

Panasonic

Cordless Phone

Model No. **KX-T4046E**

Pulse-or-tone dialling capability

Operating Instructions



**SOUND
CHARGER**

**8
CHANNEL**

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 10 hours before initial use.

Basic Operation

Advanced Operation

User's Manual

Important Information

APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

503988

Do not connect the AC adaptor to any AC outlet other than the standard AC 230–240 V, 50 Hz.

- Outlet voltage DC 13.5 V, 400 mA
- The apparatus is approved for use with the KX-A311E power supply.
- **CAUTION:** Do not remove cover. Live parts inside.

This apparatus has been approved for the use of the following facilities:

- 1) Storage of telephone numbers for retrieval by a predetermined code
- 2) Last number redial
- 3) Simple telephone facility
- 4) PBX earth register recall
PBX timed break register recall
- 5) MF signalling
- 6) LD signalling
- 7) Mercury dialling compatibility
- 8) Dual Keypad
- 9) Loudspeaking
- 10) Hold
- 11) Intercom

Any other usage will invalidate the approval of the apparatus if as a result, it then ceases to conform to the standards against which approval was granted.

Ringer Equivalence Number (REN):

This relates to the performance of the apparatus when used in combination with other items of apparatus. It enables the calculation of the maximum number of items of apparatus that may be connected simultaneously to the line by summing the REN values of each item. A BT supplied instrument has a REN value of 1 unless otherwise marked. A maximum REN value of 4 should not be exceeded. The REN value of this apparatus is 1.

Method of connection

This is connected to the exchange line or PABX/PMBX (Private Automatic/Manual Branch Exchange) extension by the new standard British Telecom plug and socket. Arrangements for provision of this type of termination can be made through the nearest British Telecom Sales Office. The apparatus may be connected to the following types of installation. The apparatus has been approved for use under the following conditions:

- a) This apparatus may be used on telecommunication systems employing LD and MF signalling. It is suitable for connection to a direct exchange line on the PSTN (Public Switched Telephone Network) or via a compatible PBX (Private Branch Exchange). (Contact the supplier for an up to date list of compatible PBX's.)

- b) This apparatus is not suitable as an extension to a payphone or for use on a party line with shared service.

This cordless telephone has been designed to operate on radio frequencies which have been assigned to the exclusive use of cordless telephones. As the use of cordless telephones becomes more widespread users may experience a reduction in the quality of service obtainable from this apparatus.

You may receive some interference on domestic radio receivers because the cordless telephone transmission is around 1.7 MHz.

There is a possibility of occurrence of overhearing between cordless telephones operating on the same radio channel. And such interference may increase with greater usage of cordless telephones.

999 or 112 can be dialled on the apparatus for the purposes of making outgoing calls to the BT Emergency (999 or 112) Service.

Although this equipment can use either loop disconnect or DTMF signalling, only the performance of the DTMF signalling is subject to regulatory requirements for correct operation. It is therefore strongly recommended that the equipment is set to use DTMF signalling for access to public or private emergency services. DTMF signalling also provides faster call

set up.

WARNING:

The apparatus may be unable to make emergency 999 or 112 telephone calls, under certain conditions, e.g.:

- Radio interference caused by another cordless telephone operating on the same radio frequency.
- The portable handset battery needs recharging, or has failed.
- The base unit back-up batteries are exhausted. With the batteries in good condition the base unit will be able to operate without mains power for at least seven hours, including one hour in the TALK mode.
- The portable handset cannot be used while charging.

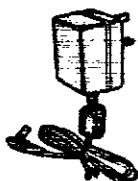
Any cases of difficulty should be referred in the first instance to the supplier of the apparatus.

NOTE:

If you experience any problems with the normal use of your apparatus, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still gives problems, then please contact the customer service department of your PSTN operator (e.g. BT, Mercury etc.). If it operates properly, then the problem is likely to be a fault in your apparatus. In this case, contact your supplier for advice. British Telecom will charge you if they attend a service call that is not due to apparatus supplied by them.

Included with This Unit

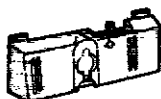
AC Adaptor one
(p. 9)



Telephone Line Cord one
(p. 9)



Wall Mounting Adaptor one
(p. 28)

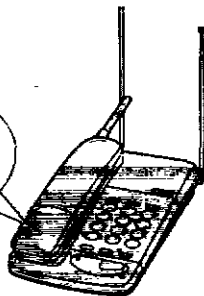


For Best Performance

Battery Charge

To power the handset, charge the battery for about **10 hours** before initial use (p. 11).

The battery is beneath this cover.

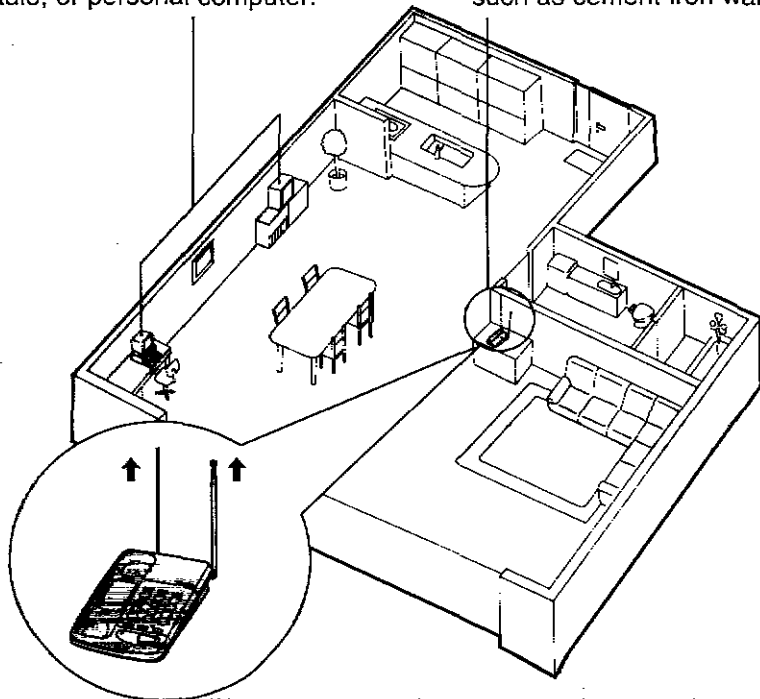


Operating Distance/Noise

Calls are transmitted between the base unit and the handset using wireless radio waves. **For maximum distance and noise free operation**, the recommended base unit location is:

Away from electrical appliances such as a TV, radio, or personal computer.

In a **HIGH** and **CENTRAL** location with no obstructions such as cement-iron walls.



Extend fully.

