SBC373
2-LINE MULTI-HANDSET CORDLESS SYSTEM

2.4 GHz Digital DSS

Caller ID/Call Waiting Type 2 and Call Waiting ID Options

Owner's Manual
Installation and
Operating Instructions

Please read this manual carefully before use. Keep for your reference.

CALLER ID / CALLER ID CALL WAITING / CALL WAITING ID OPTIONS COMPATIBLE
Caller ID, Caller ID Call Waiting, and/or Call Waiting ID Options Services, where available, are SBC's services. After subscribing to Caller ID, Caller ID Call Waiting and/or Call Waiting ID Options Services, this phone will display caller/Caller Waiting party's name and phone number, and the accessing soft keys of the Call Waiting ID Options service.

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IMPORTANT INFORMATION

Important Safety Instructions:

To reduce the risk of fire, electric shock and/or injury to persons, always follow these basic safety precautions when using your telephone equipment.

1. Read, understand, and follow all instructions.

2. Unplug this telephone from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. If necessary, use a soft cloth lightly moistened with a mild detergent solution.

3. Do not use this telephone near a bathtub, kitchen sink, wash bowl, laundry tub, swimming pool, a wet basement or anywhere else there is water or liquid.

4. Do not place this telephone on an unstable cart, stand or table. A fall could cause serious damage to the phone.

5. Slots and openings in the cabinet at the back or bottom are provided for ventilation to protect the unit from overheating. These openings must not be blocked or covered. Do not place this telephone on a bed, sofa, rug or other similar surface. This telephone should never be placed near or over a radiator or heat register. This telephone should not be placed in a built-in installation unless proper ventilation is provided.

6. Never push objects of any kind through slots in the phone. They could 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 telephone.

7. Unplug this telephone from the wall outlet and refer to a qualified service representative in any of the following situations:-
   a) If liquid has been spilled into the telephone.
   b) If the telephone has been exposed to rain or water.
   c) If the telephone does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the telephone to normal operation.
   d) If the telephone has been dropped or the case has been damaged.
   e) If the telephone exhibits a distinct change in performance.

8. Do not use the telephone to report a gas leak in the vicinity of the leak.

9. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

10. Never install jacks in a wet location unless the jack is specifically designed for wet locations.

11. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

12. Use with caution when installing or modifying telephone lines.

13. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman 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.

14. CAUTION
    RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
    Sanyo Energy (Hong Kong) Co., Ltd, 3KR-600AAL, NiCd 3.6V, 600mAh
    DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

15. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in fire. They may explode. Check with local codes for possible special disposal instructions.

16. Plug the adaptor to the socket-outlet that near the equipment and shall be easily accessible.

⚠ **Use only with Class 2 Power Source, 9V DC, 1000mA for base unit**

SAVE THESE INSTRUCTIONS

IMPORTANT INFORMATION

SPECIAL FEATURES

Your new 2-Line Multi-handset Cordless System is designed and engineered to exacting standards for reliability, long life, and outstanding performance.

Note:

Charge all of the batteries for at least 15 hours prior to initial use. SEE PAGE 15 FOR DETAILS!

- Truly 2-Line cordless system, both lines can be operated simultaneously
- 2.4 GHz Digital DSS Cordless Phone
- Multiple handsets capability, supports up to 8 handsets
- 3 Way Conference call between Line 1 and Line 2
- 3 Way Conference call between a handset, the base unit and an external line
- Two-way intercom between 2 handsets or between base and handset
- Handset-to-Handset FRS-like two-way intercom independent of the base unit.
- Handsfree speakerphone on handset
- Handsfree speakerphone on base unit, giving the base unit complete functionality of another handset
- Dedicated keys on the base unit: Redial / Flash / Line1 Speakerphone / Line2 Speakerphone / Intercom / Conference / Mute / Directory / Voicemail / Shortcut to Optional Features Dial
- Caller ID Type I, II and Call Waiting ID Options capability
- Voice Announce Caller ID
- Backlit 7-Line Multi-Function LCD on both the handset and the base unit
- Five Softkeys on both handset and base unit to access different functions depending on which mode the phone is currently in.
- Handset and base unit Volume Control
- New Call/Voice Mail Message Waiting Indicator on both handset and base unit
- Out of Range indication
- Non-volatile memory for 50 Name and Number Caller ID Records, 50 Name and Number Phone Book Directory Records, and 20 Last Dialed numbers.
- English/Spanish Intelligent LCD Display
- Spare Battery Capability
- Data Port
- 2.5 mm Headset Jack

IMPORTANT INFORMATION

Check to be sure the following items come with the phone. If there is anything missing or visible damage, contact the original place of purchase. Do not attempt to operate the system if it is damaged.

- Base Unit
- Two Handsets with Belt Clips
- One Recharge Cradle
- Three Battery Packs
- One Long Telephone Line Cord
- One Short Telephone Line Cord for Wall Mounting
- One 4-wire Long Telephone Line Cord
- One AC Adapter
- One Wall-Mounting Bracket
- Two Owner's Manuals

CHOOSE THE BEST LOCATION

Calls are transmitted between the base unit and the handset, or between handset & handset, by using wireless radio waves. For maximum distance and noise-free operation, here are some important guidelines you should consider:

1. The location should be close to both a phone jack and a continuous power outlet which is not switch controlled.
2. Keep the base and the handset away from sources of electrical noise such as TV, personal computer, or another cordless phone.
3. In a HIGH and CENTRAL location with no obstructions such as walls.
4. The base can be placed on a desk, tabletop or mounted on wall.

Note:

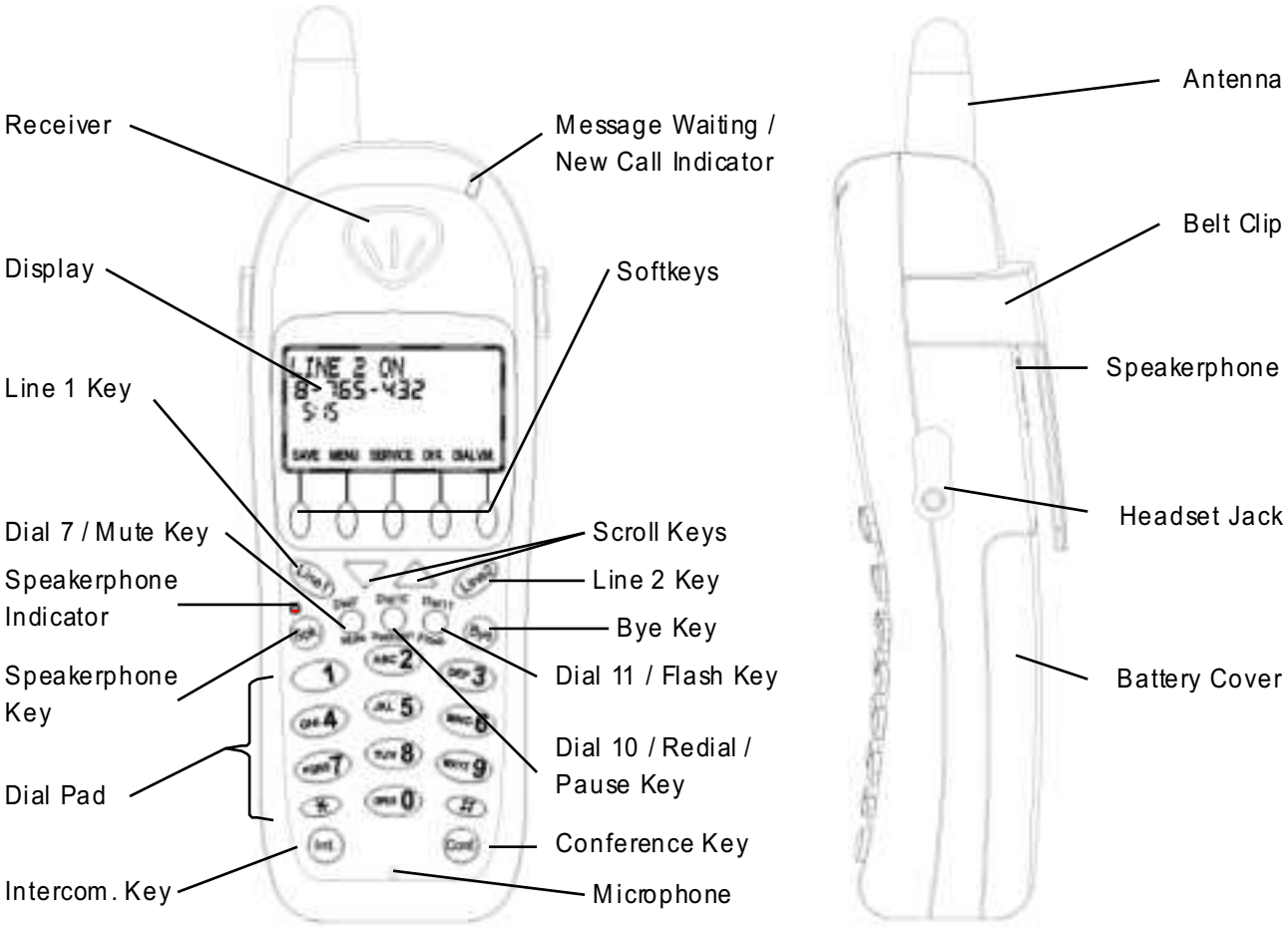
While using the handset:

If you are near a microwave oven which is being used, noise may be heard from the receiver or the speaker. Move away from the microwave oven and closer to the base unit.

If more than one cordless phone is being used and your handset is near another cordless phone's base unit, noise may be heard. Move away from other cordless phone's base unit and closer to your base unit.

LOCATION OF CONTROLS

Handset



Message Waiting /New Call Indicator
(a) Flash rapidly when ringing.
(b) Flash regularly if you have message in your voicemail or new Caller ID in Call Log.
(c) Light when the handset is in use.

Speakerphone Indicator
Light when speakerphone is in use.

Headset Jack
The headset jack allows the use of a headset with a standard 2.5mm plug.

Line 1 / Line 2 Key
Allow you to access the telephone line.

Scroll Keys [▼] / [▲]
(a) While on a call, press [▼] / [▲] to adjust the volume.
(b) During standby, press [▼] / [▲] to scroll through Menu options; access Caller ID Records, Phonebook Directory Records and Redial List.

Speakerphone Key [Spk.]
Press to turn on the handsfree speakerphone and dial the number on the display. You are still required to press [Bye] to end your call.

Bye key
To end a call

Dial 7 / Mute Key
(a) While reviewing the Call ID Record, press [Dial 7] and then a LINE key to Call Back in 7-digit format.
(b) While on a call, press [Mute] to mute the microphone for privacy.

Dial 10 / Redial / Pause Key
(a) While reviewing the Call ID Record, press [Dial 10] and then a LINE key to Call Back in 10-digit format.
(b) While off-hook, press [Redial] to recall and dial the last phone number dialed.
(c) While on-hook, press [Redial] to access the Redial List. Using [▼] or [▲] to select the desired number and press a LINE key or [Spk.] to dial it.
(d) Press the key during Pre-dial or Phone book directory number entry will enter a 3-second pause into a dialing sequence, indicated by "**P**".

