

SONY.

3-867-419-11 (1)

Cordless Telephone

Operating Instructions

US

Manual de instrucciones

ES

*Spread
Spectrum* **900** MHz

CALLER ID
with call waiting

SPP-SS966

©1999 by Sony Corporation

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A. When the power cord or plug is damaged or frayed.
- B. If liquid has been spilled into the product.
- C. If the product has been exposed to rain or water.
- D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- E. If the product has been dropped or the cabinet has been damaged.
- F. If the product exhibits a distinct change in performance.

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

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

SAVE THESE INSTRUCTIONS

CAUTION:

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

- 1. Use only the following type and size battery pack: Sony BP-T24.
- 2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- 3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care in handling battery pack in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.

6. Observe proper polarity orientation between the battery pack and battery charger.

INFORMATION FOR GENERAL TELEPHONES

1. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

2. The applicable registration jack (connector) USOC-RJ11C is used for this equipment.

3. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant.

The FCC compliant telephone cord and modular plug is provided with this equipment.

4. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the 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.

5. If your equipment (SPP-SS966) 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.

US

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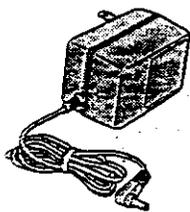
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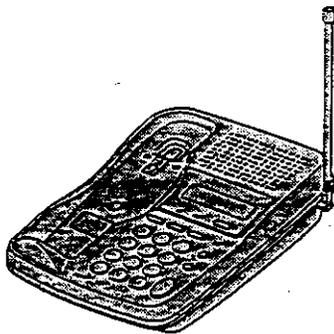
Step 1

Checking the package contents

Make sure you have received the following items in the package.
If anything is missing, contact your local Sony dealer.



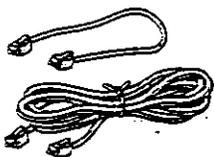
AC power adaptor (AC-T46)



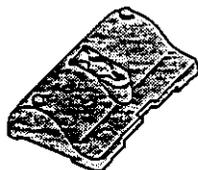
Base phone



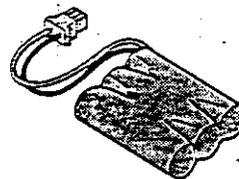
Handset



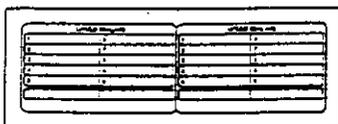
Telephone line cords (2)



Wall bracket/stand for base phone



Rechargeable battery pack (BP-T24)



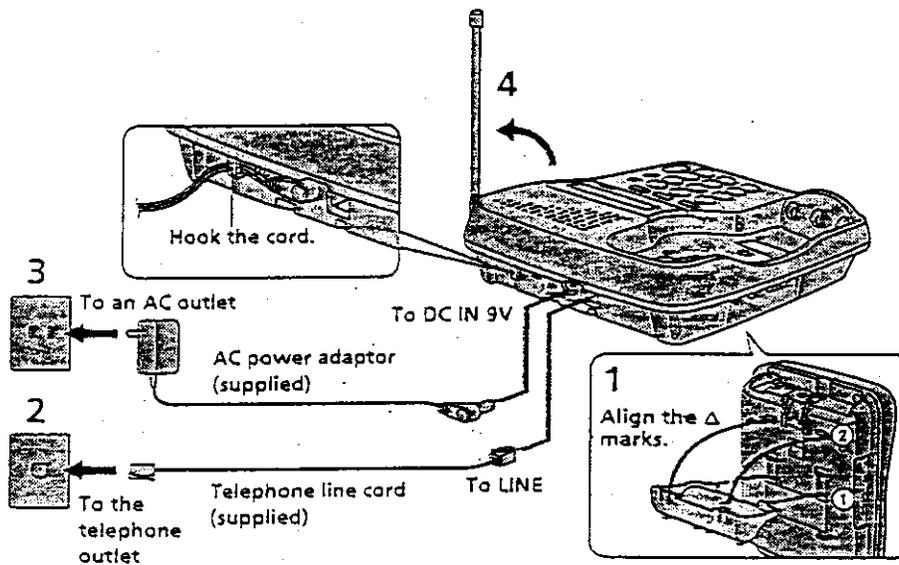
Directories

Getting Started

Getting Started

Connect the base phone

If you want to hang the base phone on the wall, see page 40.