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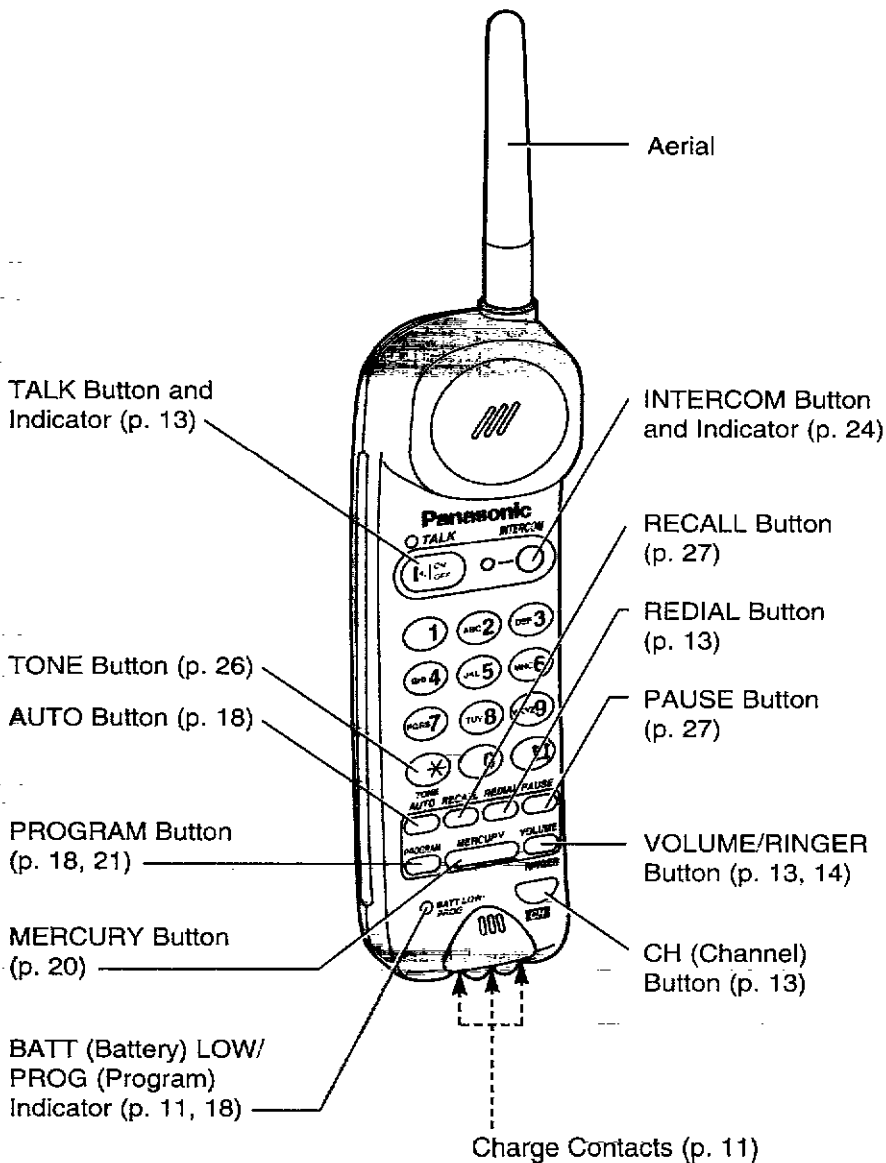
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Location of Controls