Dial 11 / Flash Key
(a) While reviewing the Call ID Record, press [Dial 11] and then a LINE key to Call Back in 11-digit format.
(b) The [Flash] key is used to access telephone company services such as Call Waiting.

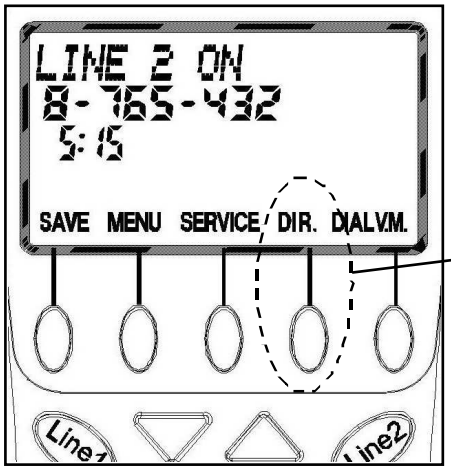
Dial Pad
The numeric keys are used in the conventional manner for dialling.

Intercom Key [Int.]
During standby, press the key to activate the intercom function between handsets or between handset and base unit, answer a paging call, or terminate an intercom call. While on a line, press the key to transfer the call to a particular handset or the base.

Conference Key [Conf.]
Press to start conference call between Line 1 and Line 2.

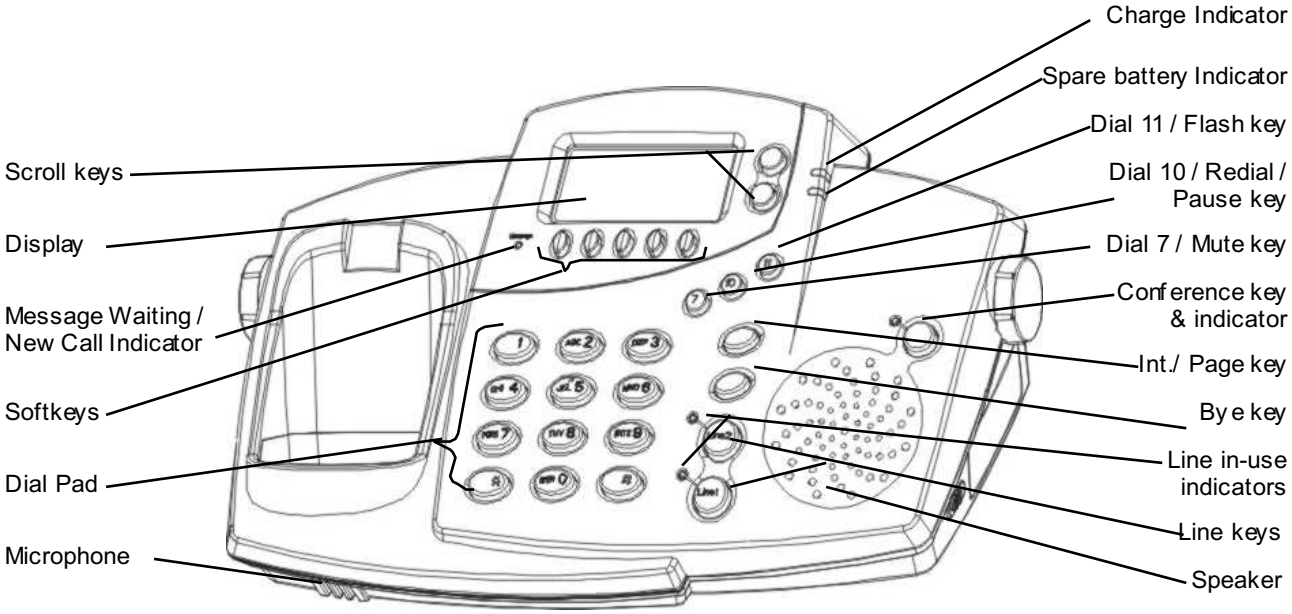
5 Softkeys
These softkeys are used to select functions displayed directly above the keys. Functions displayed above the keys will change depending on the mode of operation.

For example, on the display below, [SAVE], [MENU], [SERVICE], [DIR.] & [DIAL V.M.] are displayed above the sofkeys. To operate the phone book directory, press the second softkey from the right-hand-side.



e.g.
Press this softkey will enter into phone book directory

Base Unit



Message Waiting / New Call Indicator
Flash when there is/are message(s) in your voicemail or new Caller ID in Call Log.

Line 1 in-use Indicator
(a) Light when Line 1 is in use.
(b) Flash when Line 1 is on hold or there is an incoming call in line 1.

Line 2 in-use Indicator
(a) Light when Line 2 is in use.
(b) Flash when Line 2 is on hold or there is an incoming call in line 2.

Conference Indicator
Light when 2 Lines are engaged in conference call.

Charge Indicator
Light when handset is on the cradle and being charged.

Spare Battery Indicator
Light when the spare battery is in the charging compartment.

Dial Pad
The numeric keys are used in the conventional manner for dialling.

Line 1 Key
Press to turn on the speakerphone and make or answer call on Line 1.

Line 2 Key
Press to turn on the speakerphone and make or answer call on Line 2.

Scroll Keys [▼] / [▲]

(a) While on a call, press [▼] / [▲] to adjust the volume.
(b) During standby, press [▼] / [▲] to scroll through Menu; access Caller ID Records, Phonebook Directory Records and Redial List.

Dial 7 / Mute Key

(a) While reviewing the Caller ID Record, press [Dial 7] and then a LINE key to Call Back in 7-digit format.
(b) While off-hook, press [Mute] to mute the microphone for privacy.

Dial 10 / Redial / Pause Key

(a) While reviewing the Caller ID Record, press [Dial 10] and then a LINE key to Call Back in 10-digit format.
(b) While off-hook, press [Redial] to recall and dial the last number dialed.
(c) While on-hook, press [Redial] to access the Redial List. Using [▼] / [▲] scroll keys to select the desired number and press [Line1] or [Line2] to dial it.
(d) Press the key during Pre-dial or Phone book directory number entry to insert a 3-second pause into the dialing sequence, indicated by "**P**".

Dial 11 / Flash Key

(a) While reviewing the Caller ID Record, press [Dial 11] and then a LINE key to Call Back in 11-digit format.
(b) The [Flash] key is used to access telephone company services such as Call Waiting.

Intercom / Page Key [Int./Page]

(a) During standby, press the [Int./Page] key to page handset (1-8, ∗ or # for all handsets) or activate the intercom function between base and handset, answer or terminate an intercom call.
(b) While on an external line, press the [Int./Page] key to transfer the call to a particular handset.

Conference Key

Press to start conference call between Line 1 and Line 2.

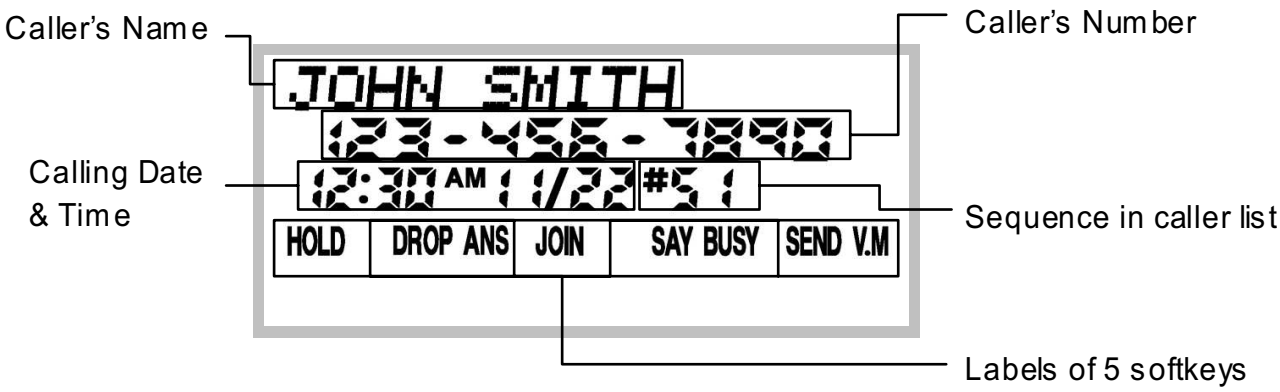
Bye key

To end a call

5 Softkeys

Depending on the mode of operation, the corresponding functions of the 5 Softkeys are displayed on the screen. Please refer to the figure on page 7 for detailed descriptions.

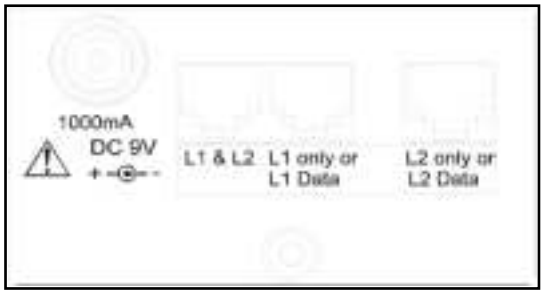
LCD DISPLAY



Backlit LCD Display
Both the handset and the base unit have the backlit LCD display. It will light when you start using the handset or the base unit, or when a call is received. The display light will stay on for a few seconds after pressing a button or lifting the handset off the base unit.

Backlit Keypad
The numeric keys will light when you press a key or when a call is received. The light will stay on for a few seconds after pressing a key or answering a call.

DATA PORT



You can connect a communication device (like computer, modem, fax machine, answering machine, and etc) through this unit using the DATA jacks at the bottom of the base unit.

You could choose to connect the communication device to Line 1 or Line 2 with the jacks labeled "L1 Data" or "L2 Data" respectively. However, if you have 2 telephone lines occupied the jacks "L1 only" and "L2 only". Then your communication device can only be connected to Line 1 via the jack labeled "L1 & L2". **SEE PAGE 16 FOR DETIALS OF TELEPHONE LINE(S) CONNECTION**

Note: Make sure the data device is not in use prior to using your phone or else the data device may not be operated properly. While data transmission is in progress, use of the same line on your SBC373 or a Call Waiting ID alert may interrupt the transmission.

