

Panasonic

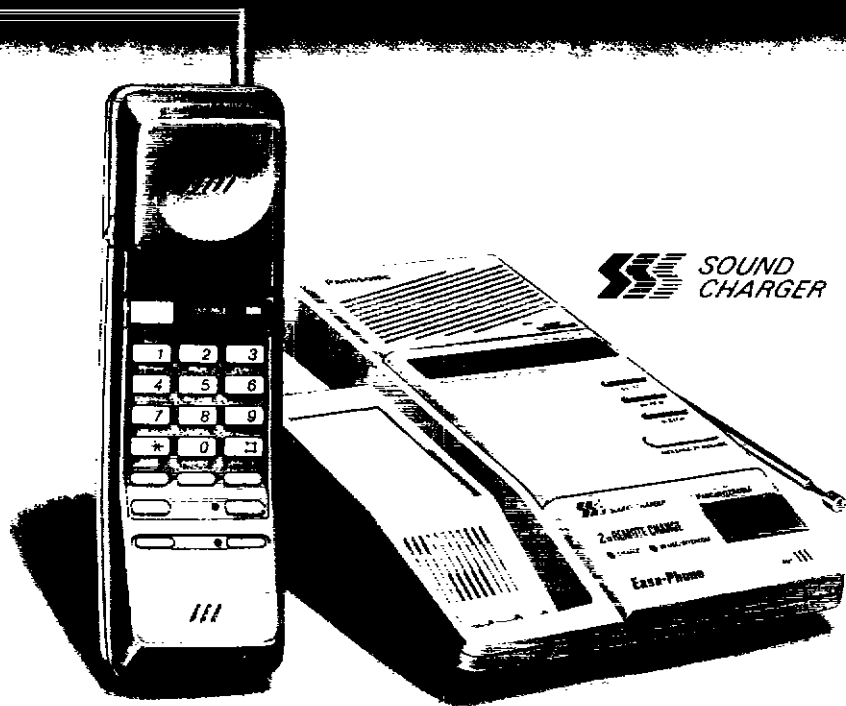
CORDLESS TELEPHONE
ANSWERING SYSTEM

MODEL NO. **KX-T4300BE**

Easa-Phone

Pulse-or-tone dialling capability

Operating Instructions



Please read before use.

AUTO-LOGIC

Charge the battery for about 10 hours before initial use.

XE

Important information

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

S/10103/V502554

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

- Outlet voltage 15 V, DC 550 mA
- The apparatus is approved for use with the KX-A24BE power supply.
- **CAUTION:** Do not remove cover. Live parts inside.

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) For connection to the public switched telephone network (PSTN) and compatible PBX (Private Branch Exchange), which use LD signalling and MF signalling. (Please consult your supplier for an up to date list of compatible PBX's.)
- b) The apparatus can be used on extension sockets connected to a direct exchange line (D.E.L.).
- c) This apparatus is suitable for connection to the telecommunication system directly or via compatible private branch exchange as an extension. The supplier of the apparatus should be consulted for an up to date list of PBX's with which the apparatus is compatible.
- d) This apparatus must not be connected in the following manner.
 - 1) As an extension to a pay phone
 - 2) As a party line with shared service

It cannot be guaranteed that the apparatus will operate under all possible conditions of connection to compatible PBX's.

- This apparatus is suitable for connection to a PBX with or without initial proceed indication.
- This apparatus is suitable for connection to a PBX with or without secondary proceed indication.

Interconnection directly, or by way of other apparatus, of ports marked "SAFETY WARNING. See instructions for use." with ports not so marked may produce hazardous conditions on the network and advice should be obtained from a competent engineer before such a connection is made.

This cordless telephone has been designed to operate on radio frequencies which have been assigned to the exclusive use of cordless telephone. 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 interference on some domestic radio receivers because the cordless telephone transmission is at 1.7 MHz leg.

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

- 1) Storage of telephone numbers for retrieval by a predetermined code
- 2) Automatic Dialling
- 3) Automatic storage of last number dialled
- 4) Repeat Attempt: Single
- 5) Simple telephone facility
- 6) PBX earth register recall
PBX timed break register recall
- 7) MF Signalling
- 8) LD Signalling
- 9) Mercury dialling compatibility
- 10) Pause
- 11) 3-step ringer volume selector:
HIGH/LOW/OFF
- 12) Answering & Recording Machine
- 13) Recording and playback of ICM
- 14) DTMF tone remote control system
- 15) Memo recording feature
- 16) Monitoring a telephone call
- 17) LED Call-Counter: to indicate received messages
- 18) Vox facility: detection of caller's hanging up
- 19) 3-step ring selector:
2 (NORMAL)/6/AUTO
- 20) Auto disconnect
- 21) Caller's recording time 2 minutes
30 seconds
- 22) Security code for remote operation

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.

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

WARNING:

The apparatus may be unable to make emergency 999 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.

The apparatus will normally return the greeting message within 3 seconds of answering the call.

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 call British Telecom Engineers. 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.