- 1 Attach the wall bracket to the bottom of the base phone as illustrated to use it as a stand.
- 2 Connect the telephone line cord to the LINE jack and to a telephone outlet.
- 3 Connect the AC power adaptor to the DC IN 9V jack and to an AC outlet.
- 4 Raise the antenna. Make sure it points towards the ceiling.

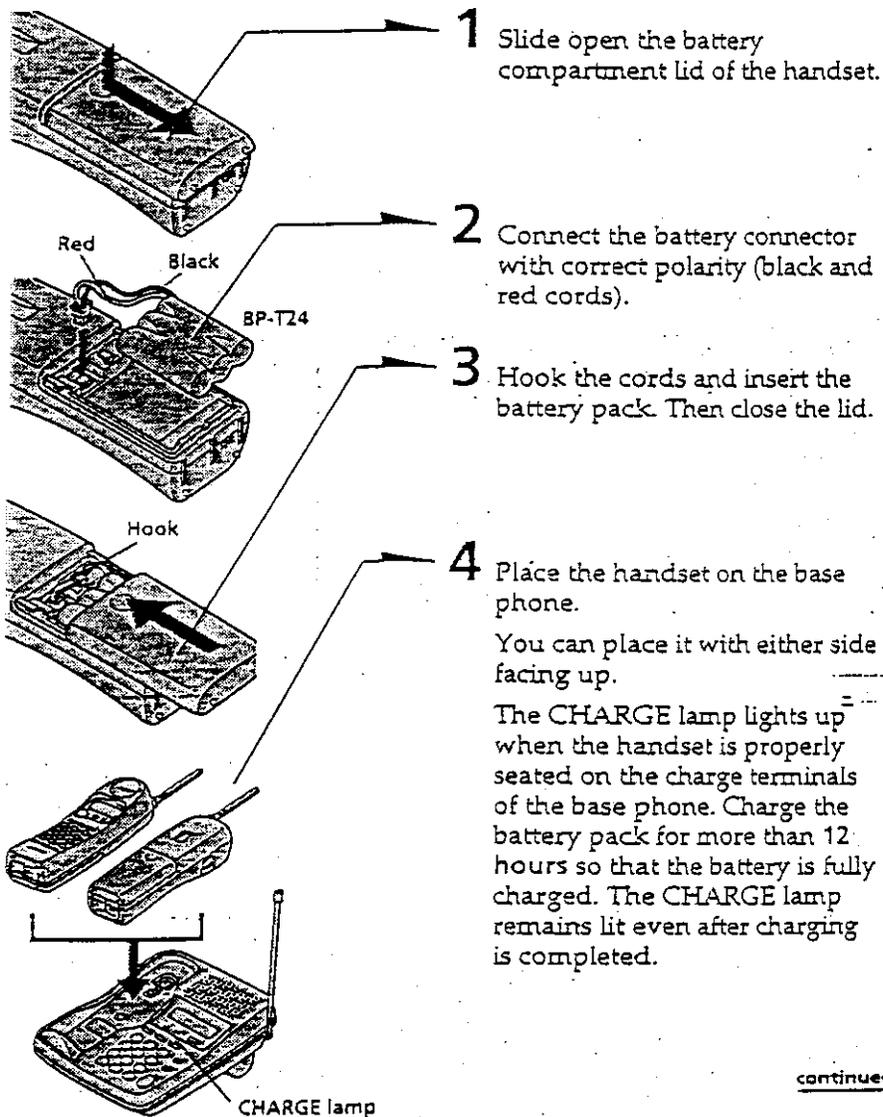
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Step 3

Preparing the battery pack

Charge the battery pack for more than 12 hours before you start using your phone.



continued

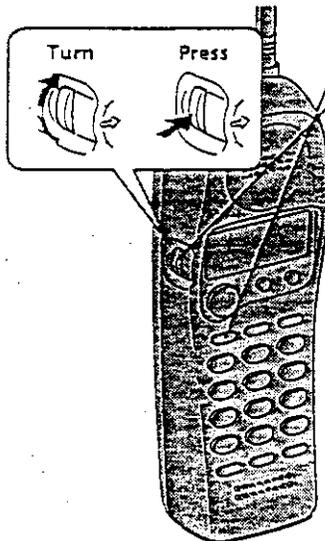
Getting Started

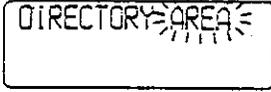
Step 4

Entering your area code

When you use this phone for the first time, or move to an area that has a different area code, you must enter your area code.