QUICK REFERENCE

	Task	Steps	Page
1	Adjust receiver / Speakerphone volume	The handset and the base unit have 4 volume levels adjustable during off hook. Press [▼] / [▲] to adjust during a call.	30
2	Making a call	1. Press [Line1] or [Line2] or [Spk.] on the handset or press [Line1] or [Line2] on the base unit and listen for a dial tone. * (**[Line1] or [Line2]** will be collectively referred as **a LINE key** throughout this manual) 2. Dial number (For memory dial feature, see related reference.) 3. To hang up, press [Bye] on the handset or base unit or return the handset to charge cradle.	28
3	Answering a call	**Auto-answer** is the default mode setting of the phone: If the handset is on the charge cradle, just lift the handset and the line is automatically connected. If the phone is set to **Manual-answer** mode, or whenever the handset is not on the charge cradle, to answer a call: 1. Press a **LINE** key or [Spk.] on the handset or press a **LINE** key on the base unit corresponding to the line number flashing on the display to pick up a call 2. To hang up, press [Bye] on the handset or base unit or return the handset to charge cradle.	29
4	Last number redial	1. Press a **LINE** key and listen for dial tone. 2. Press [Redial] to dial the last dialed number.	29

QUICK REFERENCE

	Task	Steps	Page
5	Dial from the Redial List	1. Press [Redial]. 2. Use [▼] / [▲] scroll keys to access desired number from the list of up to 20 last dialed numbers. 3. Press a **LINE** key to dial the number.	30
6	Review Caller List	Use [▼] / [▲] scroll keys to review caller's information during standby mode.	36
7	Call back a number in Caller List	1. Scroll to a desired record in Caller List. 2. If the number displayed is not in the desired dialing pattern, press [Dial7], [Dial10] or [Dial11] to select the number of digits to dial first. 3. Press a **LINE** key to dial the number.	37
8	Store Caller ID number into Phone Book Directory	1. Scroll to the desired Caller ID number. 2. Press [SAVE] softkey to store the number into Phone Book Directory.	36
9	Manually add a new number into Phone Book Directory	1. Press [DIR.] softkey. 2. Press [SAVE] softkey and then key-in the number. 3. Press [O.K.] softkey and key-in the name. 4. Press [SAVE] softkey to store.	41
10	Dial from Phone Book Directory	1. Press [DIR.] softkey. 2. Use [▼] / [▲] scroll keys to find the desired directory record. 3. If the number displayed is not in the desired dialing pattern, press [Dial7], [Dial10] or [Dial11] to select the number of digits to dial first. 4. Press a desired **LINE** key to dial the number	45
11	Switch to a waiting call	Press [Flash] to put the talking party on hold and talk to the waiting party. If Call Waiting ID OPTION is subscribed, more options are available.	32 39

QUICK REFERENCE

	Task	Steps	Page
12	Page from base to handset(s)	1. Press [Int./Page]. 2. Press the desired handset number [1] to [8] or [∗] / [#] for all handsets. 3. To terminate the paging, press [EXIT] softkey or [Int./Page] or [Bye] key.	31
13	Intercom call between two handsets	1. Press [Int.]. 2. Press the desired handset number. 3. To terminate the paging, press [EXIT] softkey or [Int./Page] or [Bye] key.	46
14	Intercom call from a handset to the base unit	1. Press [Int.] 2. Press [0] to access the base unit. 3. To terminate the paging, press [EXIT] softkey or [Int./Page] or [Bye] key.	46
15	Call Transfer	1. Press [Int.] on handset or [Int./Page] on base unit while engaging in an external line. 2. Press the desired handset number or press [0] for the base unit. 3. Press corresponding **LINE** key on handset or on the base unit to take back the call at any point, or the call will be returned to you if it is not answered within 20 seconds.	47
16	Truly 2-line conference call	1. While making or answering a call on Line1 or Line2 2. Press [HOLD] softkey either on the handset or the base unit to put the call on hold 3. Make or answer a second call on the other line 4. After the second call is connected, press [Conf.] / [Conference] to add the first caller into the conference call 5. To end the conference call, press a LINE key to retain the party on that line and drop the other one, or just press [Bye] to end both lines.	35

GETTING STARTED

Your new telephone includes the highest quality NiCd (Nickel Cadmium) batteries available. Following these simple instructions can significantly improve your operational results.

CHARGING THE BATTERY PACK

Charge all battery packs for at least 15 hours prior to connecting to the telephone line.

**** AFTER INITIAL CHARGE: To enhance battery life and telephone performance, completely charge and then completely discharge the batteries before returning the handsets to the charging cradle. This will extend your battery life allowing longer talk-time and stand-by.**

1. Press the battery release point on the back of the handset and slide downward to open the battery compartment.
2. Insert the battery pack into the battery compartment and make sure to position according to polarity markings.
3. Slide the battery cover upward until it snaps into place.
4. Connect the AC adapter to the 9V DC jack of the base unit and to a standard 120V AC wall outlet.
5. Place the handset on the base unit. Make sure the Charge LED on the base unit lights, and charging begins.

Low Battery

When the battery power is low, the battery icon on the right of the display will be on and the handset beeps intermittently while it is in use. If you DO NOT recharge the handset battery, will be on for certain period, and then "LOW BATTERY" is displayed. If the handset is left un-recharged, "BACK TO CHARGER" will be displayed and the handset does not function when you press the keys.

Clean the Battery Contacts

To maintain a good charge, it is important to clean all battery contacts on the handset and the base unit with a soft, dry cloth about once a month. Use a pencil eraser or other contact cleaner. **Do not use any liquids or solvents.**

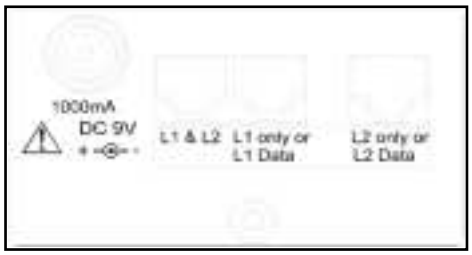
Caution:

1. Use ONLY with SBC373 AC Adapter (AC 120V, DC9V, 1000mA).
2. The AC adapter must remain connected at all times (It is normal for the adapter to feel warm during in use).
3. Do not remove the battery from the handset to charge it.
4. Never throw the battery into a fire, disassemble it, or heat it.
5. Do not remove or damage the battery casing.
6. If you do not expect to use your phone for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.
7. For the longest battery life and optimal operation of the phone system ALWAYS completely charge and discharge the batteries. 3 batteries have been included to allow you to keep 1 battery continually charging for use in a low battery condition.

GETTING STARTED

CONNECTING THE BASE UNIT

Connecting Telephone line cord(s)



Your SBC373 2-Line phone will operate no matter whether you connect 1 or 2 telephone lines. If you have **2 Lines** coming out of a **Single Wall Jack**, connect a 4-wire (RJ-14) modular phone cord between the wall jack and the phone jack labeled **L1 & L2.** If you have **2 lines** coming out of **Separate Wall Jacks**, connect 2 phone cords with 2 wires from each wall jack to the phone jack labeled **L1 only or L1 Data** & **L2 only or L2 Data**.

If you would like to connect to **1 line only**, connect a cord with 2 wires to either **L1 only or L1 Data** or **L2 only or L2 Data**.

Connecting Power Supply

1. Plug the AC adapter into the 9V DC jack on the base and the other end into a standard 120V AC wall outlet.
2. Press the cords in the slot on the housing to prevent the cords from pulling loose.
3. Set the base unit on a tabletop and then place the handset on the base unit.

Note:

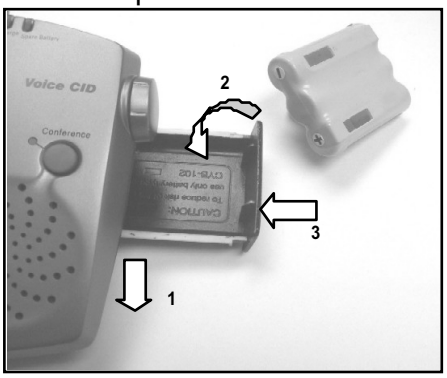
1. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
2. Connect the AC adapter to a continuous power outlet.
3. Plug the adaptor to the socket-outlet that near the equipment and shall be easily accessible.

Tip:

If your telephone outlet is not modular, contact your telephone company for assistance.

SPARE / BACK UP BATTERY

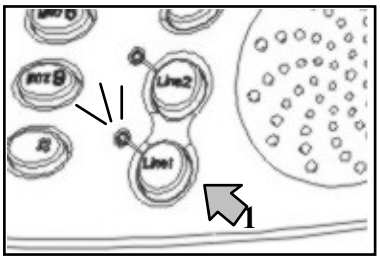
The extra battery will enable the phone function normally during an electrical outage. You can also use the spare battery pack to replace a drained handset battery to ensure uninterrupted use.



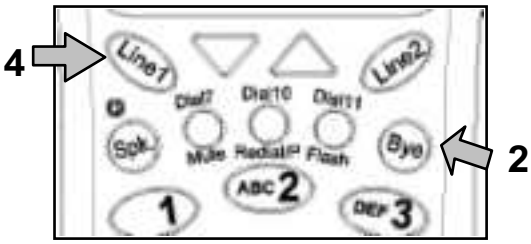
1. Open the spare battery compartment by pressing the release button on the right side of the base unit.
2. Place a battery pack in the drawer with the charge contacts facing up and to the left.
3. Close the drawer. Make sure the Spare Battery LED lights, and charging begins.
4. The LED lights until the battery is removed from the compartment.

Changing drained handset battery in the middle of a call

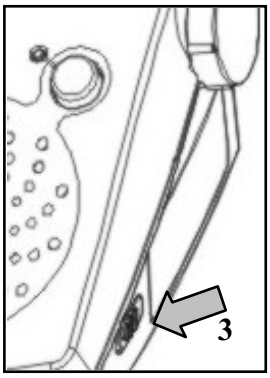
When the handset displays “LOW BATTERY” or “RETURN TO BASE” in the middle of a telephone call, you can swap the call to the base unit speakerphone first and then change the handset battery following these simple steps:



1. Press the **LINE** key with the In-use indicator lit on the base unit. The call is then transferred to a 3-way call conference between the handset, the base unit and the external party.



2. Press the [Bye] key on the handset; the call will be totally swapped from the handset to the base unit speakerphone.



3. Take out the spare battery from the base unit battery compartment and replace it to the handset.
4. Press the **LINE** key (the in-use line) on the handset and press the [Bye] key on the base unit to swap the call back to the handset.

Note: Make sure the drained battery is put in the base unit battery compartment to be re-charged.

REGISTRATION & DE-REGISTRATION OF HANDSET

The first registered handset will be automatically assigned as HS-1 to the base unit. When additional handsets are registered to the system, they will be assigned extension numbers in the following sequence: HS-2, HS-3, and up to HS-8.

On the Base Unit:

Press [MENU] and “REGISTRATION” appears on the display.

Press [O.K.] and “WAITING REGISTER” is displayed.

You are now ready to register your handset.

Note: The base unit will return to standby mode if no handset registration takes place within 25 seconds.

On the Handset:

```
  NO NEW CALL
HS_
10:00AM  1/01

SAVE SERVICE  MENU  DIR.  DIAL V.M.
```

After the handset is charged, remove it from the base unit or charge cradle. "HS_ _" is displayed

```
REGISTRATION  ↓
HS_ _

          O.K.  EXIT
```

Press [MENU] and "REGISTRATION" appears on the display.

```
ADD A HANDSET?  ↓

          O.K.  EXIT
```

Press [O.K.] and select "ADD A HANDSET?". Press [O.K.] to register and "CONNECTING" is displayed for 1 to 2 seconds.

```
REG OK NEW ID=1
```

If the handset displays "REG OK NEW ID=1", the connection with the base unit is established.
If the handset displays "NO CONNECTION", repeat the previous steps.

```
  NO NEW CALL
HS-1
10:00AM  1/01

SAVE SERVICE  MENU  DIR.  DIAL V.M.
```

The handset will return to "REGISTRATION" after 2 seconds. Press [EXIT] to end the registration.