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEST CAREFULLY.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5 amp fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amps and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or

the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT

OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET

If a new plug is to be fitted please observe the wiring code as shown below. If in any doubt please consult a qualified electrician

IMPORTANT:

The wires in this mains lead are coloured in accordance with the following code:


Blue: Neutral

Brown: Live

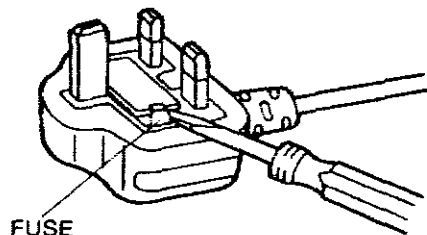
As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK

The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

Under no circumstances should either of these wires be connected to the earth terminal of the three pin plug, marked with the letter E or the Earth Symbol .

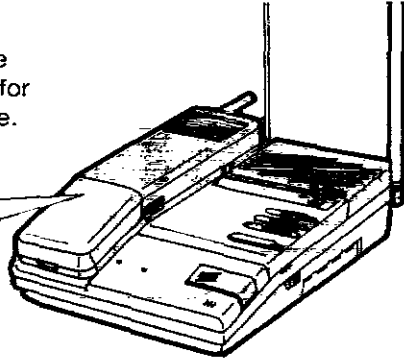
How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse and fuse cover



Precaution

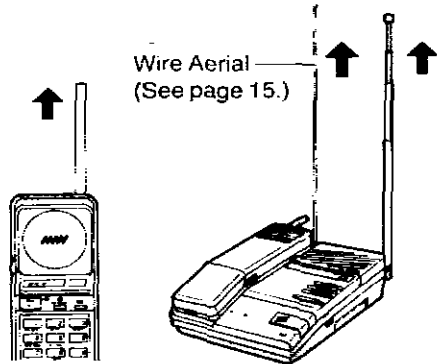
To power the portable handset, charge its battery by placing the portable handset on the cradle for about 10 hours before initial use.

The battery is beneath this cover.

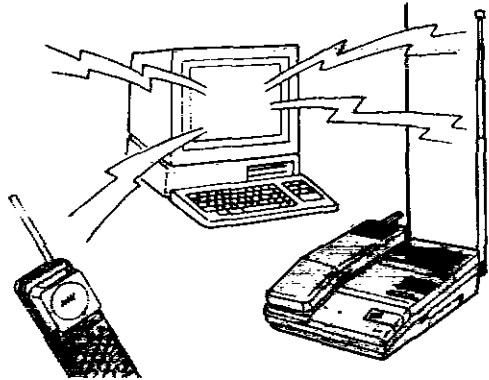


Extend the aeri^{als} of the base unit and the portable handset fully for best performance when using the portable handset.

Be careful when extending the rubber aerial, or it may suffer permanent damage.



The unit should be situated **away** from equipment that generates strong magnetic fields such as a personal computer, television, radio or fax. They may interfere with each other.



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<Basic operation>

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<Advanced operation>

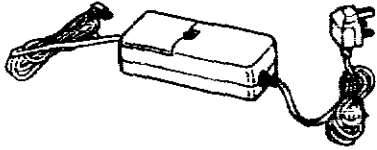
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Enclosures

AC Adaptor (KX-A24BE) one
(p. 13)



Screw (p. 59) two



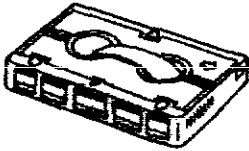
Wall Mounting Adaptor one
(p. 58)