This is necessary because the phone must be able to distinguish between local or long distance calls to properly dial calls from the Caller ID list.



- 1 Press **VOL/PGM**.
- 2 Turn Jog Dial up to make "AREA" flash.

- 3 Press Jog Dial.
"ENTER AREA CODE" appears on the display.
- 4 Enter your three digits area code using the dialing keys.
- 5 Press **VOL/PGM**.
You'll hear a long confirmation beep.

Notes

- If an area code is already entered, it appears on the display in step 3. To enter a different area code, see "To change the area code" below.
- Do not allow more than 20 seconds to elapse between each step of the procedure.

Tips

- You may press Jog Dial instead of **VOL/PGM** in step 5.
- To check the current area code, perform steps 1 to 3 above. The area code appears on the display for 20 seconds.

To change the area code

- 1 Perform steps 1 to 3 above.
The current area code appears on the display.
- 2 Turn Jog Dial down to erase the current area code.
- 3 Enter a new area code using the dialing keys.
- 4 Press **VOL/PGM**.
You'll hear a long confirmation beep.

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Notes

- When you increase the sound volume, in some cases the back ground noise may be increased as well. You should adjust the volume accordingly.
- If the handset beeps every second during a conversation and "OUT OF RANGE" appears on the display, move closer to the base phone; otherwise, the call will be disconnected after one minute.
- While conversing with an outside caller via the base phone, you can't make a call with the handset and "BASEPHONE IN USE" appears on the display. If you press **TALK/ CALL WAITING/ FLASH**, you will hear a busy tone.
- When the operation duration exceeds 9:59'59, the display counts from 0:00'00 again.

If the battery becomes weak during a call

The handset will beep every three seconds five times and  and "BATTERY LOW" appears on the display. Finish your call and charge the battery pack.

For optimum performance, charge the battery for a full 12 hours.

Note that during the first 10 - 15 minutes of charging, the phone will be inactive, i.e., unable to make or receive a call.

After this initial 10 - 15 minutes, you may be able to use the phone, but the battery duration will be very short; thus it is recommended that you fully charge the battery before the next usage.

Making calls through the speakerphone

Press **SPEAKERPHONE** on the base phone.

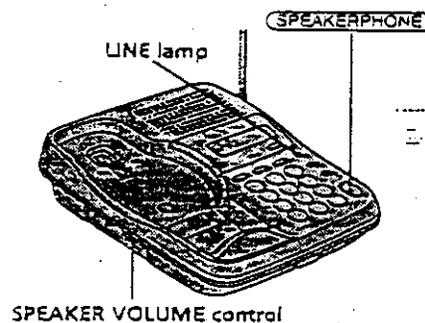
"SPEAKERPHONE" appears on the display and the display also shows the operation duration in hours, minutes and seconds.

The LINE lamp lights up.

Dial the phone number.

To adjust the speaker volume, slide the **SPEAKER VOLUME** control.

When you're done talking, press **SPEAKERPHONE** again.



Notes

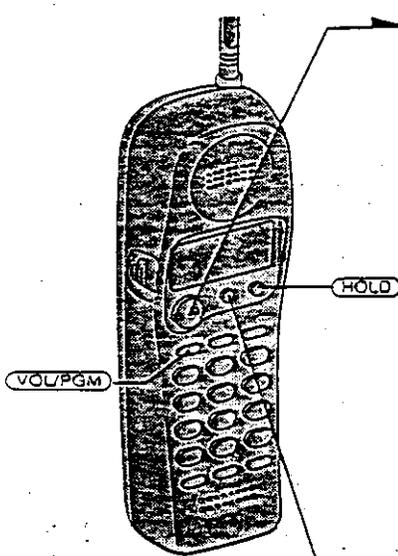
- While conversing with an outside caller via the handset, the display on the base phone shows "HANDSET IN USE" and you can't make a call through the speakerphone. If you press **SPEAKERPHONE**, you will hear a busy tone.
- When the operation duration exceeds 9:59'59, the display counts from 0:00'00 again.

continued

Basics

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Receiving calls



- 1** When you hear the phone ring:
- Press **TALK/ CALL WAITING/ FLASH**.
 - or
 - Pick up the handset from the base phone when the handset is placed on the base phone.
- "TALK" appears on the display and the display also shows the operation duration in hours, minutes and seconds.
- "HANDSET IN USE" appears on the display of the base phone and the LINE lamp on the base phone lights up.
- During a conversation, you can adjust the handset volume. Follow the procedure described in the following table.
- 2** When you're done talking, press **OFF** or place the handset on the base phone.
- The display and the LINE lamp on the base phone go off.

