products purchased or serviced outside the USA.

• Acts of nature, such as but not limited to lightning damage.

Product Registration:
• Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:
• THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY ATLINKS USA, INC., ITS AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

• REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. ATLINKS USA, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to this warranty:
• Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you.

• This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:
• This warranty does not apply. Contact your dealer for warranty information.

Index

Accessory Order Form

DESCRIPTION	CATALOG NUMBER		PRICE*	QUANTITY	TOTAL
	BLACK	WHITE			
Belt clip	5-2557	5-2556	$10.85		
Headset	5-2588	5-2587	$36.35		
Replacement battery	5-2461	5-2461	$9.95		
AC power supply	5-2541	5-2576	$24.95		
Charge cradle	5-2602	5-2599	$XX.XX		

To order, call **1-800-338-0376** (for accessories only) or complete this order form.

For credit card purchases

Your complete charge card number, its expiration date and your signature are necessary to process all charge card orders.

Copy your complete account number from your **VISA** card.

My card expires:

Copy your complete account number from your
Master Card or Discover.

Copy the number above your name on the **Master Card.**

My card expires:

_____

Authorized Signature

*Prices are subject to change without notice.

Total Merchandise...................................... $ _____

Sales Tax.. $ _____

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent.

Use VISA or Master Card or Discover preferably. Money order or or check must be in U.S. currency only. No COD or Cash. All accessories are subject to availability. Where applicable, we will ship a superseding model.

Shipping/Handling........................ $ **$5.00**

Total Amount Enclosed.................. $ _____

Mail order form and money order or check (in U.S. currency) made payable to Thomson to:

**Thomson
Mail Order Department
P.O. Box 8419
Ronks, PA 17573-8419**

Name _____

Address _____ Apt. _____

City _____ State _____ ZIP _____

Daytime Phone Number (_____) _____

Please make sure that this form has been filled out completely.