Washer (p. 59) two



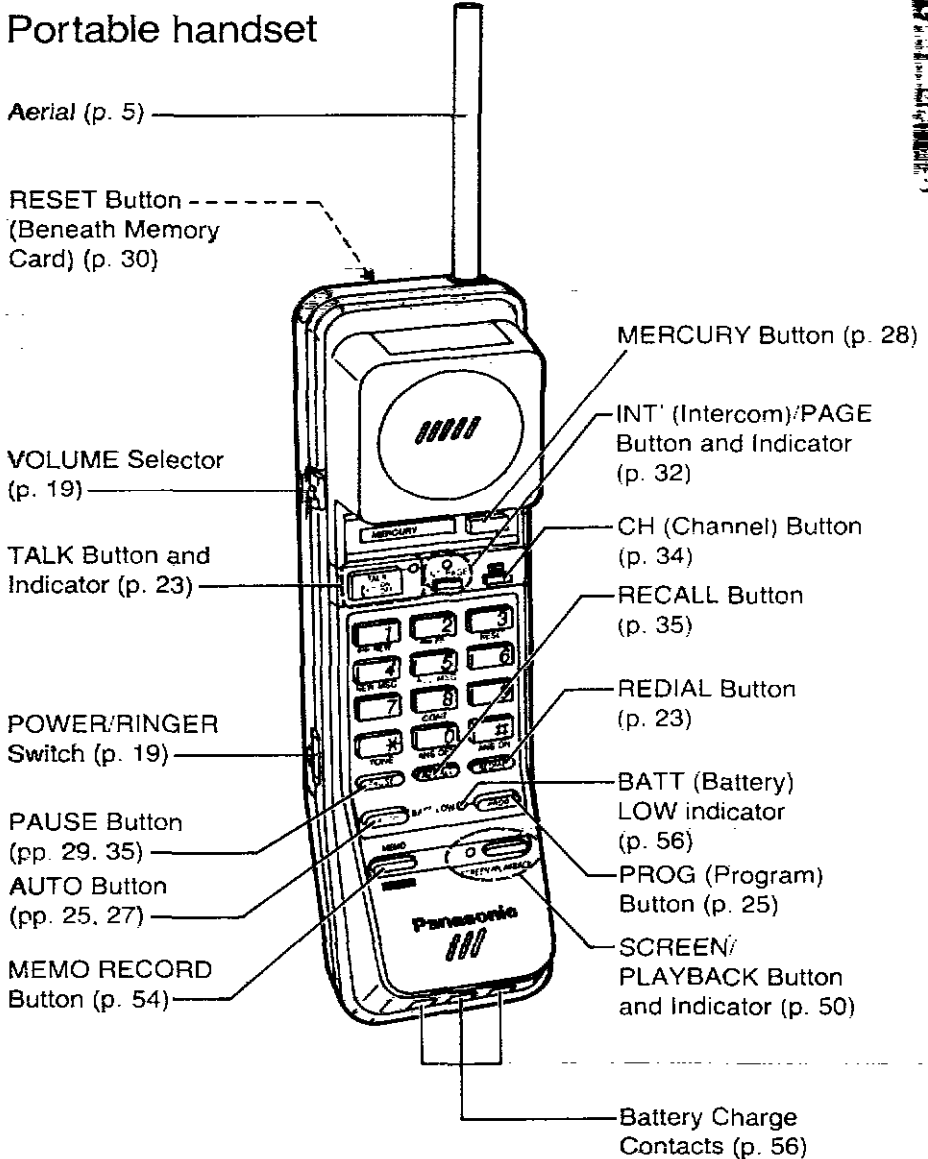
Micro Cassette Tape one
(MC-30)
(pp. 12, 60)



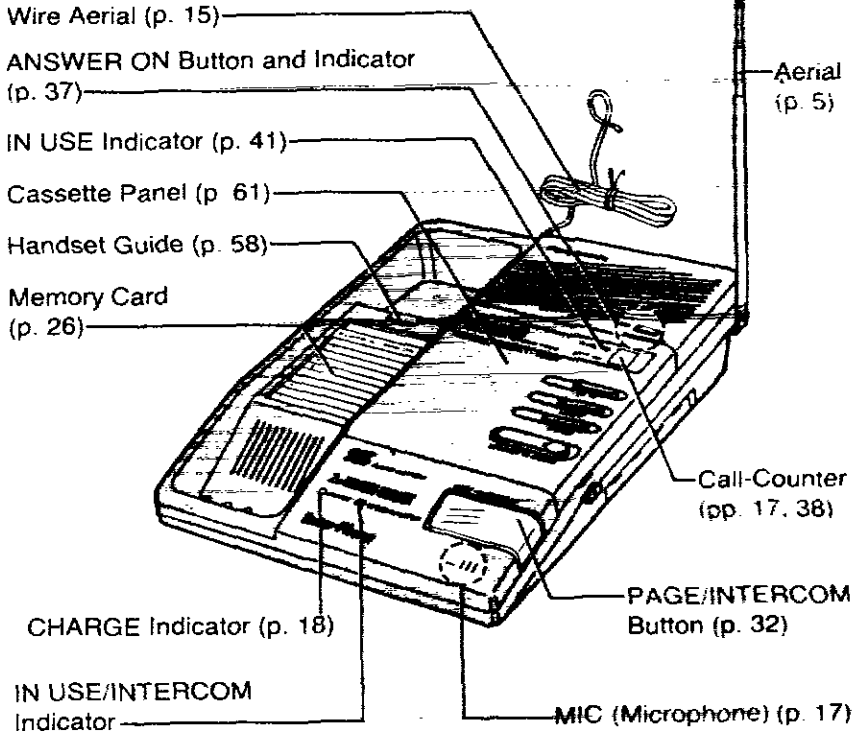
Location of controls

See the noted pages for details.

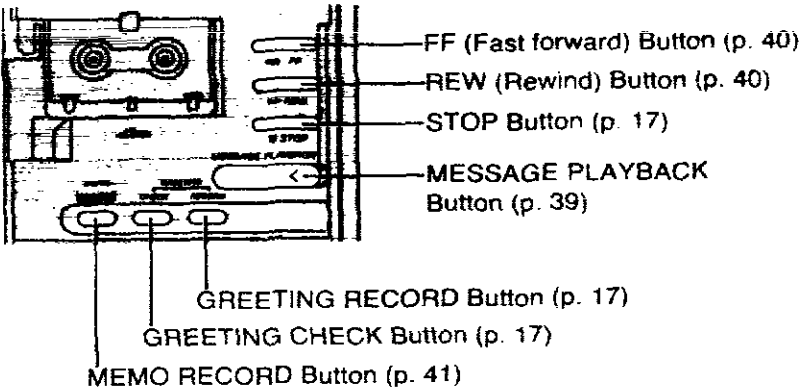
Portable handset



Base unit



In the cassette panel



Battery Charge
Contacts (p. 56)