Additional tasks

To	Do this
Adjust the handset volume	During phone conversations, press VOL/PGM . Each press of VOL/PGM switches the handset volume by one of four levels.
Put a call on hold	Press HOLD . "HOLD" appears on the display. Press HOLD again to resume the conversation.
Switch to another call ("call waiting" service)	Press TALK/ CALL WAITING/ FLASH . Press TALK/ CALL WAITING/ FLASH again to return to the first caller.

* You need to subscribe to this service from your telephone company.

Note

If another call comes in by "call waiting" service while conversing with an outside caller, you will hear two short beeps.

Tip

To inform you of an incoming call, the display shows "≡ RINGING ≡" when ringing.

If you have subscribed to the Caller ID service:

- the caller's number and/or name appears on the display when you receive a call (see page 32) or when another call comes in by "call waiting" service.
- the ringer sound changes to a higher tone if the call matches the number stored on ONE-TOUCH DIAL buttons, speed dialing keys or in the Phone Directory (memory match function; see page 32).

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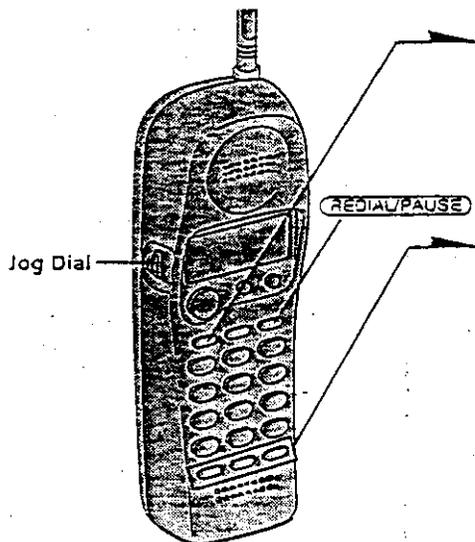
Basics

Telephone Features

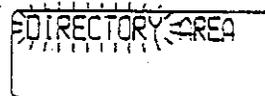
One-touch dialing

You can dial with one touch of a key by storing a phone number on a one-touch dial button.

Storing phone numbers

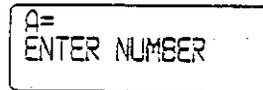


- 1 Press **VOL/PGM**.



- 2 Press one of the three **ONE-TOUCH DIAL** buttons (**A** to **C**).

You'll hear a confirmation beep.



If a number is stored, it appears on the display. To store a new number, turn Jog Dial to erase it.

- 3 Enter the phone number you want to store.

You can enter up to 16 digits, including a tone and a pause, each of which is counted as one digit.

- 4 Press **VOL/PGM**.

You'll hear a long confirmation beep, and the number is stored. The display goes off.

Telephone Features

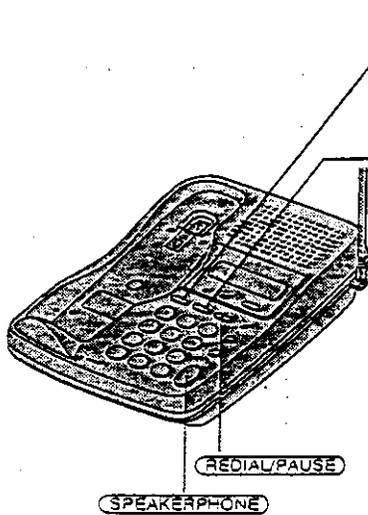
continued

Telephone Features | 19^{US}

Speed dialing

You can dial with a touch of a few keys by storing a phone number on a dialing key.

Storing phone numbers



- 1 Press **PGM**.
"PROGRAM" appears on the display.
- 2 Press **SPEED DIAL**.
"ENTER 0 TO 9" appears on the display.
- 3 Press one of the dialing keys (**0** to **9**) to store a phone number on.

0=
ENTER NUMBER

You'll hear a confirmation beep.

- 4 Enter the phone number you want to store.
You can enter up to 16 digits, including a tone and a pause, each of which is counted as one digit.

- 5 Press **PGM**.
You'll hear a long confirmation beep, and the number is stored.

Note

Do not allow more than 20 seconds to elapse between each step of the procedure.

Tips

- If you enter a wrong number in step 4, press **PGM**, then start from the beginning.
- Use the supplied directory to write down what you stored on the speed dialing numbers.