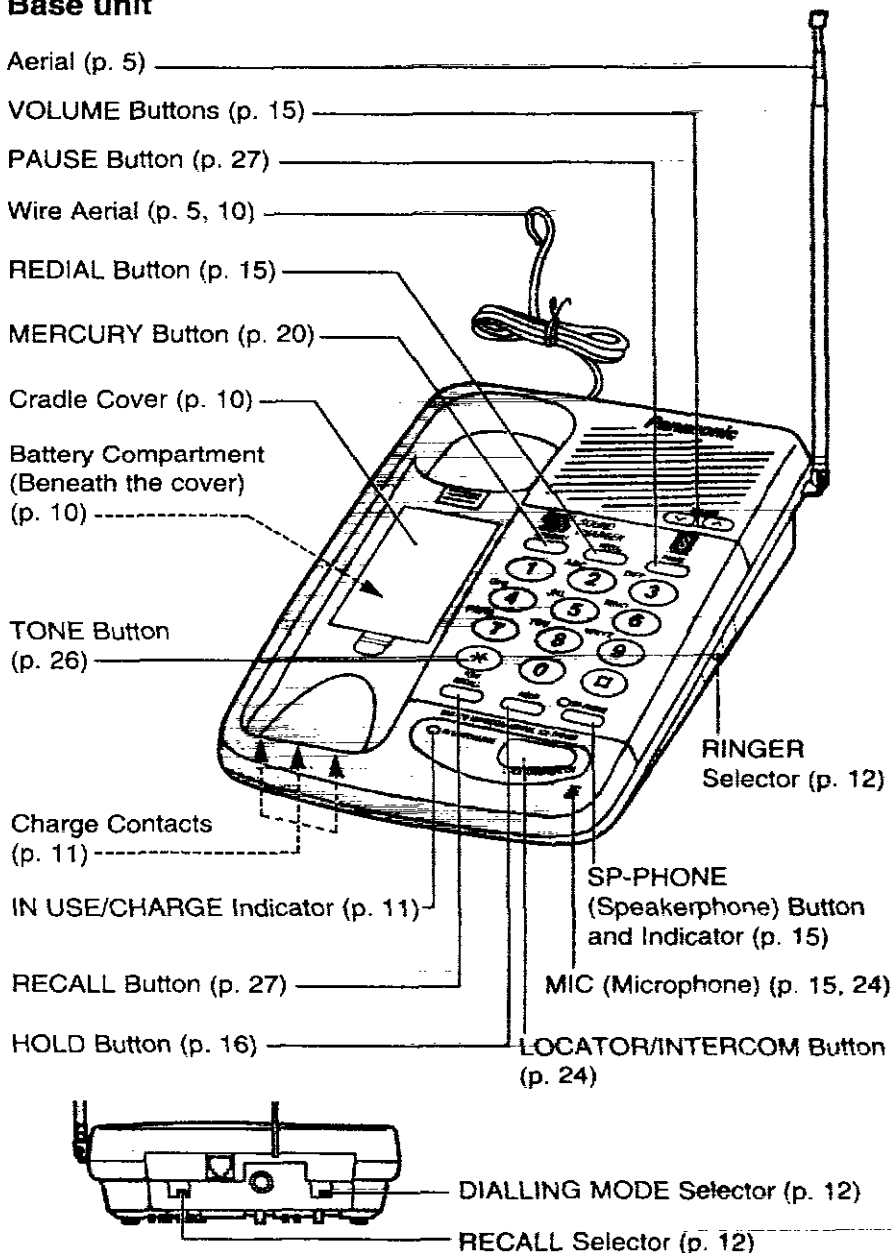
OPERATION

Handset



► Location of Controls

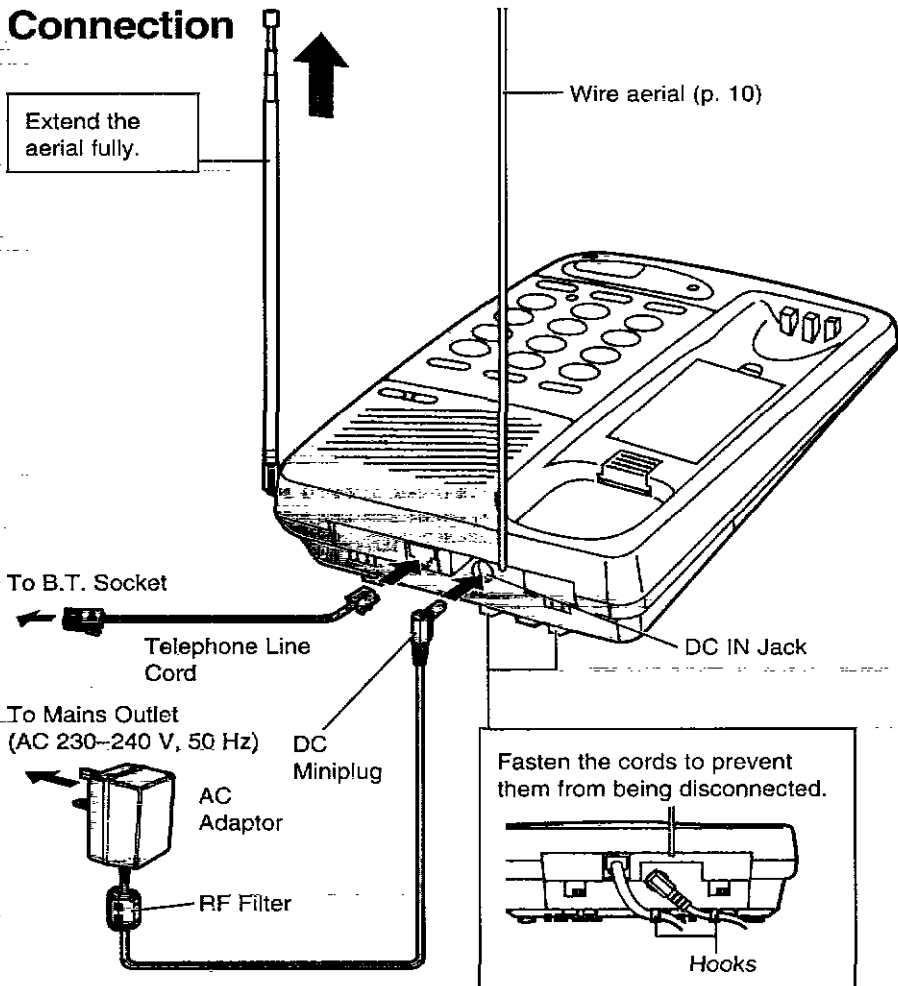
Base unit



Setting Up



Connection



Preparation

- USE ONLY Panasonic AC ADAPTOR KX-A311E with RF filter.
- The AC adaptor must remain connected at all times. (It may feel warm during use. This is normal.)
- If you connect a reserve telephone on the same line, see page 31.

CONNECTION OF POWER SUPPLY

This apparatus is intended for use when powered by the KX-A311E. Using other power supplies will invalidate any approval given to this apparatus.

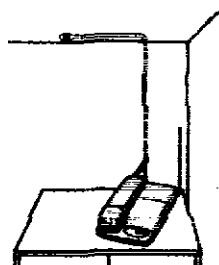
► Setting Up

Wire aerial installation

The base unit has a wire and telescopic aerial. The wire aerial is used to transmit sounds to the handset while the telescopic aerial is used to receive sounds from the handset.

Uncoil the wire aerial fully and fix the end to the highest position in the room. Avoid metal objects, such as window frames, for best performance.

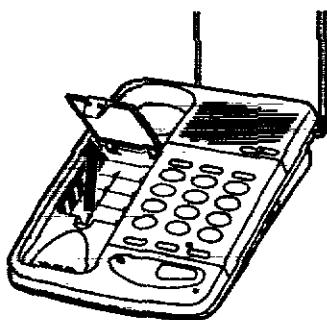
- Do not cut the wire aerial or connect to other wires.



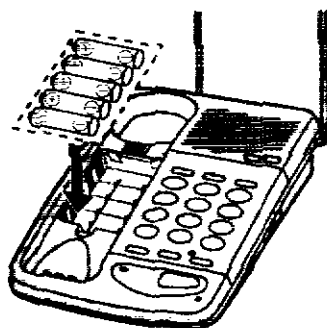
Installing batteries into the base unit

In order to operate the handset during a power failure (including access to **emergency services**), install five batteries (AA, R6 or UM-3 size) into the battery compartment. You can use the handset **for up to about 1 hour** when new batteries are installed. For use during a power failure, see page 17.

- 1 Open the cradle cover by pushing the tab and lifting the cover.



- 2 Install the batteries as indicated, matching the correct polarity, then close the cradle cover.



Battery precautions:

The batteries should be used correctly, otherwise the unit may be damaged due to battery leakage.

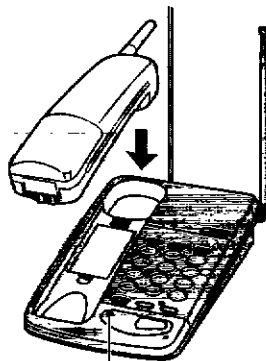
- Do not mix old, new or different types of batteries.
- Do not charge, short-circuit, disassemble, heat or dispose of in fire.
- Do not use Nickel-Cadmium batteries.
- Please replace the batteries annually.
- After a power failure, you should replace the batteries with new ones.
- Battery life depends on operating temperature and battery quality.



Battery Charge

Place the handset on the base unit for about **10 hours**.

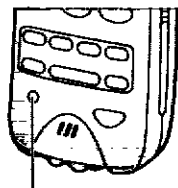
- The IN USE/CHARGE indicator lights.



IN USE/CHARGE Indicator

Recharge

When the BATT LOW/PROG indicator flashes or the unit beeps intermittently, recharge the battery.



BATT LOW/PROG Indicator

Standard battery life

If your Panasonic battery is fully charged;

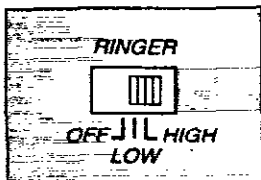
While in use (TALK)	Up to about 8 hours
While not in use (Stand-By)	Up to about 14 days

- Battery life may vary depending on usage conditions and ambient temperature.
- Clean the handset and the base unit charge contacts with a soft dry cloth once a month**, or the battery may not charge properly.
- Once the battery is fully charged, you do not have to place the handset on the base unit until the BATT LOW/PROG indicator flashes.
- The battery cannot be overcharged.

► Setting Up

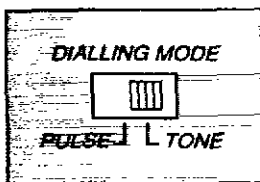
Selector Settings

① RINGER Selector



Select the ringer volume of the base unit. Set to "HIGH" or "LOW". When set to "OFF", the base unit will not ring.

② DIALLING MODE Selector

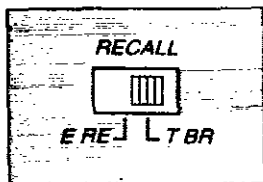


Set to "TONE" when your telephone line has touch tone service. If rotary service is used, set to "PULSE".

You can determine which type of local BT exchange you are connected to using the following procedure.

1. Ensure that the DIALLING MODE selector is set to "TONE".
2. Press **[TALK]**, then identify the dial tone.
3. Dial a number you are familiar with.
4. If the call is successful, you are connected to a tone exchange. Therefore, leave the DIALLING MODE selector as "TONE".
5. If the call is not successful, you are connected to a pulse exchange. Therefore, switch the DIALLING MODE selector back to "PULSE".