VOLUME Control
(p. 17)

REMOTE CODE
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RINGS Selector (p. 20)

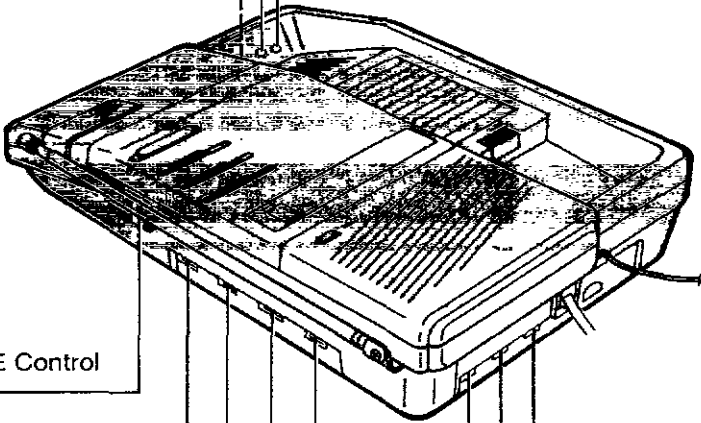
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Selector (p. 21)

RECALL Selector
(p. 21)



Installation

Please complete the following preparation before use, or the unit will not function properly.

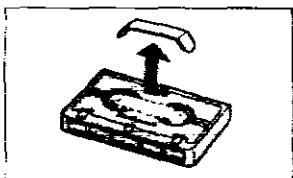
- Setting up the unit. (See below.)
- Recording your greeting message. (See page 16.)
- Charging the portable handset battery. (See page 18.)

Setting up the unit

Be sure to insert the micro cassette tape before connecting the AC adaptor.

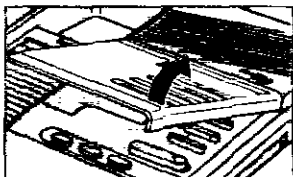
To insert the micro cassette tape

1



Remove the stopper of the micro cassette tape.

2



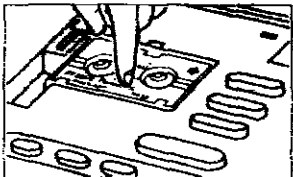
Open the cassette panel.

3



Insert the micro cassette tape with the full reel to the right and the exposed tape facing you.

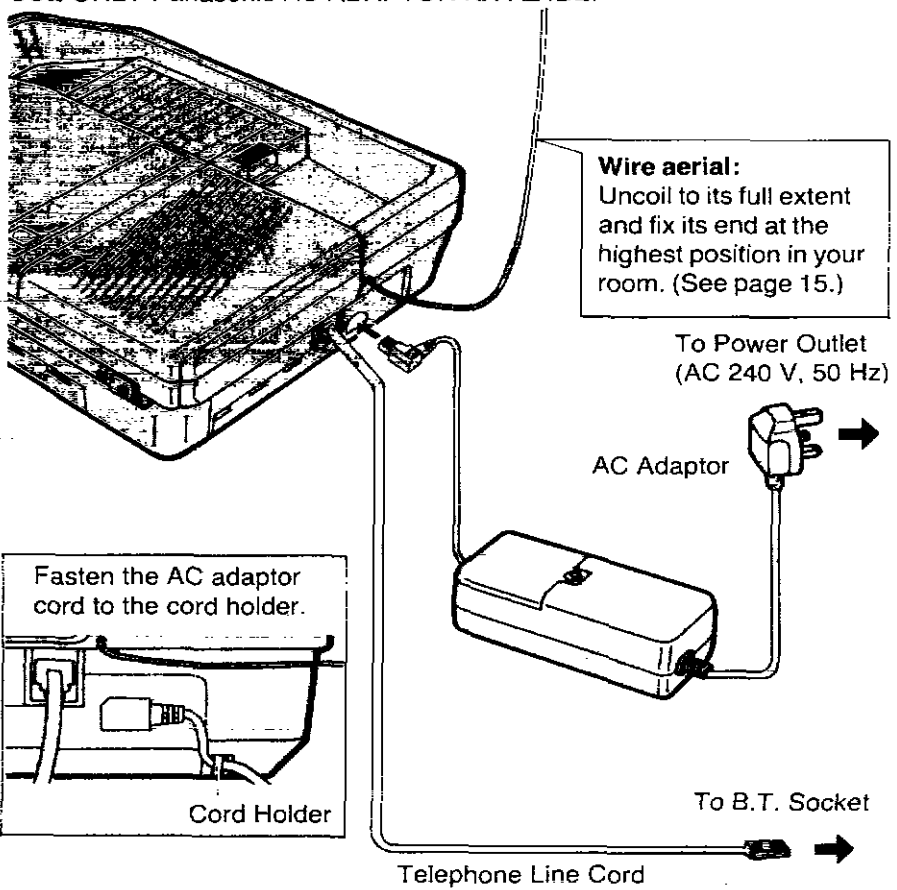
4



Press down the micro cassette tape.