De-register a handset

If you want to de-register a registered handset from the base unit, get the base unit into REGISTRATION menu and displays "WAITING REGISTER" first. (see page 17).

On the Handset:

```
REGISTRATION  ↓
HS - 2

          O.K.  EXIT
```

Press [MENU] and "REGISTRATION" appears on the display.

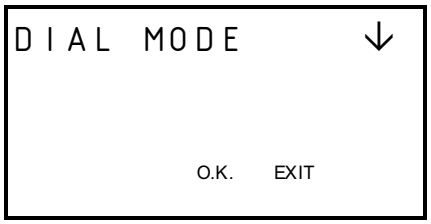
Press [OK] to enter Registration menu.
Using [▼] / [▲] to select "DEL HANDSET?".
Press [O.K.] to de-register and "CONNECTING ..." then "UNREGISTERED' is displayed for 1 to 2 seconds.

If the handset displays "REGISTRATION" and "HS_ _", the handset is disconnected from the base unit.
If the handset displays "NO CONNECTION", repeat the previous steps.

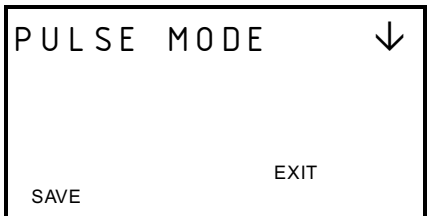
CHOOSE THE DIALING MODE

If your home is equipped with a touchtone dialing system, the phone will be ready to use as soon as the battery is charged. If you have a pulse (rotary) dialing system, you will need to set the dialing mode as follows:

Press [MENU] and "REGISTRATION" appears on the display.



Using [▼] / [▲] to access "DIAL MODE".



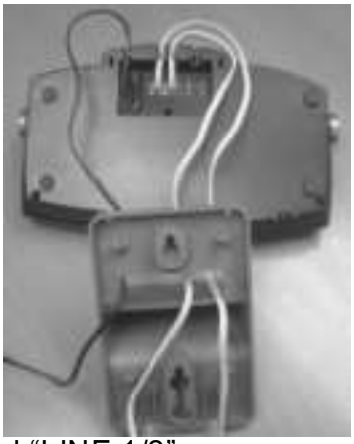
Press [OK] to enter Dial mode menu.
Using [▼] / [▲] to select "PULSE MODE".

Press [SAVE] to confirm.
The display will return to "DIAL MODE", press [EXIT] to return to standby.

You are now ready to use your new telephone

WALLMOUNTING BASE UNIT

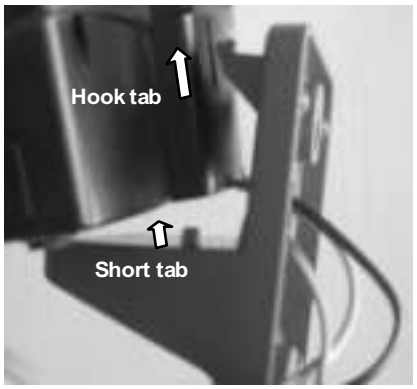
The base unit can be mounted on a wall phone plate by using the supplied wall-mounting bracket.



1. Bring the barrel plug of the AC adapter through the rectangular opening of the wall-mounting bracket.

2. Plug the adapter's barrels plug into the jack marked "1000mA DC 9V" at the bottom of the base unit and press the cord in the slot above the jack.

3. If your premise is equipped with **2 Lines** coming out of a **Single Wall Jack**:
   Bring the telephone line cord with RJ-14 plug (you can see 4 wires in the plug) through the rectangular opening of the wall-mounting bracket and plug it into the jack marked "LINE 1/2".
   If your premise has **2 Lines**, each coming out of **Separate Wall Jacks**:
   Bring the telephone line cords with RJ-11 plug (you can see 2 wires in the plug) through the rectangular opening of the wall-mounting bracket and plug them into the jack marked "LINE 1/2" and "LINE 2" separately.
   If your premise has only **1 Line** coming out of a wall plate:
   Take the short telephone line cord and plug it into the jack marked" LINE 1/2".



4. Insert 2 hook-tabs and 2 short tabs of the wall-mounting bracket into the slots at the back and bottom of the base unit simultaneously.

5. Press the wall-mounting bracket against the base unit until they are resting on each other firmly.

6. Hold the base unit up next to the wall jack and plug in the line cord, any loose line cord can be hid inside the wall-mounting bracket.

7. Place the base unit on the posts of the wall plate and push down until the unit is secured firmly.

8. Plug the AC adapter into a standard wall outlet.

Note: If you are not using a standard wall plate to mount the phone on wall, you may also mount it with ordinary screws. Insert 2 screws with vertical separation of $3\,^{3}/_{16}$ or $3\,^{15}/_{16}$ inches and leave the screws $^{1}/_{8}$ inch from the wall. Make sure the screw heads are not bigger than $^{5}/_{16}$ inch.

Please charge all the batteries for at least 15 hours prior to initial use.

MENU SETTINGS

The phone offers an extensive range of functions which are grouped in menus. You can customize your phone by pressing the Menu key and using [▼] / [▲] scroll keys to scroll through the options.

First level menu	Second level menu	Remarks
REGISTRATION	ADD A HANDSET? DEL HANDSET? DEL ALL HANDSETS?	Register or de-register handsets
DIAL MODE	TONE MODE PULSE MODE	The default is TONE mode
LANGUAGE	ENGLISH? ESPANOL?	The default is English
RINGER VOLUME	LEVEL: 00 - 08	Ringer is OFF when level is set to 00
ANSWER MODE	AUTO MODE MANUAL MODE	Only available in handset menu. The default is Auto
CONTRAST	LEVEL: 0 - 8	The default is 5
CW ID OPTION	OPTION IS ON OPTION IS OFF	The default if ON
PBX MODE	L1 PBX PREFIX:_ L2 PBX PREFIX:_	
NEW CALL LAMP	NEW CALL LAMP ON NEW CALL LAMP OFF	The default is OFF
AUDIBLE CALLER ID	AUDIBLE NAME AUDIBLE NUMBER	Only available in Base unit menu. 5 levels (0-4), default of audible name is level 3 audible number is level 0
SET DATE / TIME	ENTER DATE / TIME:	
LAST CALL TIMER		
▼		
DELETE MESSAGE		This only available when there is new or unread message in your voice mail.

MENU SETTINGS

STRUCTURE AND OPTIONS

The menu settings have two levels. There are twelve items on the handset and on the base unit respectively in the first level and the number of items in the second level depends on the first level menu.

Note: The settings are independent on the base unit and each handset.

MENU FUNCTIONS

Registration

You must first set the base unit to registration mode prior to adding or deleting handsets. Simply press [MENU] on the base unit to select "Registration" then press [O.K.] to confirm. **(refer to page 17)** The base unit will return to standby mode if no handset registration takes place within 25 seconds.

To add a handset to a desired base

```
REGISTRATION  ↓
HS_ _

        O.K.   EXIT
```

Press [MENU] on the handset during standby.
Using [▼] / [▲] to select "REGISTRATION".
Press [O.K.] to enter into the selection.

```
ADD A HANDSET?  ↓

        O.K.   EXIT
```

In the second level, using [▼] / [▲] to access "ADD A HANDSET?"
Follow the steps of REGISTRATION OF HANDSET in GETTING STARTED.

Note: If a new base is selected, the original registration will be replaced by the new registration.

To delete a handset from the base

```
DEL HANDSET?  ↓

        O.K.   EXIT
```

In the second level, using [▼] / [▲] to select "DEL HANDSET?".
Press [O.K.] to de-register the handset.

```
UNREGISTERED!
```

"UNREGISTERED!" appears on the display to confirm handset de-registration. The handset returns to "REGISTRATION" after 2 seconds. Press [EXIT] to return and "HS_ _" is displayed.

To delete all handsets from the base

DEL ALL HANDSET ↓ O.K. EXIT	In the second level, using [▼] / [▲] to select “DEL ALL HANDSET”. Press [O.K.] to de-register all handsets from the base.
DEL ALL HS OK!	“DEL ALL HS OK!” appears on the display to confirm global de-registration. The handset returns to “REGISTRATION” after 2 seconds. Press [EXIT] to return and “HS_ _” is displayed.

Note: In case of registration failure or “REG FAIL ID FULL” is displayed when registering, simply delete all handsets from the base and restart the registration of handsets.

Dial Mode

DIAL MODE ↓ O.K. EXIT	Press [MENU]. Using [▼] / [▲] to select “DIAL MODE”. Press [O.K.] to enter into the selection.
TONE MODE ↓ EXIT SAVE	Using [▼] / [▲] to select the desired dial mode, then press [SAVE] to confirm. Press [EXIT] to return to stand-by.

Language

LANGUAGE ↓ O.K. EXIT	Press [MENU]. Using [▼] / [▲] to select “LANGUAGE”. Press [O.K.] to enter into the selection.

ENGLISH? ↓

EXIT

SAVE

Using [▼] / [▲] to select the desired language, then press [SAVE] to confirm. Press [EXIT] to return to stand-by.

Ringer Volume

RINGER VOLUME ↓

O.K. EXIT

Press [MENU].
Using [▼] / [▲] to access “RINGER VOLUME”.

LEVEL:06 ↓

EXIT

SAVE

Press [O.K.] to enter and the current ringer volume will be displayed.

LEVEL:00 ↓

EXIT

SAVE

Using [▼] / [▲] to adjust ringer volume. The ringer will be ringed with the corresponding volume level as shown in the LCD display for a few seconds. Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

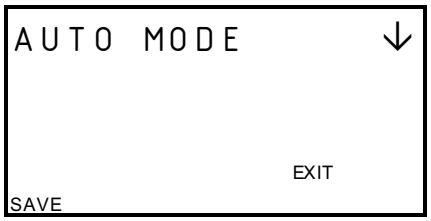
Note: There are (00 - 08) nine levels of ringer volume. If the ringer volume is off, the handset will display the icon and the LED will blink while receiving a call. The handset will ring ONLY with intercom call from base unit or other handsets.

Answer Mode (Only available in handset menu)

ANSWER MODE ↓

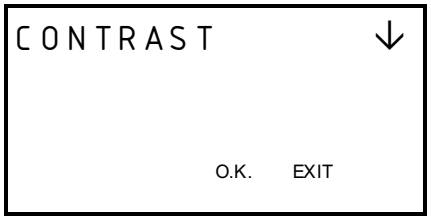
O.K. EXIT

Press [MENU].
Using [▼] / [▲] to select “ANSWER MODE”.
Press [O.K.] to enter into the selection.