③ RECALL Selector



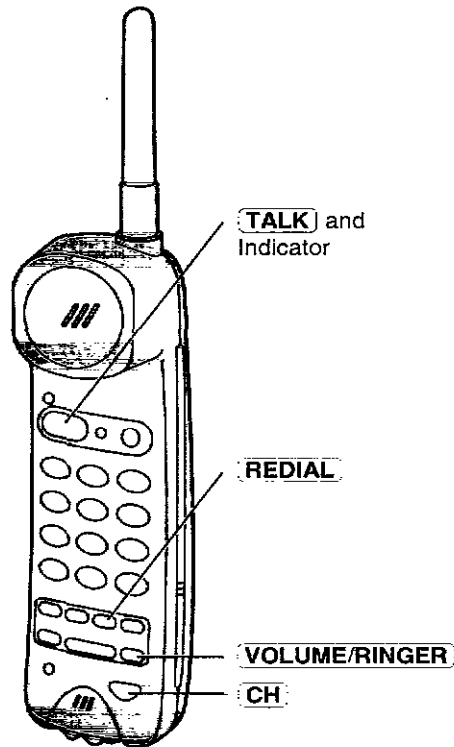
Set to "T BR" if the unit is to be connected directly to an exchange line. If the unit is to be connected via a PBX (switchboard), then you may need to switch to "E RE". Check with your switchboard manager or supplier for proper operation.

Making/Answering Calls



Making Calls with the Handset

- 1 Press **TALK**.
 - The indicator lights.
- 2 Dial a telephone number.
- 3 To hang up, press **TALK** or place the handset on the base unit.
 - The indicator light goes out.



Basic Operation

- If an alarm tone sounds in step 1, move toward the base unit or place the handset on the base unit. Then try again.

To redial the last number

Press **TALK** ► **REDIAL**.

To select the receiver volume HIGH (preset) or NORMAL

Press **VOLUME/RINGER** while talking.

- Each time you press the button, the volume level will change.

If noise interferes with the conversation

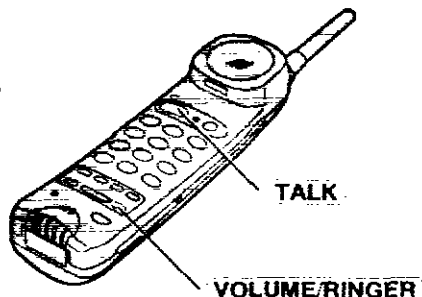
Press **CH** to select a clear channel or move closer to the base unit.

► Making/Answering Calls

Answering Calls with the Handset

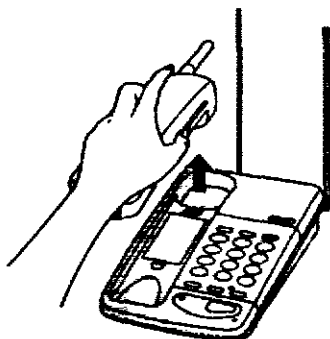
If the handset is off the base unit, press **TALK**.

- You can also answer a call by pressing any dialling button 0 to 9, *, or # (**Any Key Talk**).



OR

If on the base unit, just lift up.



To turn the ringer OFF

Be sure the TALK indicator light is off. ► While pressing **VOLUME/RINGER**, press **0** until 2 beeps sound.

To change the ringer to ON from OFF

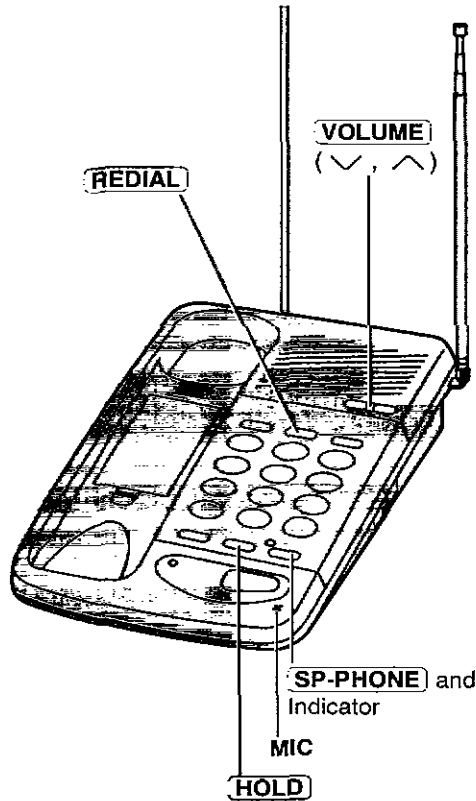
Be sure the TALK indicator light is off. ► Press **VOLUME/RINGER**.

- The ring tone will be heard.



Making Calls with the Base Unit (Speakerphone)

- 1 Press **SP-PHONE**.
 - The indicator lights.
- 2 Dial a telephone number.
- 3 When the other party answers, speak into the **MIC** (microphone).
- 4 To hang up, press **SP-PHONE**.
 - The indicator light goes out.



Basic Operation

- For best speakerphone performance, use in a quiet room and speak alternately with the caller. If the other party has difficulty hearing you, press ∇ to decrease the speaker volume. Reducing the speakerphone volume will increase the microphone sensitivity.
- While using the speakerphone, if the handset is on the base unit, you may switch to the handset by lifting it up.

To redial the last number

Press **SP-PHONE** \rightarrow **REDIAL**.

To adjust the speaker volume (12 levels)

To increase, press \wedge . To decrease, press ∇ .

► Making/Answering Calls

To put a call on hold

Press **HOLD**.

- The SP-PHONE indicator flashes.
- If you put a call on hold for 6 minutes, a warning tone will sound. The call will be disconnected after a total of 10 minutes.

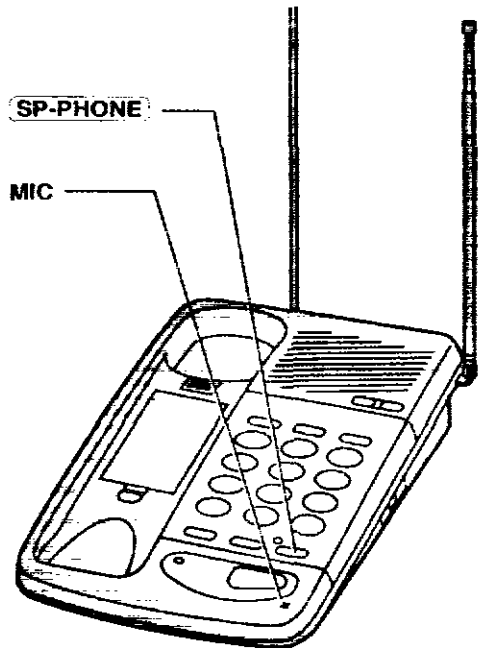
To release the hold

Press **SP-PHONE** or lift the handset off the base unit.

- If another phone is connected on the same line, you can also release the hold by lifting its handset.

Answering Calls with the Base Unit (Speakerphone)

- 1 Press **SP-PHONE**.
- 2 Speak into the **MIC**.
- 3 To hang up, press **SP-PHONE**.



Operation During a Power Failure

The unit will not function during a power failure. Installing optional batteries in the base unit enables you to use the handset during a power failure (p. 10). You can use the handset for up to about 1 hour when new batteries are installed. The base unit itself cannot operate during a power failure even when optional batteries are installed. Therefore, the following features will not be available:

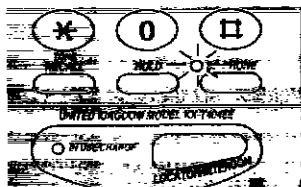
- Making or answering calls with the base unit
- Intercom
- Battery charge

If a power failure occurs during a call with the base unit, the call is put on hold automatically and you can resume the call with the handset (see below).