— To connect the telephone line and AC adaptor

USE ONLY Panasonic AC ADAPTOR KX-A24BE.



Power failure protection

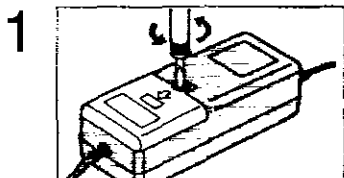
The unit will not function during a power failure. We recommend that you install ten optional batteries (AA, R6 or UM-3 size) into the AC adaptor. Then, you can operate all features except the answering system features, during a power failure. (See page 14.)

CONNECTION OF POWER SUPPLY

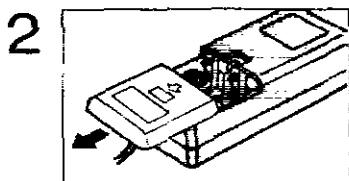
This apparatus is intended for use when powered by KX-A24BE. Other usage will invalidate any approval given to this apparatus if as a result it ceases to comply with the edition of BS 6301 to which it was approved.

Battery Installation into the AC adaptor

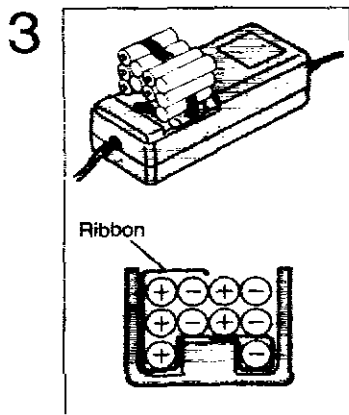
Installing ten optional batteries (AA, R6 or UM-3 size) into the AC adaptor enables you to operate all features except the answering system features during a power failure. You can use the unit up to 1 hour when installing new Panasonic batteries.



Loosen the screw.

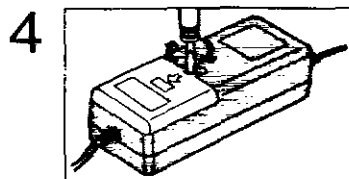


Open the battery compartment as shown.



Insert ten AA, R6 or UM-3 size batteries in the proper order as indicated observing the correct polarity.

Set the ribbon between the batteries as shown, which helps you to take out the batteries easily.



Close the battery compartment cover. Tighten the screw.

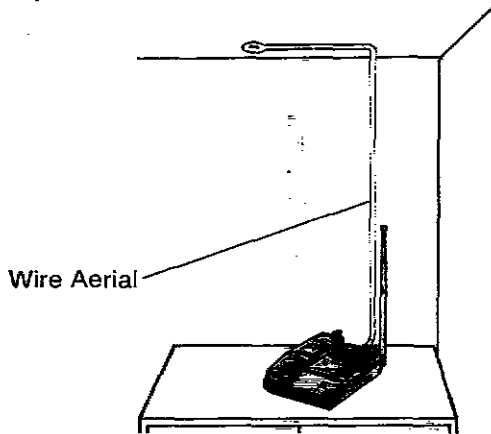
Please renew the batteries annually as a matter of routine. You should also replace the batteries which have been used during a power failure with new ones.

To install the wire aerial

The base unit has two types of aerial. One is a wire aerial and the other is a telescopic aerial.

The wire aerial is used to transmit sounds to the portable handset while the telescopic aerial is used to receive them from the portable handset.

Uncoil the wire aerial to its full extent and fix its end at the highest position in your room. Avoid metal objects such as window frames for best performance.

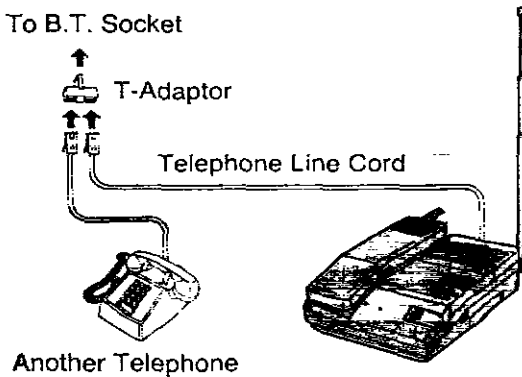


Note:

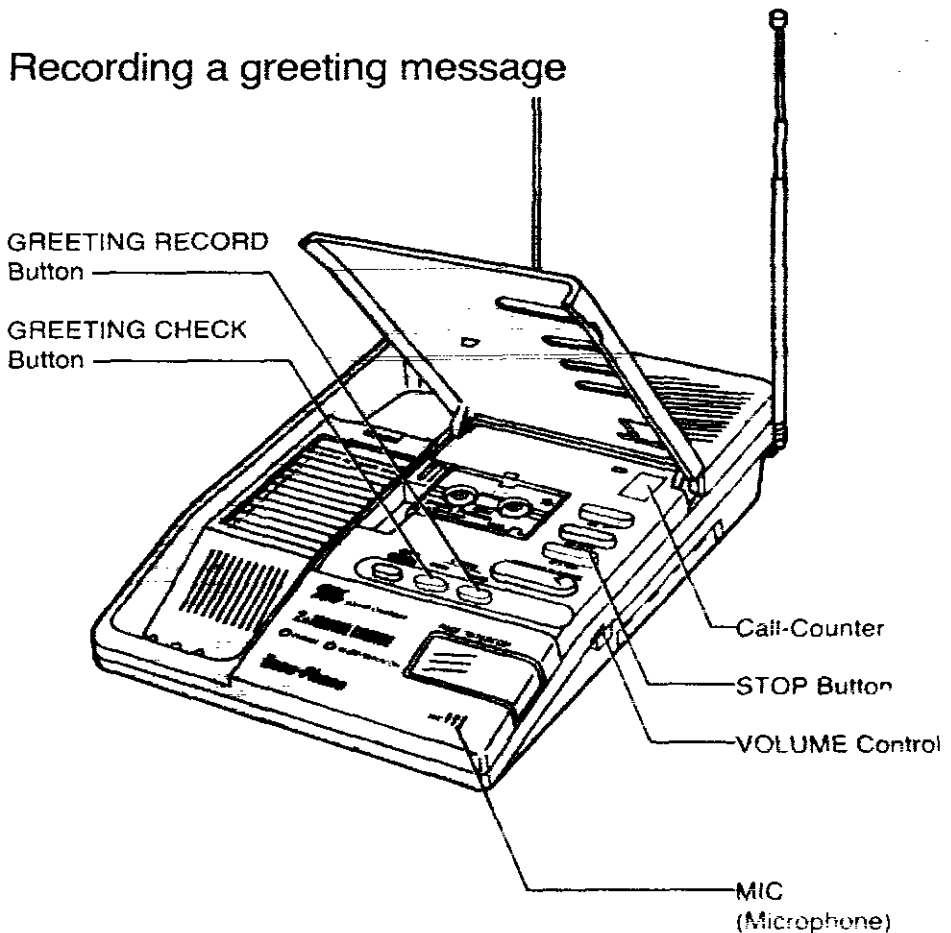
- Do not cut the wire aerial or connect it with other wires.

To connect another telephone

If you connect another telephone (standard telephone) on the same line in case of a power failure, please use a T-adaptor.



Recording a greeting message



Sample of the greeting message

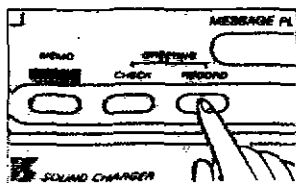
"Hello, this is John Smith. Sorry, I can't take your call. Please leave your message after the long beep. You have up to 2 minutes 30 seconds. If you hear 6 long beeps, I'm sorry but you cannot record your message, so please call me tomorrow. Thank you."

- The recording time of each caller's message is limited to 2 minutes 30 seconds maximum.
- Please inform the callers of the following:
They must start recording after hearing a series of short tones followed by a long beep. If 6 long beeps sound, it means that the cassette tape is full so that their message cannot be recorded.

Cautions:

- The recording time is up to 1 minute.
- Do not pause for over 2 seconds while recording. If 6 beeps sound and the Call-Counter shows "E" (error), start over again from step 1 of the following procedure.

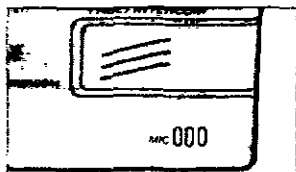
1



Open the cassette panel and press the GREETING RECORD button.

A series of short tones will sound, followed by a long beep.

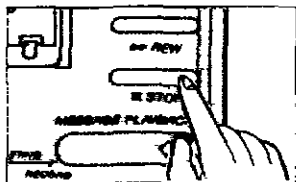
2



Immediately after the long beep, speak clearly and loudly, 20 cm (8") away from the MIC (microphone).

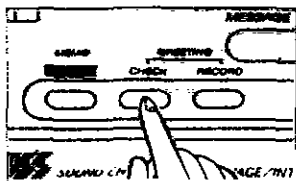
The Call-Counter counts up your recording time.

3



To stop recording, press the STOP button.

To check the greeting message



Press the GREETING CHECK button to play back the greeting message. Adjust the volume using the VOLUME control on the right side of the base unit.

Notes:

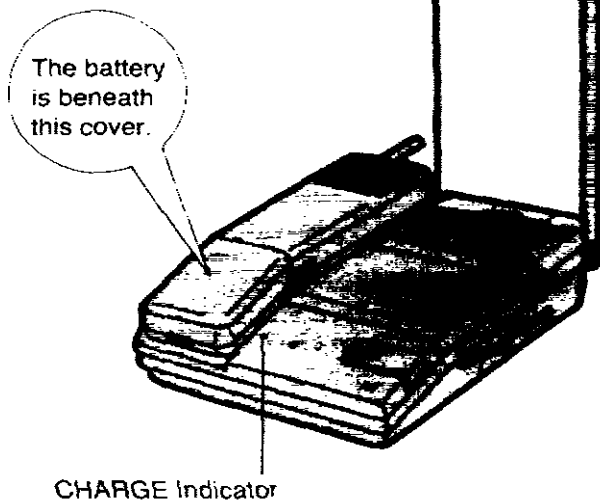
- When you want to re-record the greeting message, start over again from step 1.
- When you use the other side of the tape, please record the greeting message again.