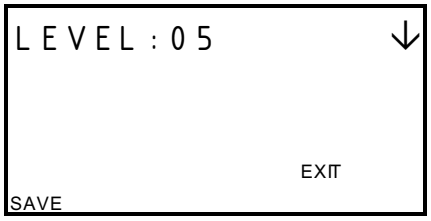


Using [▼] / [▲] to select “AUTO MODE” or “MANUAL MODE”.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

Contrast

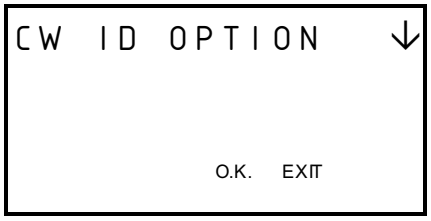


Press [MENU].
Using [▼] / [▲] to access “CONTRAST”.
Press [O.K.] to enter into the selection.



Using [▼] / [▲] to adjust the contrast level.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

Call Waiting ID Options



Press [MENU].
Using [▼] / [▲] to access “CW ID OPTION”.
Press [O.K.] to enter into the selection.

Using [▼] / [▲] to switch the Call Waiting ID Options ON or OFF.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

PBX Mode

If you are using a PBX (Private Branch Exchange) telephone system, you may be required to dial an external access code, such as [8] or [9], prior to reaching an outside line. Follow the steps below and enter that code in the PBX PREFIX field. This code will then be added to all stored numbers upon dialing.

Press [MENU].
Using [▼] / [▲] to access “PBX MODE”.
Press [O.K.] to enter into the selection.

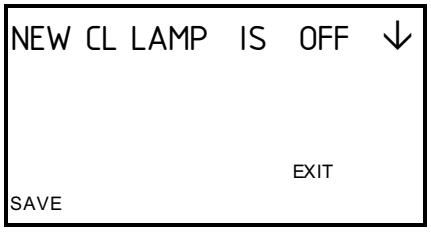
Using [▼] / [▲] to select “L1 PBX Prefix” or “L2 PBX Prefix”.
Enter the code using numeric keys “0 - 9”.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

Note: The phone will automatically screen all Pre-dial numbers prior to dialing if PBX Prefix is set. Enter the access code and the phone number you wish to dial, the phone will automatically insert a ‘pause’ after the first digit when dialing the number. On the contrary, if the first digit is not the access code, the system will classify it as an internal call and dial the displayed number only.

New Call Lamp

The **Message Waiting Indicator / New Call Lamp** will flash when there is new or unread Caller ID in call log if the lamp is switched on.

Press [MENU].
Using [▼] / [▲] to access “NEW CALL LAMP”.
Press [O.K.] to enter into the selection.



Using [▼] / [▲] to switch the New Call Lamp ON or OFF.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

Audible Caller ID (Only available in base unit menu)

```
AUDIBLE CID ↓

          O.K.   EXIT
```

Press [MENU].
Using [▼] / [▲] to access "AUDIBLE CID".
Press [O.K.] to enter into the selection.

```
AUDIBLE NAME:2 ↓

          EXIT
SAVE
```

Voice Announce Caller Name (Audible Name)
Using [▼] / [▲] to access "AUDIBLE NAME :". The default volume level for Audible Name is "3". Press [0] - [4] to adjust the voice announcement to your desired volume level. Press [SAVE] to confirm and then press [EXIT] to return to stand-by.

```
AUDIBLE NUM:0 ↓
OFF

          EXIT
SAVE
```

Voice Announce Caller Number (Audible Number)
Using [▼] / [▲] to access "AUDIBLE NUM :" The default level for Audible Number is "0". Press [0] - [4] to adjust the announcement to your desired volume level. Press [SAVE] to confirm and then press [EXIT] to return to stand-by.

Note: When the volume level is set to "0", the corresponding announcement is disabled. The phone will cease to make audible announcement(s).

Time and Date Setting

```
SET DATE/TIME ↓

10:05AM 05/03

          O.K.   EXIT
```

Press [MENU].
Using [▼] / [▲] to select "SET DATE/TIME".
Press [O.K.] to enter into the selection.

```
ENTER DATE/TIME:

10:05AM 03/25

          O.K.   EXIT
SAVE
```

Using [▼] / [▲] to adjust time and date. Press [O.K.] to move thru. Hour (12^{AM} – 11_{PM}), Minute, Month and Date.
Press [SAVE] to confirm, and then press [EXIT] to return to stand-by.

Last Call Timer

```
LAST CALL TIMER↓
00-06-25

                EXIT
```

Press [MENU].
Using [▼] / [▲] to display "LAST CALL TIMER".
You can check the duration of last call.
Press [EXIT] to return to stand-by.

Message Waiting Lamp

```
 2 NEW MESSAGES
HS-1
10:05AM 05/03

SAVE SERVICE MENU DIR. DIAL V.M.
```

This mode is available only when there is new or non-read message in your voicemail.

```
DELETE MESSAGE?

          O.K.  EXIT
```

Press [MENU].
Using [▼] / [▲] to access "DELETE MESSAGE?"

```
DELETE L1 MESSAGE

          O.K.  EXIT
```

Press [O.K] to enter into the selection.
Using [▼] / [▲] to access "DELETE L1 MESSAGE?" or "DELETE L2 MESSAGE" as desired.
Press [O.K.] to delete all messages of the line.
The message waiting lamp will cease flashing when messages from both lines are cleared.

MAKING A CALL

Direct Dial from Handset

```
L1  ON

          HOLD

   SERVICE        DIR.   DIAL V.M.
```

Press a LINE key and listen for the dial tone. The "In-Use" indicator of the selected line on the base unit will be turned ON. Line number will appear on the handset display.

Note: If the selected line is engaged by another Handset, "L1 BUSY USE L2?" will appear on the display and the handset will return to stand-by in a few seconds.
If the selected line is engaged by the base unit, the phone will enter into Conference Call. (See page 34)

— OR —

```
L1  ON

          HOLD

   SERVICE        DIR.   DIAL V.M.
```

Press [Spk.] and listen for the dial tone. The Speakerphone indicator on the handset and the "Line 1 In-Use" indicator on the base unit will be turned ON. "L1 ON" will appear on the handset display.

Note:
If both lines are idle, pressing [Spk.] will activate Line 1. If you want to access Line 2, press [Line 2] first and then press [Spk.]
If Line 1 is engaged by another handset, "L1 BUSY" will appear on the display for a while and Line 2 will be activated.
If Line 1 is engaged by the base unit, the phone will enter into Conference Call.

```
L1  ON
            1234567
00:01
          HOLD
3WAY
   SERVICE
```

With a dial tone, dial the phone number. The phone number will be shown on the display along with the call timer.
Press [Bye] to end your call.

Direct Dial from Base Unit

```
SPEAKER      LINE1

          HOLD

   SERVICE        DIR.   DIAL V.M.
```

Press an available LINE key and listen for the dial tone. The "In-Use" indicator of the selected line on the base unit will be turned ON. "SPEAKER" and "Line number" will appear on the base unit display.
Dial the phone number.

Note: Pressing a line engaged by a handset will enter into **Conference Call**.

Pre-dial

Pre-dial allows you to key-in the phone number and verifies it before dialing.

```
1234568

                O.K.   EXIT   DELETE
SAVE
```

Dial the phone number.
To edit the number on the display, press [DELETE] to clear the last digit. To clear the entire number, press [EXIT].

```
L1  ON
                1234568
00:01
              HOLD
3WAY
      SERVICE
```

Press [Spk.] on the handset or a LINE key on the handset or base unit to dial the number. The call timer will start counting.
Press [Bye] on the handset or [Bye] on the base unit to end your call.

Note: If one line is engaged by the handset, pre-dial with another line on the Base Unit cannot be used. Only direct dial is possible.

ANSWERING A CALL

From the Handset

```
L1  ON
                1234568
00:01
              HOLD
3WAY
      SERVICE
```

Press the appropriate **LINE** key as displayed, or [Spk.] to answer. If the phone is set to **Auto Answer mode** and the handset is on the charging cradle, you can answer a call by lifting the handset off the base unit, or the charging cradle, without pressing any key.

To end the call, press [Bye].

From the Base Unit

Press the appropriate **LINE** key to answer. To end the call, press [Bye].

Note: Two calls can be handled simultaneously on separate telephone lines by the handset and the base unit, or by two handsets.

TO REDIAL A CALL

Directly Redial Last Dialed Number

```
L1  ON

              HOLD

      SERVICE        DIR.   DIAL V.M.
```

Press a **LINE** key / [Spk.] on the handset or a **LINE** key on the base unit and listen for the dial tone.

```
L1 ON
                1234568
00:01
              HOLD
3WAY
      SERVICE
```

Press [Redial] to dial the last dialed number.

Dial from the Redial List

The Redial List stores up to 20 latest dialed phone numbers, each one can be up to 32 digits. Numbers longer than 32 digits will be truncated with the first 32 digits remaining. Each handset or base unit stores its own Redial List.

```
REDIAL      ↓=VIEW


                EXIT
```

In Standby Mode, press [Redial] once to access the redial list. Press [▼] to view the latest 20 dialed numbers.

```
REDIAL LIST
1234568


              O.K.   EXIT   DELETE
SAVE
```

Scroll to the desired number, and press a **LINE** key to dial the number.

Note: You may delete an individual record from the Redial List or enter the record to the Phone book directory. Scroll to the number you want. Press [DELETE] once and "DELETED!" is displayed to confirm the deletion, or press [SAVE] and "SAVED TO DIR!" is displayed to confirm the entry.

ADJUSTING HANDSET RECEIVER VOLUME

There are 4 receiver levels in handset. It can be adjusted by pressing [▼] / [▲] during talk mode or intercom mode. (Also apply to headset)

Note: The volume will return to level "3" after the call if it is adjusted to level "4". If the volume is set to "1" to "3", the level will remain unchanged after the call.

TO MUTE A CALL

```
L1 MUTE
                1234568
00:11
              HOLD
3WAY
      SERVICE
```

While on a call, press [MUTE] to turn OFF the microphone. The display will show "MUTE" and the other party will not hear you. Press [MUTE] again to resume conversation and the "MUTE " on the display will disappear.

USING HANDSET SPEAKERPHONE
While on a call, press [Spk.] to turn the speakerphone ON and OFF.
The Speakerphone Light comes ON when the speakerphone is in use.

INSTALLING AND USING HEADSET
Whenever a compatible 2.5mm headset is plug-in the jack located at the side of the handset, either before or during a call, the audio signal will be diverted to the headset. Unplug the headset from the jack will return the signal to handset earpiece and microphone immediately.

PAGING FROM BASE UNIT TO HANDSET
To locate the handset(s) while not on the base unit, press [Int./Page] on the base unit and "EXTENSION #:?" will appear on the screen. Press handset number 1-8 ([*] / [#] for all handsets) and the paged handset(s) in the range will display "PAGING FROM BASE", and simultaneously emit alert signal that is different from others, e.g. incoming call.
To stop a paging call, press [Int./Page] again or press [EXIT] on the handset or on the base unit. If no handset answers, the paging call will automatically stop after 30 seconds.

Note: The handset being paged will ring even if the ringer is set to OFF.

FLASH

Call Waiting

1. Use [Flash] for accessing Call Waiting service. For example, if you receive a second call during your initial call, press [Flash] to swap to the waiting call and put the initial caller on hold.
2. After you finish the conversation with the second caller, press [Flash] to return to the first caller.