If a power failure occurs while using the speakerphone

1 When a power failure occurs, the SP-PHONE indicator on the base unit will start to flash.

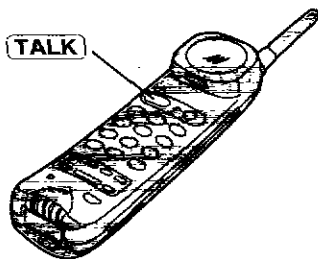
- The call is put on hold automatically.



2 The handset rings to inform you the call is put on hold. To answer:

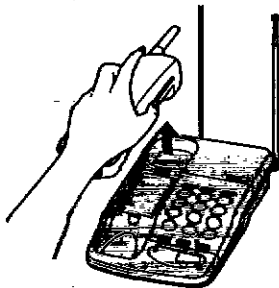
If the handset is off the base unit, press **TALK**.

- Any key talk is available (p. 14).



OR

If on the base unit, lift the handset.

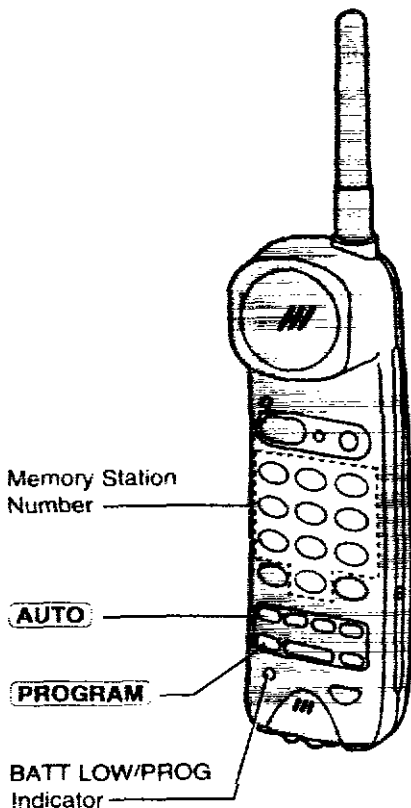


Automatic Dialling

Storing Phone Numbers in Memory

You can store up to 10 numbers in the handset. The dialling buttons (0 to 9) function as memory stations. The TALK indicator light must be off.

- 1 Press **PROGRAM**.
 - The BATT LOW/PROG indicator lights.
- 2 Enter a phone number up to 16 digits.
 - If you misdial, press **PROGRAM** to end storing, then restart from step 1.
- 3 Press **AUTO**.
- 4 Press a memory station number (0 to 9).
 - A confirmation tone sounds. (See below.)
 - To store other numbers, repeat steps 1 through 4.



What the confirmation tone means

- 1 beep: The new number is stored.
- 2 beeps: The number is the same as a previously stored one.

To erase a stored number

Press **PROGRAM** ➔ **AUTO** ➔ the memory station number (for the phone number to be erased).

Memory sticker

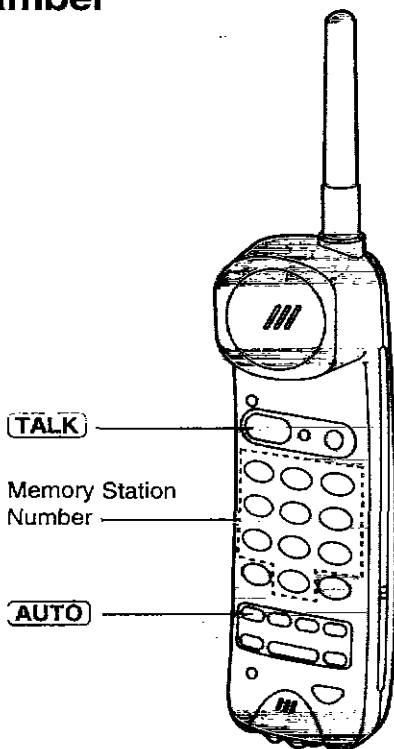
Use the included memory sticker as a name or phone number index for automatic dialling. Attach the sticker to the unit or in a convenient place.

TEL. STATION / AUTO / MEMORY DIALING	
1	6
2	7
3	8
4	9
5	0
TEL. NO.	

Dialling a Stored Number

- 1 Press **TALK**.
- 2 Press **AUTO**.
- 3 Press the memory station number (0 to 9).

•The stored number is dialled.



The Mercury Residential Service

Mercury's Residential Service is a highly competitive telephone service for the residential and small business user.

Most UK long distance and international calls are cheaper over Mercury, especially in the Economy period.

Mercury calls are rounded to the second, and charged to the nearest tenth of a penny. You will also receive fully itemized bills. Mercury Customer Services are available 24 hours a day to provide the highest level of customer service.

There are two ways to access Mercury, the Residential 132 Service and the Mercury PIN Codes Service. You can find out the best method for you by calling Mercury Customer Services on FreeCall 0500-500 194 (24 hours). Most homes and businesses are now able to access the Mercury network via their existing BT line. Mercury Customer Services will be able to check whether Mercury is available in your area.

All Mercury's charges and tariffs are the same for both methods of accessing Mercury—the only difference is how you connect to the Mercury network.

For Residential 132 Service Customers

Once you have become a Mercury Residential 132 customer, you simply dial 132 before a long distance or international call to send it over the Mercury network.

The MERCURY button on your unit comes with the digits "132" pre-stored in it.

To check that you have access to Mercury, press the TALK button, wait for the dial tone, press the MERCURY button, and dial 132. This call is free of charge. You should be connected to a recorded message welcoming you to the Mercury network. If you have any difficulties, please contact Mercury Customer Services (Fault Reporting) on FreeCall 0500-500 193 (24 hours).

To send your long distance and international calls over Mercury, press the MERCURY button before the STD code and telephone number of the person you are calling.

► The Mercury Residential Service

To check if the PIN code has been programmed correctly, press the TALK button, wait for the dialling tone, and press the MERCURY button (followed by 2 or 3 digit Cost Centre Code* if applicable) and dial 1500. This call is free of charge. During connection you will hear a series of short beeps. This is the Mercury dial tone. After a few seconds you should be connected to a recorded message welcoming you to the Mercury network. If you have any difficulties, please contact Mercury Customer Services on FreeCall 0500-500 193 (24 hours). (*Cost Centre Code: see page 23.)

Confirming the Mercury station's memory

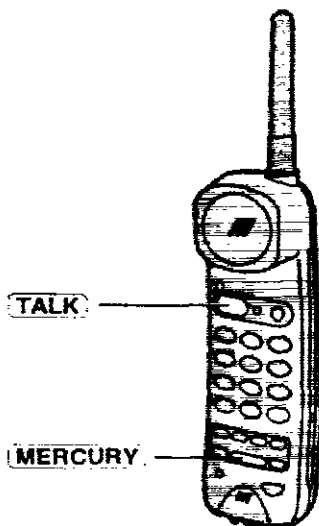
Store the Mercury code you want to confirm in the Mercury button. If you hear 1 beep, the code is newly stored in the memory. If you hear 2 beeps, the code is same as previously stored one. If you hear 6 beeps, the code is different from previously stored one. To store the new code, reset the Mercury memory (p. 23), then reprogram.