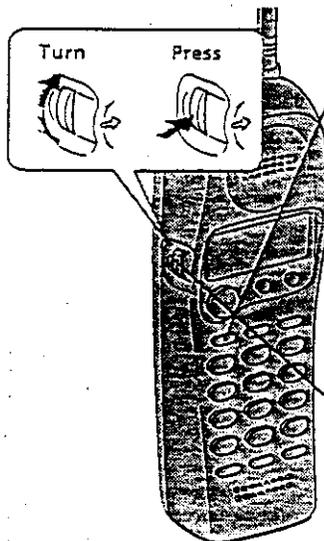
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Telephone Features | 21^{us}

Phone Directory

You can dial a number by scrolling through the Phone Directory, in which up to 50 phone numbers can be stored.

Storing phone numbers and names



Example: to store "SONY" "123-4567".

- 1 Press **(VOL/PGM)**.
(Be sure not to press **(TALK/ CALL WAITING/ FLASH)**.)



If "DIRECTORY" is not flashing, turn Jog Dial down to make it flash.

- 2 Press Jog Dial.
"ENTER NAME" appears.

- 3 Enter the name using the dialing keys.
You can enter up to 15 characters.

Press a dialing key until the desired character appears. (See the character table for details.)

Enter successive characters in the same way.

To enter two characters assigned to the same key, or to enter a "space", turn Jog Dial up to move the cursor to the right.

Example: to enter "SONY", press **(7)** four times (S), press **(6)** three times (O), turn Jog Dial up to move the cursor, press **(8)** twice (N), and press **(9)** three times (Y).



Character table

Key	Character
(1)	1
(2)	A → B → C → 2
(3)	D → E → F → 3
(4)	G → H → I → 4
(5)	J → K → L → 5
(6)	M → N → O → 6
(7)	P → Q → R → S → 7
(8)	T → U → V → 8
(9)	W → X → Y → Z → 9
(0)	0
(*)	*
(#)	#

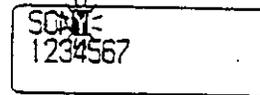
Telephone Features

continued

Telephone Features 23^{us}

- 3 Turn Jog Dial up to make "PGM" flash and press Jog Dial.

The cursor flashes at the last character of the name.

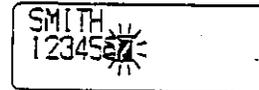


- 4 Turn Jog Dial down to erase the characters and enter the new name.

If you want to change only the number, skip this step.

- 5 Press Jog dial.

The cursor flashes at the last digit of the phone number.



- 6 Turn Jog Dial down to erase the number and enter the new number.

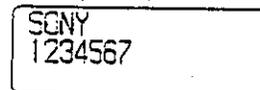
If you don't want to change the number, skip this step.

- 7 Press Jog Dial.

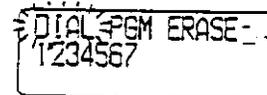
You'll hear a long confirmation beep and the name and/or the number is changed.

Erasing a memory location

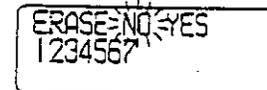
- 1 Display the name and phone number you want to erase by doing steps 1 and 2 on page 26.



- 2 Press Jog Dial.



- 3 Turn Jog Dial up to make "ERASE" flash and press Jog Dial.



- 4 Turn Jog Dial up to make "YES" flash, then press Jog Dial.

You hear a long confirmation beep and the memory location is erased.

Telephone Features

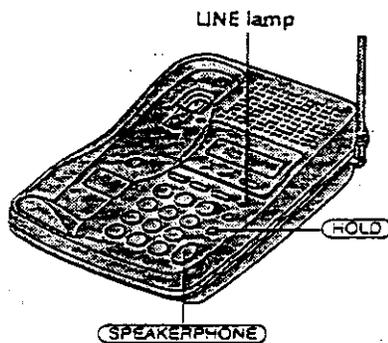
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Telephone Features 25^{US}

Switching the phones during a call

You can easily switch between the handset and speakerphone on the base phone without disconnecting the call.

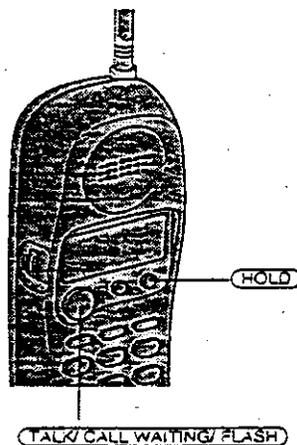
To switch from the base phone to the handset



- 1 Press **HOLD** on the base phone.
The call is on hold and "HOLD" appears on the display and the LINE lamp on the base phone flashes.