Charging the portable handset battery

The portable handset uses a rechargeable battery. To power the portable handset, charge the battery before initial use.

Place the portable handset on the cradle for about 10 hours.

The CHARGE indicator light should be illuminated when the handset is on the cradle.

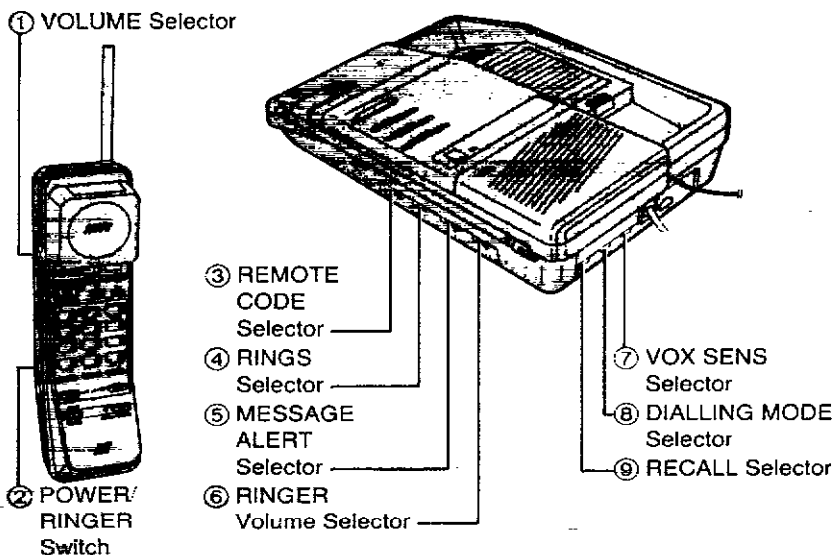


You can use the unit before 10 hours are up. But be sure to put the portable handset on the cradle after use so that it can continue to be charged.

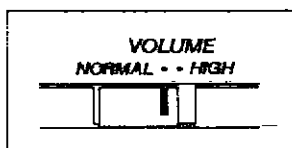
Note:

- Charging is also necessary when the BATT LOW indicator flashes or a beep sounds every 15 seconds during a conversation. (See page 56.)

Setting selectors

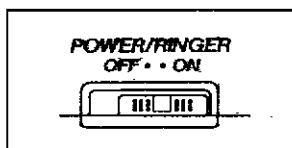


① VOLUME Selector



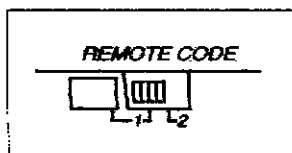
Set the VOLUME selector to the "NORMAL" position. When the other party's voice is difficult to hear, set the selector to "HIGH".

② POWER/RINGER Switch



Set the POWER/RINGER switch to the "ON" position. When in the "OFF" position, the portable handset does not ring. If you will not use the handset for a long period of time, set the switch to the "OFF" position.

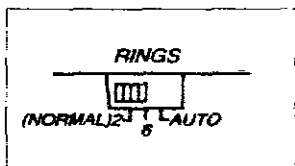
③ REMOTE CODE Selector



Set the remote code number when operating the answering system from a touch tone phone. (See page 42.)

(continue on next page →)

④ RINGS Selector



The RINGS selector (answer mode selector) has three positions as follows:

- **Position "2"** may be referred to as "NORMAL" as it enables the machine to answer incoming calls in a reasonably short time. The machine answers the call on the second ring.
- **Position "6"** makes the machine answer on the 6th ring.
- **Position "AUTO"**, known as "Toll saver", benefits you. Although the machine will answer an incoming call after either second or 6th ring as normal, it also indicates to you (when ringing in), if there are any messages. (See page 43.)

If the machine answers after second ring, you will know that there is at least one message. If it continues to ring (into the third and fourth ring) the indication is that there are no messages and you can "ring off" before the machine answers, thus saving a charge i.e. "Toll saving".

"NORMAL" switch position should generally be selected unless you specifically wish to take advantage of the "toll saver facility".

Callers are generally accustomed to their calls being answered within 10 seconds and most callers abandon the call in under 45 seconds if no reply is obtained. This machine will answer incoming calls in under 10 seconds if required.

⑤ MESSAGE ALERT Selector

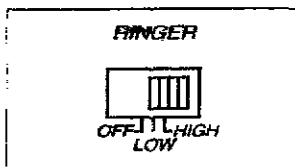


You will know that new messages have been recorded by hearing a beep sound from the base unit.

ON: When new messages have been recorded, a short beep sounds every 10 seconds. The beeping stops after the messages have been played back.