Making Calls via Mercury

With the Handset

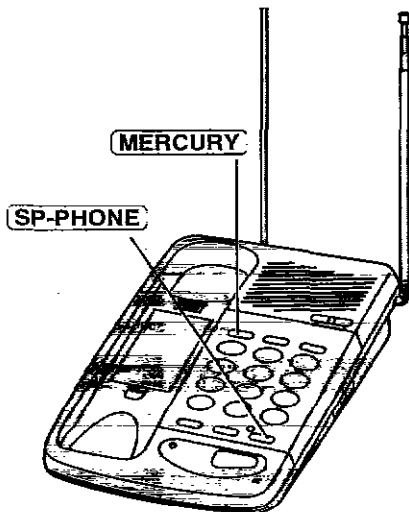
Please note that Cost Centre Codes* are not currently available with Residential 132 Service.

- 1 Press **TALK**.
- 2 Press **MERCURY**.
 - Short beeps sound.
- 3 Dial the chosen Cost Centre Code* (any 2 or 3 digit number except 112 or 999), if applicable (see page 23).
- 4 Dial a telephone number.
(Automatic dial memory can be used.)



With the Base Unit

- 1 Press **SP-PHONE**.
- 2 Press **MERCURY**.
 - Short beeps sound.
- 3 Dial the chosen Cost Centre Code* (any 2 or 3 digit number except 112 or 999), **if applicable (see below)**.
- 4 Dial a telephone number. (Automatic dial memory can be used.)



- You may also start from step 2. The speakerphone is turned on automatically by pressing **MERCURY**. In this case, short beeps will not sound.

Cost Centre Codes

Cost Centre Codes are selectable on your Mercury order form. By keying in a code number (either 2 or 3 digits) before dialling each and every Mercury call, businesses can allocate calls to different jobs, or residential users can see who is responsible for each call.

Resetting the Mercury Station's Memory (Returning to Residential 132 Service)

If you want to change your Mercury code to a new one or if you need to send your telephone away for repair, you must reset the Mercury station's memory using the following procedure.

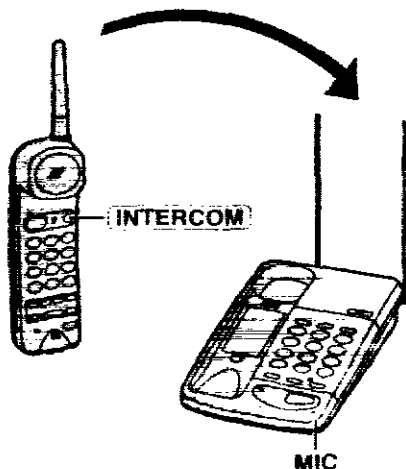
- 1 Press **PROGRAM**.
- 2 Press **MERCURY**.
- 3 Press **AUTO**.
 - The Mercury memory is reset to 132 (Residential 132 Services). You can store a new Mercury code (see page 21).

Intercom

A 2-way intercom is available between the handset and the base unit.

Paging the base unit from the handset

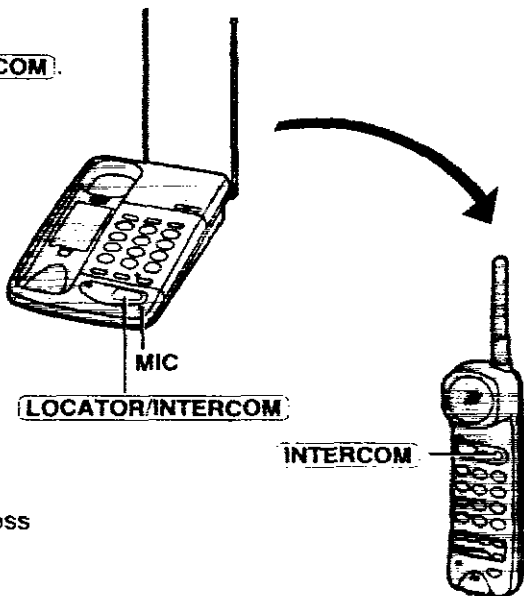
- 1 Handset:**
Press **INTERCOM**, then talk.
 - The indicator lights.
- 2 Base unit:**
When the other party's voice is heard, answer through the **MIC**.
- 3 Handset:**
To end the intercom, press **INTERCOM**.



Paging the handset from the base unit (Handset locator)

Using this feature, you can locate the handset if misplaced.

- 1 Base unit:**
Press **LOCATOR/INTERCOM**.
 - The handset beeps for 1 minute.
 - To stop paging, press **LOCATOR/INTERCOM** again.
- 2 Handset:**
Press **INTERCOM** to answer.
- 3 Base unit:**
Speak into the **MIC**.
- 4 Handset:**
To end the intercom, press **INTERCOM**.



During the intercom:

- Intercom calls can only be ended by the handset.
- If the handset user has difficulty hearing the base unit user, decrease the speaker volume by pressing ∇ . Reducing the speakerphone volume will increase the microphone sensitivity.
- If two tones sound, an incoming call has been received. To answer, press **TALK** or **SP-PHONE**. The intercom is ended.
- If you make a call, first end the intercom, then press **TALK** or **SP-PHONE**.

Transferring Calls Using the Intercom

The intercom can be used during a call. This feature enables you to transfer the call between the handset and the base unit.

From the handset to the base unit

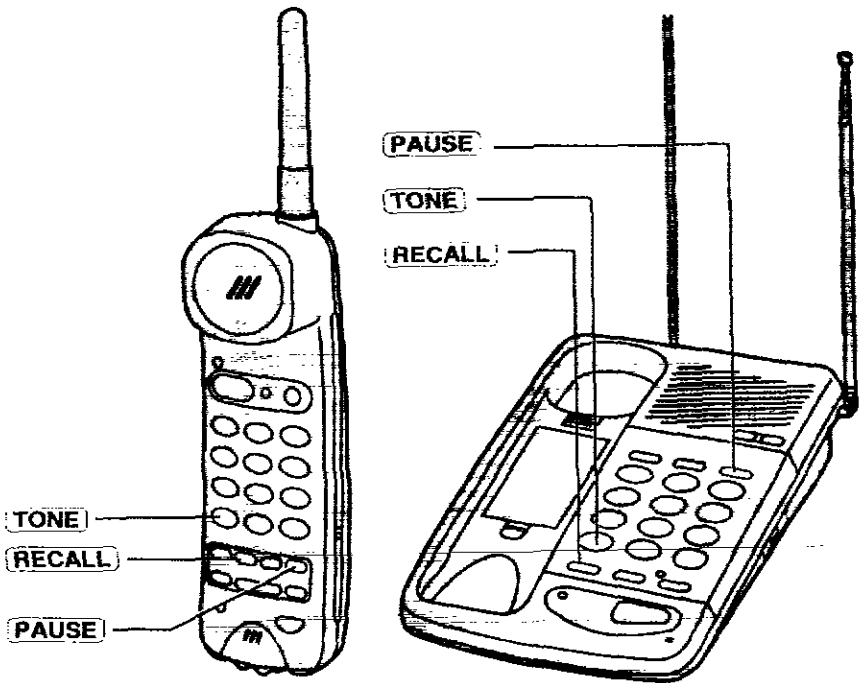
- 1** Handset:
During a call, press **INTERCOM**, then talk.
 - The call is put on hold.
- 2** Base unit:
When the paging party's voice is heard, answer through the **MIC**.
- 3** Base unit:
To answer the call, press **SP-PHONE**.
 - The transfer is completed.
 - The handset user can join the conversation by pressing **TALK**.