- 2 Press **TALK/ CALL WAITING/ FLASH** or **HOLD** on the handset.
You can continue talking to the caller through the handset.

To switch from the handset to the base phone



- 1 Press **HOLD** on the handset.
The call is on hold and "HOLD" appears on the display and the LINE lamp on the base phone flashes.

- 2 Press **SPEAKERPHONE** or **HOLD** on the base phone.
You can continue talking to the caller through the speakerphone.

Tips

- While talking through the speakerphone on the base phone, if you pick up the handset, the call will be switched to the handset.
- When the call is put on hold on the base phone, if you pick up the handset, the call will be switched to the handset.

Voice paging

The handset user can page someone near the base phone without any operation on the base phone. Neither phones will ring.

Note that you cannot page if the base phone is in use.

To page with voice



1 Press **VOIPGM**.

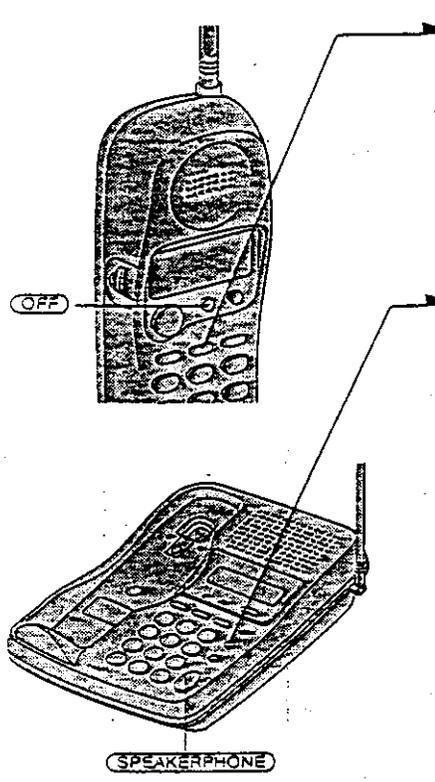
2 Press **INTERCOM**.

"INTERCOM" appears on the display of both the base phone and handset, and you can begin talking.

Notes

- If there's an incoming call during voice paging, only the base phone rings. To answer the call, press **INTERCOM** on the base phone or handset. The paging is canceled and you can talk to the outside caller.
- While conversing with an outside caller via the base phone or handset, you cannot make an intercom call. If you press **INTERCOM**, you will hear a busy tone.

To transfer from the handset to the base phone

- 
- 1 Press **INTERCOM** to page the base phone.

The call is put on hold on the handset and the base phone rings. **** PAGING **** appears on the display of both the handset and base phone.
 - 2 Press **SPEAKERPHONE** or **INTERCOM** on the base phone.

INTERCOM appears on the display of both the base phone and handset.

You can talk between the handset and the base phone.
 - 3 To talk to the caller with the base phone:

 - Press **INTERCOM** on the base phone.
 - or
 - Press **OFF** on the handset.

SPEAKERPHONE appears on the display of the base phone.
- If no one answers the phone
Press **INTERCOM** again.

Tip
You can receive an intercom call on the base phone even when the **RINGER** switch on the base phone is set to **OFF**. The base phone will ring at a low level.

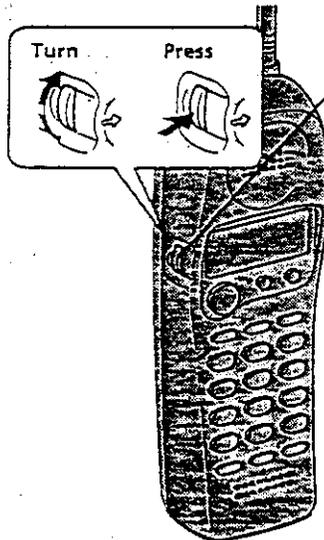
Looking at the Caller ID list

The phone stores the data of the last 20 calls received including "OUT OF AREA" and "PRIVATE" calls. It keeps track of all calls received; even if they were not answered.

However, if the RING switch on the handset is set to OFF when the handset is off the base phone, the phone cannot receive the Caller ID data.

Viewing the Caller ID list

You can look through the Caller ID list to check the phone number and/or name of the calls received on the handset's display. Note that the display on the base phone shows the current caller's phone number and/or name only, and you cannot view the caller ID list on the base phone.