Note: If you also have conference Calling service, press [Flash] to allow the first caller enter into a conference call.

PAUSE

The [Pause] key allows you to add a 3-second pause in a phone number sequence during pre-dialing or storing number in the Phone Book Directory.

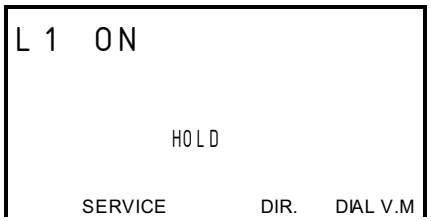
Enter a Pause in Dialing Sequence

To add a pause, press [Redial/P] at the desired position when you are creating or editing a phone number and " P " appears on the display. For a longer delay, press [Pause] additional times.

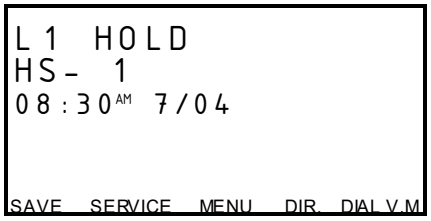
Note: Remember, the phone number you wish to store cannot have more than 32 digits, including any pause. Each " **P** " counts as one digit.

HOLD

A call can be put on hold during conversation to allow you to make a separate phone call using the other line or to be picked up by another handset.



When engaging an external line on the handset, press [HOLD] softkey.



When the line is on hold, "L1 HOLD" is appeared on the handset display. The Line in use indicator in the base unit will keep flashing

Note : The call can be picked up by the base unit or any handset registered to the same base unit by pressing the corresponding **LINE** key..

SENDING TONE SIGNALS IN PULSE DIALING MODE

If your telephone line uses pulse dialing (such as for a rotary dial phone), you can temporarily override the Pulse Mode setting with the Tone Mode until the unit goes back on-hook. This may be necessary to access certain special services such as bank-by-phone services:

1. Use pulse dialing to call the service.
2. When the service answers, press [∗].
3. Follow the normal procedure for the special service you are using. Any additional numbers you dial are sent as tone signals.
4. When you hang up, the telephone returns to pulse mode.

Note: The temporary tone can be saved in memory and can be executed in normal dialing, redialing or Directory dialing.

DIAL VOICE MAIL

If you have subscribed to the Voice Mail and Message Waiting Indicator services, you can access your voice mail system by pressing [DIAL V.M.]. To use this feature, you must first program your voicemail access number (your telephone number) into the handset and base unit.

Program your own Voicemail access number

```
DIAL VOICE MAIL
-----------

     EDIT          EXIT
```

Press the softkey [DIAL V.M.].
Press the softkey [EDIT], you will then be prompted to "ENTER NUMBER :".

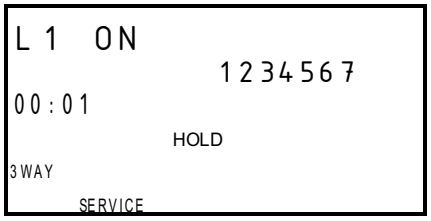
```
ENTER NUMBER:
1234567_

                EXIT   DELETE
SAVE
```

Enter your telephone number. If you make a mistake, press [DELETE] to erase the last digit and re-enter.
Press [SAVE] to confirm programming.
You are now ready to use the **Dial voicemail** key.

Using DIAL V.M. softkey

```
DIAL VOICE MAIL
1234567

     EDIT          EXIT
```

Press the softkey [DIAL V.M.]. Your 7-digit access number will be displayed.



Press a **LINE** key to dial. Follow the voice prompt after the line is connected.

Tip: You can also program your dial voicemail key to allow 1-touch access by the following these simple steps:

1. Press the softkey [DIAL V.M.].
2. Press the softkey [EDIT] to allow you to enter your number.
3. Enter your 7-digit telephone number then press the [Redial/Pause] key twice to insert a long pause.
4. Press the [∗] button to enter your mailbox then press [Redial/Pause] to enter another pause.
5. Enter your 4-digit PIN then press [Redial/Pause] to program another pause.
6. Press [1] to access your messages and then press [SAVE] softkey to save your entries.

Important Note:

1. Beware anyone could view your voice mail PIN by pressing your [DIAL V.M.] softkey.
2. Voice mail systems operate differently and may require additional pauses to be entered.

DIAL BACK FROM CALLER ID LIST

See Call Back from Caller ID List in CALLER ID OPERATION for details.

DAILING FROM PHONE BOOK DIRECTORY

In standby mode, press [DIR.] softkey and then using [▼] / [▲] scroll through the memory contents in alphabetical order to the name and number you want. Press [O.K.] softkey to call the number.

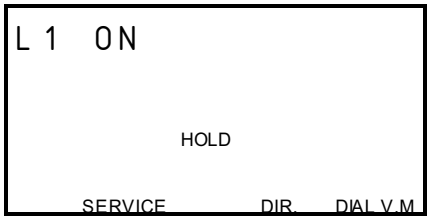
Tip: To quickly find a name and phone number, press [DIR.] softkey in standby mode. Key in the first letter of the name, and scroll to the name you want.

CONFERENCE CALL

Your new 2-line cordless system supports conference calls up to 4 parties :

- 1 handset, the base unit and 1 external call ;
- 1 handset and/or the base unit and 2 external calls on a single line ;
- 1 handset and/or the base unit and 2 external calls on different lines;

Handset and base unit conference call

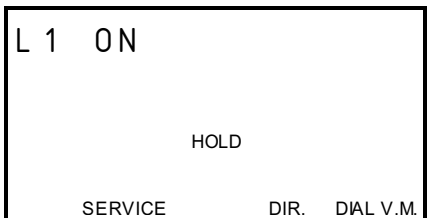


When engaging an external line on the handset, press the Line key with the in use indicator lit on the base unit to enter a conference call.

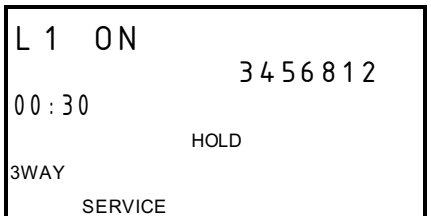
"CONFERENCE" (or CONF in handset), Line number and engaged handset numbers (0 stands for base unit) appear on the displays.
Press [Bye] on the base unit or on the handset will only end that party from the call. To end the call, make sure all parties have disconnected from the line.

Note:
This phone system can allow you to conference or intercom by using the handset and base simultaneously. If the handset is operated too close to the base unit, you may experience feedback noise. Should this occur, move the handset away from the base unit and the feedback will stop.

Single line conference call (3 Way calling)



While on a call, press [3WAY] softkey to access 3 Way Calling service. The system will dial out a long Flash to put the initial call on hold and obtain a new dial tone to make a second call.



Key in the phone number of the second party. After the private conversation with the second caller, press [3WAY] softkey to add the first caller into the conference call.

Note: When the handset is engaged in 3-way conference call, press the **LINE** key of the in-use line on the base unit to join the conference call. When the 3-way conference call is initiated from the base unit, pressing the handset **LINE** key of the in-use line can also join the 3-way conference call.

2 Line conference call

```
L1 HOLD
HS- 1
08:30AM 7/04

SAVE  SERVICE  MENU  DIR.  DIAL V.M.
```

While on a call, press [HOLD] softkey to put the call on hold.

```
L1 HOLD L2 ON
            3456812
00:35
            HOLD
3WAY
      SERVICE.
```

Press [Line 2] to obtain a new dial tone to make a second call using Line 2.
Key in the phone number of the second party.

```
CONF: ▟1
L1-L2
```

After your private conversation with the second caller, press [Conf.] to add the caller on Line 1 into the conference call.

```
CONF: ▟1▟0
L1-L2
```

Press [Line 1] or [Line 2] on the base unit to join the conference call.

Note: Press any **LINE** key again to end the conference but maintain both calls separately on the handset and the base unit, e.g. Press [Line1] on handset will keep Line 1 with handset and transfer line 2 to base unit.
To end both calls, press [Bye] key on the handset **and** the base unit.

CALLER ID OPERATION

ABOUT CALLER IDENTIFICATION

This telephone supports Caller ID service and Call Waiting ID Option service provided by your local telephone company. There is a fee for this service, and it may not be available in all areas. This phone can provide information only if both you and the caller are in areas offering Caller ID service, and if both telephone companies use compatible equipment. Depending on your service, you will be able to see the number, or the name and number of your caller.

```
JOHN SMITH          L2
123-123-4568
11:00AM  1/01 #50  X1

              O.K.   EXIT  DELETE
SAVE
```

If you have subscribed the Caller ID service, the incoming call information including name (if available), number and the calling line, time and date will be shown on the display. The phone will also save the call information in the Caller ID List.

CALLER LIST

The Caller List is your incoming call history. When a new Caller ID record arrives, it is assigned a number from #01 to #50. The most recent record will have the lowest number. When the Caller List is full, the oldest record is deleted to make room for new record, and all the record numbers are shifted one number higher.

Memory Match

Names stored in Phone Book Directory will override Caller Name signal sent from the telephone company. For example, if you store your parents' telephone number with their nickname, "MOM AND DAD", in memory, the Caller ID display will show "MOM AND DAD" whenever you receive an incoming call from their phone number.

Review Caller List

```
50 CALLS ↓=VIEW

              EXIT  DELETE
```

Press [▼] / [▲] during standby mode.

```
JOHN SMITH          L2
123-123-4568
10:00AM  1/01 #01  X1

              O.K.   EXIT  DELETE
SAVE
```

Press [▼] to show the latest record.
While reviewing the Caller List, press [SAVE] softkey to copy the displayed record into the Phone Book Directory.

Delete Record(s) from Caller List

```
50 CALLS ↓=VIEW

                EXIT   DELETE
```

To delete all Caller ID records:
Press [▼] / [▲] during standby mode to enter into Caller List default page.
Press [DELETE] softkey and "DELETE ALL?" is displayed, then press [O.K.] softkey to confirm deletion.

```
JOHN SMITH          L2
123-123-4568
10:00AM  1/01 #01   X1

            O.K.   EXIT   DELETE
SAVE
```

To delete an individual Caller ID record:
While reviewing the Caller List, press [DELETE] softkey to erase the displayed record from the list.

Call Back from Caller List

Your phone is equipped with three Caller ID Call Back keys, which allow you to dial a Caller ID record in the correct format.

```
JOHN SMITH          L2
123-123-4568
10:00AM  1/01 #01  X1

            O.K.   EXIT   DELETE
SAVE
```

While you are reviewing the Call List, you can dial a displayed number in the correct format by pressing [Dial 7], [Dial 10] or [Dial 11] key, then press a LINE key to dial.

```
L1 ON
                1234568
00:05

3WAY
            SERVICE
```

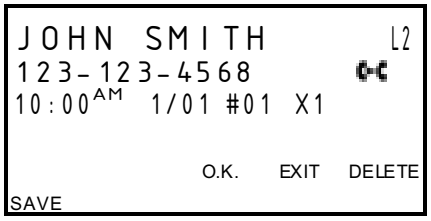
For instance, if a 10-digit phone number is displayed and you want to call back in a 7-digit format, you can simply press [Dial 7] then a LINE key to dial only the last seven digits of the number.