From the base unit to the handset

- 1** Base unit:
During a call, press **HOLD**.
 - The SP-PHONE indicator flashes.
- 2** Base unit:
Press **LOCATOR/INTERCOM**.
- 3** Handset:
Press **INTERCOM** to answer the page.
- 4** Handset:
To answer the call, press **TALK**.
 - The transfer is completed.
 - The base unit user can join the conversation by pressing **SP-PHONE**.

- While having a three way conversation, the quality of the sound may be a little impaired, this is not a fault condition.

Special Features



Automatic Security Code Setting

Whenever you place the handset on the base unit, the unit automatically selects one of 65,000 security codes. These codes help to avoid unauthorized use of your telephone line by another cordless telephone.

Temporary Tone Dialling

(For Rotary Service Users)

Press **TONE** before entering access numbers which require tone dialling.

- The dialling mode changes to tone. You can enter numbers to access answering systems, electronic banking services, etc. When you hang up, the mode returns to pulse.

If Your Unit is Connected to a PBX

We recommend you press **PAUSE** between the access number for an outside line and the phone number.

- Pressing **PAUSE** once creates a 3.5 second pause. This prevents misdialling when you redial or dial a stored number.
(**PAUSE** counts as one digit.)

Using the Recall Feature

The RECALL button is used to access special telephone services (optional) such as call waiting. Contact your telephone company business office for details.

Example: British Telecom call waiting

1. Ensure that you have set the RECALL selector to "T BR".
2. When a call waiting tone is heard during a conversation, press **RECALL**.
3. When a dial tone is heard, dial **2**.
The first call is put on hold and you can have a conversation with the second party.
4. **To keep the present call and return to the first call:**
Press **RECALL**, then dial **2**.
To hang up the first call:
Press **RECALL**, then dial **0**.
To hang up the present call and return to the first call:
Press **RECALL**, then dial **1**.

If your unit is connected to a PBX, pressing **RECALL** allows you to access some features of your host PBX such as transferring an extension call.

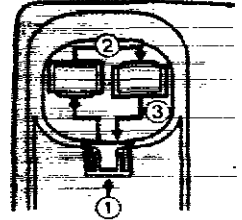
Advanced Operation

Wall Mounting

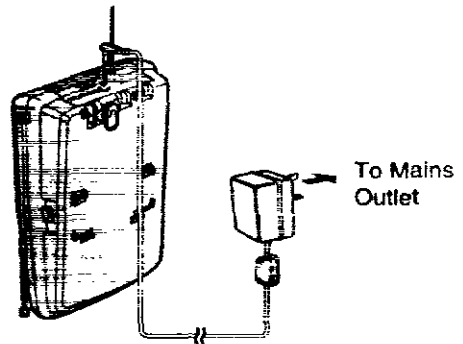
This unit can be wall mounted on a wall using screws and washers with other suitable wall fixings, if required.

Be sure to reverse the handset hook in the cradle **so the tab holds the handset.**

- ① Push to remove.
- ② Rotate 180°.
- ③ Replace with the tab facing upwards.

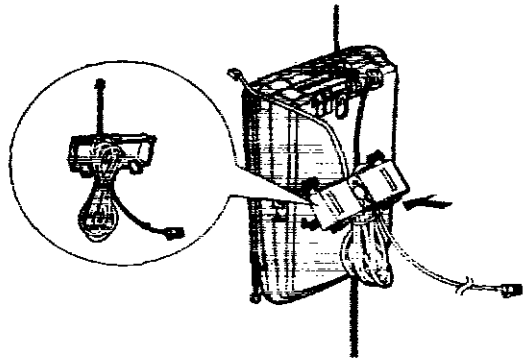


- 1 Connect the AC adaptor.



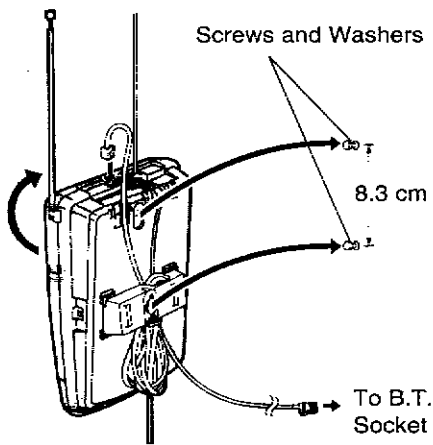
- 2 Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.

- The word "UP" should face upward.



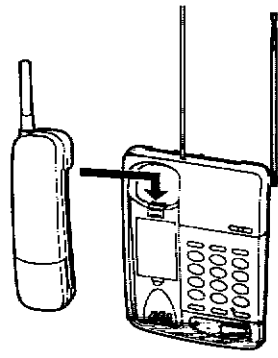
3 Install the screws and washers using the wall template below. Connect the telephone line cord to the B.T. socket. Mount the unit, then slide it down.

- Install the wire aerial (p. 10), then extend the telescopic aerial fully.

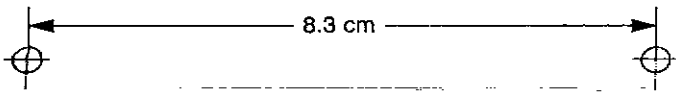


4 **To charge the battery:** Place the handset on the handset hook as shown.

- The IN USE/CHARGE indicator lights.



Wall Template

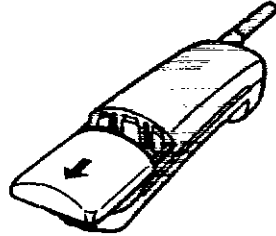


Useful Information

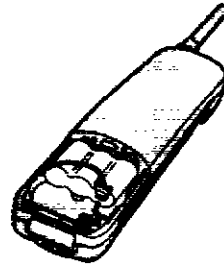
Battery Replacement

If the BATT LOW/PROG indicator flashes after being fully charged, replace with a new Panasonic KX-A36A battery. To prevent memory loss, replace within 5 minutes.

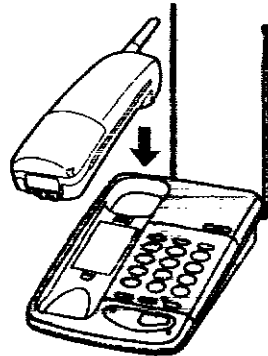
- 1 Remove the cover.



- 2 Replace the battery, then close the cover.



- 3 Charge the new battery for about 10 hours.