1 Press Jog Dial.

The display shows the number of "NEW" (calls which you have not viewed) and "OLD" (calls which you have viewed) calls.

NEW 08 OLD 12

2 Turn Jog Dial.

The data of the newest call appears for 20 seconds.

SMITH JOHN
1-201-123-4567
NEW 08 7:04 PM 4:53

3 Turn Jog dial down to display older data or up to display newer data.

Caller ID Features

continued

To erase the entire list at once

1 Display any Caller ID data.

SMITH JOHN
1-201-123-4567
OCT 01 7:04 PM 4:53

2 Press Jog Dial.

DIAL PGM ERASE
1-201-123-4567
OCT 01 7:04 PM 4:53

3 Turn Jog Dial up to make "ERASE" flash and press Jog Dial.

ERASE NO YES ALL
1-201-123-4567
OCT 01 7:04 PM 4:53

4 Turn Jog Dial up to make "ALL" flash, then press Jog Dial.

ALL ERASE NO YES
1-201-123-4567
OCT 01 7:04 PM 4:53

5 Turn Jog Dial up to make "YES" flash, then press Jog Dial.

NEW OO OLD OO

You'll hear a long confirmation beep and the entire list is erased.

Note

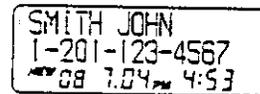
"ALL" appears only when all the data has become "OLD" data. If there is any "NEW" data, you can't erase the entire list.

Caller ID Features

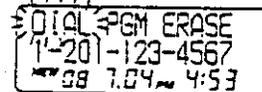
Caller ID Features 35^{us}

Storing a number of the Caller ID list into the Phone Directory

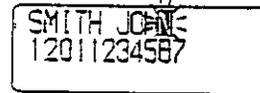
- 1 Display the name and phone number you want to store from the Caller ID list (see page 33).
- 2 Confirm the number and press Jog Dial.
- 3 Turn Jog Dial up to make "PGM" flash and press Jog Dial.
The cursor flashes at the end of the name.
Enter or change the name, if necessary (see page 24).
- 4 Press Jog Dial.
The cursor flashes at the end of the phone number.
Enter or change the phone number, if necessary (see page 24).
- 5 Press Jog Dial again.
You'll hear a long confirmation beep and the name and number are stored.



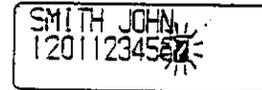
SMITH JOHN
1-201-123-4567
08 7:04 PM 4:53



DIAL PGM ERASE
1-201-123-4567
08 7:04 PM 4:53



SMITH JOHN
12011234567



SMITH JOHN
12011234567

Notes

- Do not allow more than 20 seconds to elapse between each step of the procedure.
- If the number displayed in step 1 is not the one you should call back, you can change the number of digits of the phone number as described on page 38.
- If the phone is connected to a Private Branch Exchange (PBX), you may need to add an outside line access digit.

Caller ID Features

continued

Caller ID Features | 37^{US}

Using "Caller ID with call waiting" service

This telephone is compatible with the "Caller ID with call waiting" service. Make sure that your telephone company offers this service.

Like the basic Caller ID service, you need to subscribe to "Caller ID with call waiting" in order to use this service.

Even though you may have already subscribed to "Caller ID" and "call waiting" as two separate services, you need to request a subscription to "Caller ID with call waiting" as a single service.

This is a new service that combines the two services.

Even though you now have a "Caller ID with call waiting" compatible phone, unless you subscribe to the combined "Caller ID with call waiting" service, you will not be able to see the name and number of the second caller.

When a new call comes in while you are talking, you hear two short beeps. The caller's name and/or phone number of the new call appears on the display for about 20 seconds.

To switch to another caller:



1 To switch to the new caller, press **TALK/ CALL WAITING/ FLASH**.

2 To switch back to the first caller, press **TALK/ CALL WAITING/ FLASH** again.

Caller ID Features

Caller ID Features 39^{us}

Notes on power sources

On battery pack

- Store the battery pack at a temperature between 41°F (5°C) and 95°F (35°C) for best performance.
- If you do not use the handset for a long period of time, remove the battery pack after charging for more than 12 hours.

On power failure

During a power interruption, you cannot make or receive calls.

For the customers in the USA

RECYCLING NICKEL-CADMIUM BATTERIES

Nickel-Cadmium batteries are recyclable. You can help preserve our environment by returning your unwanted batteries to your nearest point for collection, recycling or proper disposal.