Note:
[Dial 7]: Dials only the last seven digits of the number you are calling, i.e. without an area code.
[Dial 10]: Dials all 10 digits on the display, i.e. 3 digits of area code plus 7 digits of phone number.
[Dial 11]: Dials all 10 digits on the display plus a "1" automatically inserted before the area code.

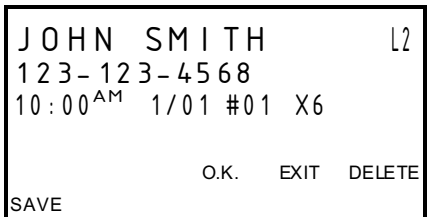
Special Call Display

```
JOHN SMITH          L2
123-123-4568        LDC
10:00AM  1/01 #01  X1

            O.K.   EXIT   DELETE
SAVE
```

Long Distance Call
When a long distance call is received, the [LDC] icon will appear on the screen with the call information.



Forwarded Call
If the call was forwarded from another number through the call forwarding service provided by the telephone company, the icon will appear on the screen with the call information.



Repeated Call
If a call is received from the same phone number more than once, the number of times repeated will be shown on the display. For example, “x6” appears after the date indicated the same number has been received six times.

Call Display Messages
When a new Caller ID record arrives with incomplete call information, the following call display messages will be shown. The messages may accompany, if available, an actual name or an actual number.
1. “PRIVATE NAME” – The other party is blocking name information.
2. “PRIVATE NUM” – The other party is blocking telephone number information.
3. “UNKNOWN NAME” – Caller’s name is not available.
4. “UNKNOWN NUM ” – Caller’s number is not available.

The situations for call display messages may include, but not limited to, the following reasons:
1. The Caller ID was blocked for privacy reasons.
2. The call originates from an area office or a long-distance service provider that dose not support Caller ID service.
3. The call is made with a calling card.
4. The call is an operator-assisted call.

VOICE ANNOUNCE CALLER ID
Your phone can announce a caller’s name or number through the speaker in the base unit. You don’t even have to look at the display to know who is calling.

You can record in your own voice a 3-second message, such as “John Smith” or “It’s Mom and Dad”, to associate with caller number in your phone book directory (see Recording Voice Announce Name section in PHONE BOOK DIRECTORY for details). When you receive a call from a number matching one stored in your directory, the base unit will say the recorded name instead of the telephone number to help identify calls.

The default setting for Voice Announce Caller Name is ON at sound level 3 and Voice Announce Caller Number is OFF. The current settings provide you the convenience that once your message is recorded the Voice Announce Caller Name will be in effect immediately. To change the settings, please see Audible Caller ID section in MANUAL SETTINGS section (Page 26) for details.
If you activated the Voice Announce Caller Number, “Blocked Call” will be emitted to alert you the incoming call from anonymous/private caller who have blocked his/her number, and “Unknown Call” will be emitted when UNKNOWN NUMBER is received.

CALL WAITING ID OPTIONS

If you have subscribed the Call Waiting and Call Waiting ID Options from your local telephone company, you will hear a Call Waiting tone when a new call comes in while you are talking. You can either swap between calls or dispose of the call.

Call Waiting ID Options Set to OFF

```
JOHN SMITH          L2
123-123-4568
10:00AM  1/01       X1
      ANS
```

If there is an incoming call during a conversation, the Caller ID Call Waiting information appears on the display. Press [ANS] softkey to answer the Call Waiting party and put the first call on hold.

```
L2  ON
                    F
00:05
            HOLD
3WAY
      SERVICE
```

You can also press [Flash] to switch between calls.

Call Waiting ID Options Set to ON

```
JOHN SMITH          L2
123-123-4568
10:00AM  1/01       X1
JOIN  DROP ANS  HOLD  SAY BUSY  SEND V.M.
```

If there is an incoming call during a conversation, all the five labels for Call Waiting ID Option features will be automatically shown at the display.

```
L2  ON

00:05
            HOLD
3WAY
      SERVICE
```

When you hear the Call Waiting tone, press the corresponding softkey to apply a disposition to the call.

Note:
You must disposition the call within 26 seconds of the Call Waiting tone. The following options are available.

[JOIN]: Add the waiting call to your first call.
[DROP ANS]: End the first call and answer the waiting call.
[HOLD]: Place the waiting call on hold and send a hold announcement.
[SAY BUSY]: Play a pre-recorded message from your phone company that the line is busy and end the waiting call.
[SEND V.M.]: Forward the waiting call to your voice mail or answering service.

Tip: Call Waiting ID Options may not be available in all areas. Contact your local telephone company for details.

Call Waiting ID Option: JOIN

```
JOHN SMITH          L1
123-123-4568
10:00AM  1/01       X1
    DROP
```

If [JOIN] softkey is pressed, “CONFERENCE” will be displayed for a short while and then the waiting party is being added to the original call as a 3-parties conference call.

After the 3-parties conference call, you may select to drop a line and retain the other:

```
DROPPED #1

00:05

3WAY
      SERVICE
```

- To drop the first caller (the original call), press [DROP] softkey and “DROPPED #1” will be displayed.
- To drop the second caller (the waiting call), press [Flash] and “DROPPED #2” will be displayed.

Call Waiting ID Option: HOLD

```
JOHN SMITH          L1
123-123-4568
10:00AM  1/01       X1
JOIN  DROP
```

If [HOLD] softkey is pressed, “HOLD” will be displayed for a short while and then a hold announcement will be sent and put the waiting call on hold.

After the private conversation with the original caller, you may select to drop the original call and take the waiting call or to add the waiting caller into the call conference.

```
L1  ON

00:05
              HOLD
3WAY
      SERVICE
```

- To drop the talking line and answer the waiting call, press [DROP] softkey.
- To add the waiting caller into the call and form a 3-party call conference, press [JOIN] softkey. For further disposition of the 3-party call conference, refer to **Call Waiting ID Option: JOIN** section above.

PHONE BOOK DIRECTORY

Your phone has a Phone Book Directory for storing up to 50 important names and telephone numbers. Each memory can store 32 digits and 15 characters. You can edit the Phone Book Directory records, but not the Caller ID List records. The Directory records are saved in alphabetical order. The Phone Book Directory can be accessed by pressing [DIR.] softkey during standby mode.

CREATING A PHONE BOOK DIRECTORY RECORD

Copy from a Caller ID Number

```
JOHN SMITH          ↓
123-123-4568
10:00AM  1/01 #01   X1

            O.K.   EXIT   DELETE
SAVE
```

During Caller ID reviewing, select the valid record you want to save as a Phone Book Directory record.

```
SAVED TO DIR!
```

Press [SAVE] softkey and "SAVED TO DIR!" is shown on the display to confirm the entry.
Note: If the memory locations are full, the message "LIST FULL" will appear and your request is rejected.

```
RECORD ?
1231234568

            O.K.   EXIT
```

If this is done on the **base unit**, the display will then prompt you to record a name for Voice Announce to associate with the copied caller ID number after 2 seconds. If you want to record a name for Voice Announce, see next section. Or press [EXIT] softkey to decline name recording.

Add a New Number/Name

```
NO ITEM

            EXIT
SAVE
```

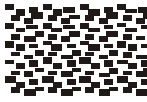
Press [DIR.] during standby mode. "NO ITEM" appears if no records in the directory, or "20 ITEMS ↓=VIEW" appears if there is 20 records in the directory. If the memory locations are full, the message "LIST FULL" will appear and your request is rejected.

```
USE SAVE=CREATE

            EXIT
SAVE
```

After 3 seconds, "USE SAVE=CREATE" appears on the display.

```
ENTER NUMBER:
 12312_

            O.K.   EXIT   DELETE
```

Press [SAVE]. Enter the number.
Tip: 1. Pressing [Pause] to add a 3-second delay (pause) in the number field and **P** is displayed.
2. Pressing [Flash] to add a flash in the number field and **F** is displayed.



```
_NAME
1231234567

                EXIT   DELETE
SAVE
```

After finished number entry, press [O.K.] softkey and "_NAME" is displayed.

```
JOHN SMITH_
1231234567

                EXIT   DELETE
SAVE
```

Use the digit keys to enter the name. If you make a mistake, press [DELETE] softkey and re-enter. When finished, press [SAVE] softkey.

```
SAVED TO DIR!
```

You will see "SAVED TO DIR!" on the display to confirm the entry.

```
RECORD ?
1231234567

          O.K.   EXIT
```

If this is done on the base unit, the display will prompt you to record a name for Voice Announce to associate with the displayed phone number after 2 seconds. If you want to record a name for Voice Announce, see next section. Or press [EXIT] to decline name recording.

Entering Alphanumeric Characters:

Each numeric key is assigned a set of letters and symbols as printed on the key. Press the corresponding number until the desired letter is displayed.

Numeric:	1	2	3	4	5	6	7	8	9	0
Characters:	Space	A,B,C	D,E,F	G,H,I	J,K,L	M,N,O	P,Q,R,S	T,U,V	W,X,Y,Z	

Adding Special Symbols

You can also use [*] or [#] to insert the following special symbols in the name field.

```
* + , - . / @ : ; < = > ? { ¦ } ~ [ \ ] ^ _ ` ! " # $ % & ´ ( )
```

RECORDING VOICE ANNOUNCE NAME

You can record up to 25 names in your own voice and associate them to the records in your phone book directory. When the phone rings from any of these numbers, the recorded name is announced instead of the number.

```
RECORD ?
1231234567

          O.K.   EXIT
```

After a number and name is entered, you will see "SAVED TO DIR!" and the display will prompt you to record a name for Voice Announce to associate with the displayed phone number after 2 seconds.

Note: If you enter a number that is already existed in the directory, "RE-RECORD?" will be displayed.

```
SPEAK AFTER TONE

                EXIT
```

Press [O.K.] softkey and “SPEAK AFTER TONE” will appear on the display. Wait for the “Beep” and then say clearly the word(s) you want to record.

```
REC TIME:03

                EXIT
SAVE
```

You will have 3 seconds for recording. You can save your message by pressing [SAVE] softkey right after you finished, or your message will be saved automatically after you hear the “Beep”.

```
PLAYING
1231234567

      EDIT      EXIT
```

After recording, the phone plays the recorded message. When finished, press [EXIT] softkey.

```
SPEAK AFTER TONE

                EXIT
```

If you want to re-record it, press [EDIT] softkey during message playing. “SPEAK AFTER TONE” is displayed, wait for the “beep” and then repeat the previous steps.

REVIEWING PHONE BOOK DIRECTORY

```
50 ITEMS ↓=VIEW

            EXIT  DELETE
SAVE
```

Press [DIR.] softkey during standby mode.

```
JOHN SMITH          ↓
123-123-4568

    EDIT  O.K.  EXIT  DELETE
SAVE
```

Press [▼] / [▲] to review the Directory in alphabetical order. If a caller’s name has been recorded, it will be played.