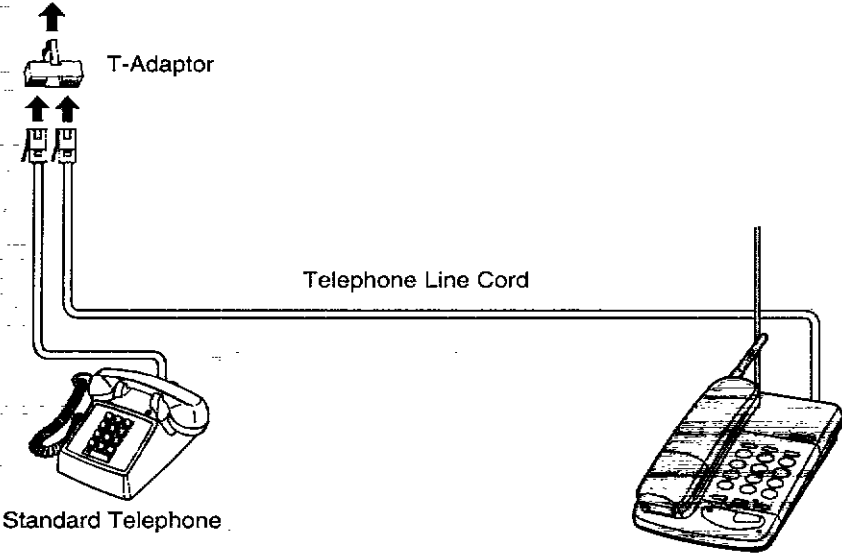
- At the end of its useful life, the Nickel-Cadmium battery must be disposed of properly.

Adding Another Phone

The unit will not function during a power failure.

To connect a standard telephone on the same line, use a T-adaptor.

To B.T. Socket



Useful Information

Before Requesting Help

Problem	Remedy
An alarm tone sounds when you press TALK or INTERCOM .	<ul style="list-style-type: none">• You are too far from the base unit. Move closer and try again.• Place the handset on the base unit and try again.• Plug in the AC adaptor.• Clean the charge contacts and charge again.
The unit does not work.	<ul style="list-style-type: none">• Check the setting (p. 9–12).• Charge the battery fully.• Clean the charge contacts and charge again.• Connect your unit to the main (first) socket in your premises. If it operates correctly, then there is a fault in your extension wiring. If it still fails to ring, consult your supplier.
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none">• Set the handset and the base unit away from other electrical appliances.• Move closer to the base unit.• Extend the wire and telescopic aerials on the base unit fully.• Press CH to change the channel.
The unit stops working during operation.	<ul style="list-style-type: none">• Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, then try again.
The handset does not ring.	<ul style="list-style-type: none">• The ringer volume is OFF. Press VOLUME/RINGER when the TALK indicator light is off.
The base unit does not ring.	<ul style="list-style-type: none">• The RINGER selector is set to OFF. Set to HIGH or LOW.
You cannot use the base unit during a power failure.	<ul style="list-style-type: none">• Even if optional batteries are installed in the base unit, the base unit will not function during a power failure. Only the handset can be operated (p. 17).• You can connect a telephone and use it during a power failure (p. 31).

Problem	Remedy
You cannot store a phone number in memory.	<ul style="list-style-type: none"> • You cannot store a number while the unit is in the talk, speakerphone or intercom mode. • Do not pause for over 30 seconds while storing.
While storing a phone number, the unit starts to ring.	<ul style="list-style-type: none"> • To answer the call, press TALK or SP-PHONE. The program will be cancelled. Store the number again.
You cannot make a call via mercury.	<ul style="list-style-type: none"> • The mercury memory has been altered or erased. You must reset the mercury memory (p. 23), then re-program the memory (p. 21).
LOCATOR/INTERCOM does not function.	<ul style="list-style-type: none"> • The handset is too far from the base unit or is engaged in an outside call.
During an intercom call, two tones sound.	<ul style="list-style-type: none"> • A call is being received. To answer, press TALK or SP-PHONE.
The BATT LOW/PROG indicator flashes or the unit beeps intermittently.	<ul style="list-style-type: none"> • Charge the battery fully (p. 11).
You charged the battery fully, but the BATT LOW/PROG indicator still flashes.	<ul style="list-style-type: none"> • Clean the charge contacts and charge again. • Install a new battery (p. 30).
The IN USE/CHARGE indicator light never goes out while charging.	<ul style="list-style-type: none"> • This is normal.
You cannot make a call.	<ul style="list-style-type: none"> • Press TALK or SP-PHONE, then try again.



Safety Instructions

Take special care to follow the safety suggestions listed below.

Safety

- 1) Power Source: The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
- 2) Non use Periods: When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.

Installations

Environment

- 1) Water and Moisture: Do not use this unit near water—for example, near a bath tub, washbowl, sink, etc. Damp basements should also be avoided.
- 2) Heat: The unit should be kept away from sources of heat such as radiators, cookers, etc. It also should not be placed in rooms where the temperature is less than 5°C (41°F) or greater than 40°C (104°F).

Placement

- 1) Stacking: Do not place heavy objects on top of this unit.
- 2) Foreign Material: Care should be taken so that objects do not fall onto and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
- 3) Surface: Place the unit on a flat surface.

For best performance

- 1) If noise prevents the conversation from being understood at the handset, move toward the base unit to reduce the noise.
- 2) The handset should be fully recharged on the base unit when the BATT LOW/PROG indicator flashes.
- 3) The handset aerial should not be touched during use because of its high sensitivity.
- 4) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

WARNING:

TO PREVENT THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.



73/23/EEC
89/336/EEC
92/31/EEC
93/68/EEC

STAMP
REQUIRED

Panasonic Business Systems U.K.

WILLOUGHBY RD.
BRACKNELL, BERKSHIRE
RG12 8FP

GUARANTEE

CONDITIONS OF GUARANTEE

This guarantee is in addition to and does not in any way affect any statutory or other rights of consumer purchasers. If within the applicable guarantee period, the appliance proves to be defective by reason of faulty design, workmanship or materials, we undertake subject to the following conditions to have the defective appliance (or any part or parts there of) repaired or replaced free of charge.

1. The appliance shall have been purchased and used solely within the UK and in accordance with standard operating instructions and the technical and/or Safety Standards required in the UK.
2. The purchaser will within 7 days of purchase complete the included card and send it to us for registration. Failure to return such card could result in delay in providing the guarantee service.
3. The appliance should be returned together with this guarantee and proof of date of purchase promptly on being found defective at the purchaser's risk and expense to the authorized dealer from whom the appliance was purchased or to the nearest authorized dealer. All enquiries must be through such dealers.
4. This guarantee shall not apply to damage caused through fire, accident, lightning, misuse, wear and tear, neglect, incorrect adjustment or repair, to damage caused through installation, adaption, modification or use in an improper manner or inconsistent with the technical and/or safety standards required in the country where this appliance is used, or to damage occurred during transit to or from the purchaser.
5. If at any time during the guarantee period any part or parts of the appliance are replaced with a part or parts not supplied or approved by us or of an objective quality safe and suitable for the appliance, or the appliance has been dismantled or repaired by any person not authorized by us, we shall have the right to terminate this guarantee in whole or in part immediately without further notice.
6. The purchaser's sole and exclusive remedy under this guarantee against us is for the repair or replacement of the appliance or any defective part or parts and no other remedy, including, but not limited to, incidental or consequential damage or loss of whatsoever nature shall be available to the purchaser.
7. This guarantee shall not apply to cassette tapes, batteries and any other items of limited natural life.
8. Our decision on all matters relating to complaints shall be final. Any appliance or defective part which has been replaced shall become our property.
9. The guarantee period applicable to this product shall be 12 months.

Please keep these Operating Instructions with your receipt.

Panasonic Business Systems U.K.

Receipt No.

Date of Purchase

Model No. **KX-T4046E**

Serial No.

129

Panasonic Business Systems U.K.

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Printed in the United Kingdom

PQQX11675ZC-UK KF0397MN1057 ©