Note: In some areas the disposal of nickel-cadmium batteries in household or business trash may be prohibited.

RBRC (Rechargeable Battery Recycling Corporation) advises you about spent battery collection by the following phone number.

Call toll free number: 1-800-822-8837
(United States and Canada only)

Caution: Do not handle damaged or leaking nickel-cadmium batteries.

Maintenance

- Clean the cabinets with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine as they may damage the finish of the cabinet.
- If the charge terminals of the base phone and handset are soiled, wipe them with a soft cloth.

If you have any questions or problems concerning your phone, please consult your nearest Sony dealer.

Additional Information

Additional Information | 41^{US}



	Symptom	Remedy
During conversation	You hear interference during conversation.	<ul style="list-style-type: none"> • Move the handset closer to the base phone. • Place the base phone away from noise sources (page 8).
	You hear a beep every second during a conversation and "OUT OF RANGE" appears on the display.	<ul style="list-style-type: none"> • This is the out-of-range alarm. Move the handset closer to the base phone within one minute.
	You hear a beep every three seconds and  and "BATTERY LOW" appear on the display.	<ul style="list-style-type: none"> • The battery is weak. Charge the battery for more than 12 hours (page 11).
One-touch dialing/Speed dialing/Phone Directory	You hear five short error beeps and cannot store a number on a one-touch dial, speed dialing key or in the Phone Directory.	<ul style="list-style-type: none"> • Make sure you follow the procedure for storing the number correctly (pages 19, 21 and 23). • Make sure the number (including the tone and pause digits) does not exceed 16 digits.
	You hear five short error beeps when you try to make a one-touch or speed dial call.	<ul style="list-style-type: none"> • You have entered a one-touch dialing button or speed dialing key for which no phone number has been stored.
	One-touch dialing, speed dialing or Phone Directory dialing is incorrect.	<ul style="list-style-type: none"> • Store the correct number (pages 19, 21 and 23).
Intercom	The handset does not ring when you use the intercom from the base phone, and the base phone does not ring when you use the intercom from the handset.	<ul style="list-style-type: none"> • Set the RING switch on the handset to ON. • The battery may be weak. Charge the battery for more than 12 hours (page 11). • Move the handset closer to the base phone. • Place the base phone away from noise sources (page 8).
	When pressing INTERCOM , you hear a busy tone and cannot make an intercom call.	<ul style="list-style-type: none"> • Either the base phone or handset is being used to converse with an outside caller.
Caller ID	The caller's name and/or phone number does not appear on the display.	<ul style="list-style-type: none"> • Make sure you have subscribed to Caller ID service. • Caller ID service may not work when the phone is connected to a Private Branch Exchange (PBX). • Make sure that the handset is on the base phone or set the RING switch on the handset to ON. (page 32). • The call is made through company which does not offer Caller ID service. "OUT OF AREA" will appear on the display. • The call was "blocked." "PRIVATE" will appear on the display. • You have answered the call while "Ringing" was displayed. Be sure to answer after the Caller ID data is displayed.

Additional Information

continued

Specifications

General

Spread method
Direct-Sequence Spread-Spectrum

Access method
FDMA-TDD

Frequency band
902 - 928 MHz

Operating channel
20 channels

Dial signal
Tone, 10 PPS (pulse) selectable

Supplied accessories
See page 7.

Handset

Power source
Rechargeable battery pack BP-T24

Battery life
Standby: Approx. 10 days (RING ON mode)
Approx. A month (RING OFF mode)

Talk: Approx. 6 hours

Dimensions
Approx. 58 x 177 x 46 mm (w/h/d), antenna excluded
(approx. 2 1/8 x 7 x 1 1/16 inches)

Antenna: Approx. 72 mm
(approx. 2 7/8 inches)

Mass
Approx. 250 g (approx. 8.8 oz), battery included

Base phone

Power source
DC 9V from AC power adaptor
AC-T46

Battery charging time
Approx. 12 hours

Dimensions
Approx. 170 x 60 x 214 mm (w/h/d), antenna excluded
(approx. 6 3/4 x 2 3/8 x 8 1/2 inches)

Antenna: Approx. 165 mm
(approx. 6 1/2 inches)

Mass
Approx. 580 g
(approx. 1 lb 4 oz), wall bracket excluded

Design and specifications are subject to change without notice.

Additional Information

Additional Information 45^{us}