Tip: To quickly find a name and phone number, press [DIR.] in standby mode. Key in the first letter of the name, and the display will jump to the first record starting with that letter.

EDITING A PHONE BOOK NUMBER

```
JOHN SMITH          ↓
1231234568

     EDIT   O.K.   EXIT   DELETE
SAVE
```

Select the record you want to edit.
The recorded name will be played back instead if there was caller name being recorded.

```
PLAYING
1231234568

     EDIT   O.K.   EXIT   DELETE
```

Press [EDIT] softkey during playback to re-record the message (see last section for details), or press [DELETE] softkey during playback to remove the recorded name. The display shows “VOICE DELETED !” to confirm the deletion.

```
ENTER NUMBER:
1231234568_

            O.K.   EXIT   DELETE
```

When you see the record you want to edit is displayed, press [EDIT] softkey and then edit the number. Press [DELETE] softkey to remove the error and enter the correction as needed. Press [O.K.] softkey to confirm the edited number.

```
JOHN SMITH_
1231234568

                   EXIT   DELETE
SAVE
```

Then press [DELETE] to remove the error and re-enter the correct name as needed. Press [SAVE] and “SAVE TO DIR!” appears on the display. Press [O.K.] if your want to re-record the Voice Announce Name as well, or press [EXIT] to return.

```
JOHNNY SMITH        ↓
1231234568

     EDIT   O.K.   EXIT   DELETE
SAVE
```

When finished, the screen will display the edited entry.

DELETING AN ENTRY FROM A PHONE BOOK DIRECTORY

```
JOHN SMITH          ↓
123-123-4568

     EDIT   O.K.   EXIT   DELETE
SAVE
```

Scroll to the record to be deleted.
If a Voice Announce Name was recorded, wait until the playback is finished and the record you want to delete is displayed.

```
DELETED!
```

Press [DELETE] and you will see “DELETED!” on the display to confirm the deletion of the current record.
The phone will then move to the next available record in the directory. Press [EXIT] to return to standby mode.

DELETING ALL PHONE BOOK DIRECTORY RECORDS

```
20  ITEM ↓=VIEW

                EXIT   DELETE
SAVE
```

Press [DIR.] softkey to enter into Phone Book Directory default page.

```
DELETE ALL?

            O.K.   EXIT
```

Press [DELETE] softkey and “DELETE ALL?” is displayed. To confirm the deletion of all records, press [O.K.]. To exit without deleting, press [EXIT].

DIALING FROM PHONE BOOK DIRECTORY

During stand-by mode, press [DIR.] and find the entry you want to call. Press a **LINE** key to call the number.

MULTI-HANDSET OPERATION

Your new phone provides a multiple handset capability that supports up to 8 handsets. Each additional handset comes with a charge cradle you can plug into any electrical outlet. No extra phone jack is required. **Intercom** or **call transfer** between handsets becomes possible when there is more than one handset in your system.

It is possible to make an intercom call between two handsets while another handset is engaging the external line

INTERCOM

The base unit of SBC373 can support up to 4 groups of intercom conversation and an external call simultaneously if you have 8 handsets in your system.
Handset-to-Handset two-way intercom is operated independent of the base unit.

EXTENSION #:? EXIT	When the Handset 1 is in standby mode, press [Int.], LCD display shows “EXTENSION #:?”
PAGING #2 EXIT	Key-in the number of the handset (1,2…8) or base unit (0) you want to call. For instance, if Handset #2 is being paged, LCD display shows “PAGING #2”
PAGING FROM #1 EXIT	The handset being called will ring and the display shows “PAGING FROM # 1”. Press [Int.] on the called handset to answer the intercom. Press [EXIT] softkey to terminate the intercom.

Note:
This phone system can allow you to conference or intercom by using the handset and base simultaneously. If the handset is operated too close to the base unit, you may experience feedback noise. Should this occur, move the handset away from the base unit and the feedback will stop.

CALL TRANSFER

Your new cordless system allows you to transfer calls from Base to Handset, Handset to Handset, or Handset to Base.

EXTENSION #:? EXIT	When the handset is engaging an external call in Line1, press [Int.] and followed by the number of the handset (1-8 or 0 for base unit) you want to transfer the call to.
INVALID NUMBER EXIT	If you are entering an unregistered handset number, “INVALID NUMBER” is display and you need to repeat the above steps.
TRANSFER FROM L1 EXIT	The handset you called rings and “TRANSFER FROM L1” appear on the display. Press [Line1] on the called handset to pick up. If the handset you called does not answer in 20 seconds, the unanswered call will ring back to you again.
L1 ON 00:07 HOLD 3WAY SERVICE	Press Line 1 to pick up the call again, or the line will be released automatically after 20 seconds if not taken up.

OPTIONAL FEATURES DIAL LIST

You phone has been pre-programmed at the factory with an optional services dial list.

DISPLAY	*CLASS SERVICE*	*DIAL CODE*
411	Help Hotline	1411
RPT DIAL	Repeat Dialing	∗66
FWD ON	Activate Call Forwarding	72#
FWD OFF	Cancel Call Forwarding	73#
CALL RTN	Activate Call Return	∗69
3WAY	Three Way Calling	Flash

Note:
These optional services, except 1411, are accessible only if you are subscribed to them through your local telephone company.

DIALING SERVICES

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 50 NEW CALLS
HS-1
10:05AM 05/03

411 RPT DIAL FWD ON  FWD OFF CALL RTN
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During standby mode, press [SERVICE] softkey to prompt the pre-programmed optional features dial list. Press the corresponding softkey to the optional service you wish to activate. Or, press [▼] / [▲] if you want to return to standby mode.

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USE L1 OR L2?
 ├66

                EXIT
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For instance, if you want to activate Repeat Dialing function, press [RPT DIAL] softkey. The dial code will be shown on the display. Press a **LINE** key to send the signal. When you can hear a second dialing tone, the code is accepted. Press [Bye] on the handset or on the base unit to hang up.

ADDITIONAL INFORMATION

CAPACITY

Memory

The Caller ID List: 50 memory locations; 24 digits and 15 characters per location.

Phone Book Directory: 50 memory locations; 32 digits and 15 characters per location.

Voice Announce Caller Name: 25 memory locations; 3 seconds per location.

Redial List: 20 memory locations; 32 digits per location.

Call Repeat Number

The Call Repeat number is 7 maximum.

OUT OF RANGE

If the handset cannot communicate with the base unit or the handset is too far away from the base during a conversation and the RF signal is not present, the message “OUT OF RANGE” will be appeared on the display.

NO CONNECTION

If the handset cannot connect to the base unit when making a call, the message “NO CONNECTION” appears on the display for 2 seconds, and then returns to stand-by mode.

TROUBLESHOOTING

Before calling for service, please check this list of the most common problems.

Problem	Check
The phone does not work	Are the LINE CORD and AC adapter connected properly? Is the handset too far away from the base unit? Does the battery pack become weak? Charge the battery on the base unit for about 15 hours.
The phone does not ring	Check the RINGER setting.
Cannot dial	Do you have touch-tone service? Check the TONE/PULSE setting.
The audio sounds scratchy	Is the base unit located next to metal objects or appliances? Try relocation.
CALLER ID doesn't work	Do you have CALLER ID service?
No caller's name	Does the CALLER ID service to which you subscribed include the CALLERS NAME DELIVERY feature?
You cannot hear or be heard clearly	Increase the handset receiver volume (See page 30).
Caller's information is not registered	Did you or your answering machine answer calls before the second ring?
Interference from wireless networking device	Change the location of the wireless networking device and/or the base of the cordless phone. Switch the channel on the wireless networking device. Please refer to the manual of your wireless networking device, or consult a qualified technician of how to switch the channel. If that doesn't work, try another channel. For optimum result, switch to a mid transmit range channel.

SAVE THESE INSTRUCTIONS.

CARE AND MAINTENANCE

The following suggestions will help you care for the system so you can enjoy it for years.

Keep the system dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the system only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, and distort or melt plastic parts.

Handle the system gently and carefully. Dropping it can damage circuit boards and cases and can cause the system to work improperly.

Keep the system away from excessive dust and dirt, which can cause premature wear of parts.

Wipe the system with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the system.

Modifying or tampering with the system's internal components can cause a malfunction and might invalidate the system's warranty and void your FCC authorization to operate it.

FCC REQUIREMENTS

This equipment complies with Part 68 of FCC rules and the requirements adopted by the ACTA. On the *bottom* of this equipment is a label that contains, among other information, a product identifier in the format ***US:CACW400B373001***. If requested, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format ***US:CACW400B373001***. The digits represented by ***00B*** are the REN without a decimal point (e.g., 03B is a REN of 0.3B). For earlier products, the REN is separately shown on the label.]

Should you experience trouble with this equipment, please contact:

Cybiolink Service Center

4905 77th Ave P.O. Box 140 Milan, IL. 61264

1-800-233-5961, Service Department

for repair or warranty information. 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.

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

If this equipment SBC373 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

FCC REQUIREMENTS

Do not attempt to repair or modify this equipment. Changes or modifications not expressly approved by the party responsible for its compliance could void the user's authority to operate the equipment.

Connection to party line services is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

Current FCC regulations specify that any direct connections to a telephone company line be done using only standard phone jacks USOC RJ11C / RJ14C and plugs that is TIA-968-A compliant.

Note

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:

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

NOTICE TO HEARING AID WEARERS: This telephone has been registered with the FCC as hearing aid compatible.

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.

Caution: To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 20 cm from nearby persons.

WARRANTY

Q & A:

WHAT DOES OUR WARRANTY COVER?
- Any defect in material or workmanship.

FOR HOW LONG AFTER THE ORIGINAL PURCHASE?
- To the original purchaser only - ONE YEAR.

WHAT WILL SBC DO?
- At our option, repair or replace your unit.

HOW DO I SEND MY UNIT, IN OR OUT OF WARRANTY?
- In the U.S., call Customer Service for Return Authorization at: 1-800-233-5961.
- Properly pack your unit. Include any cables and accessories that were originally provided with the product. We recommend using the original carton and packing materials.
- Include in the package a copy of the sales receipt or other evidence of date of original purchase (if the unit was purchased within the last twelve months).
- Print your name and address, along with a description of the defect, and include this in the package.
- Include payment for any service or repair not covered by warranty, as determined by SBC.

WHAT DOES OUR WARRANTY NOT COVER?
- Batteries
- Damage from misuse, neglect, or acts of nature (lightning, floods, power surges, etc.)
- Products, which may have been modified or incorporated into other products.
- Products purchased and/or operated outside the USA, its territories, or Canada.
- Products serviced by the owner or a service facility not expressly authorizes by SBC Communications.
- Products purchased more than 12 months from current date.
- Units purchased in "AS IS" condition, or units purchased as "Distressed Merchandise".

HOW DOES STATE LAW OR PROVINCIAL LAW RELATE TO THIS WARRANTY?
- This warranty gives you specific rights. You may also have other rights that vary from state to state or province to province.

NOTE

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