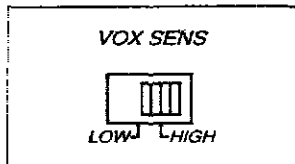
OFF: No beep sounds.

⑥ RINGER Volume Selector



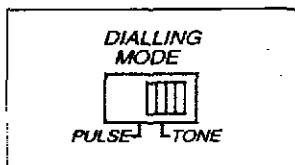
Used to set the ringer volume of the base unit. Set to the "HIGH" or "LOW" position. When setting to the "OFF" position, the base unit does not ring.

⑦ VOX SENS Selector



If either the tape continues to run after a caller has replaced his handset or there are long pauses between or after messages, set the selector to the position "LOW". (Normally the switch is preset to the position "HIGH".)

⑧ DIALLING MODE Selector

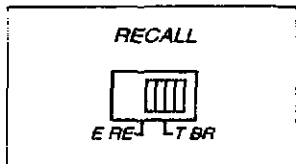


Set the DIALLING MODE selector to the "TONE" position when your telephone line has touch tone service. If it has rotary service, set the selector to the "PULSE" position.

You can ascertain 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 the TALK button, 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 to TONE.
5. If the call is not successful, you are connected to a Pulse exchange. Therefore, switch the DIALLING MODE selector back to PULSE.

⑨ RECALL Selector



Set the RECALL selector 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". If you are in any doubt, then please contact your switchboard manager or supplier for advice.

Making calls

Extend the aerial of the portable handset fully for best performance when using it.

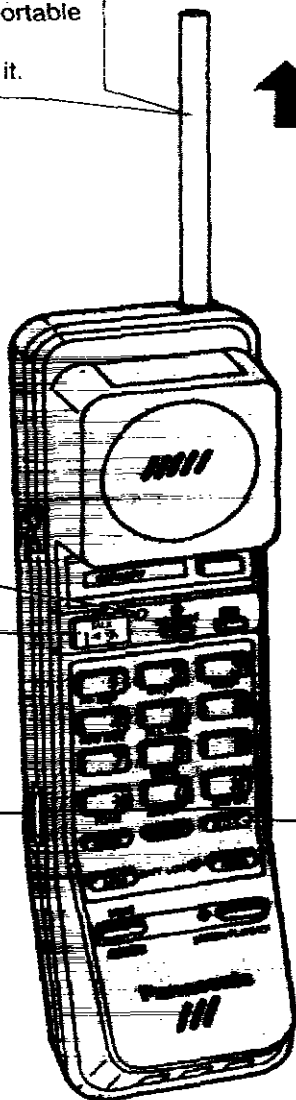


TALK Indicator

TALK Button

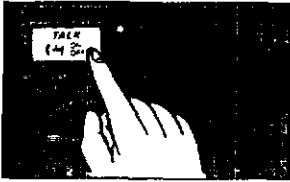
POWER/RINGER
Switch

REDIAL Button



Be sure that the POWER/RINGER switch on the portable handset is set to the "ON" position.

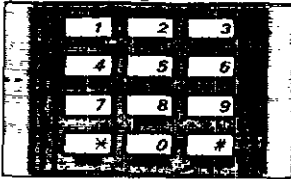
1



Press the TALK button to get dial tone.

The TALK indicator light is on.

2



Dial a telephone number.

3



When your conversation is over, press the TALK button or place the portable handset on the cradle to hang up.

The TALK indicator light goes out.

Cordless telephone

To redial

1



Press the TALK button to get dial tone.

The TALK indicator light is on.

2



Press the REDIAL button.

The last dialed number is automatically dialed.

Answering calls

- Be sure that the POWER/RINGER switch on the portable handset is set to the "ON" position, or the portable handset will not ring.
- Extend the aerial of the portable handset fully for best performance when using it.

If the portable handset is out of the cradle



When the telephone rings, press the TALK button to answer the call.

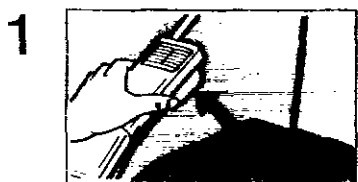
The TALK indicator light is on.



When your conversation is over, press the TALK button or place the portable handset on the cradle to hang up.

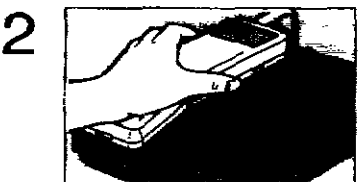
The TALK indicator light goes out.

If the portable handset is on the cradle



When the telephone rings, pick up the portable handset to answer the call.

You can talk without pressing the TALK button.



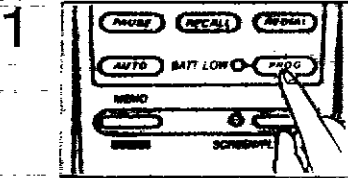
When your conversation is over, place the portable handset on the cradle or press the TALK button to hang up.

Automatic dialling

The unit can store 10 phone numbers in memory. You can dial a stored number automatically by pressing the AUTO button and one of the dial buttons.

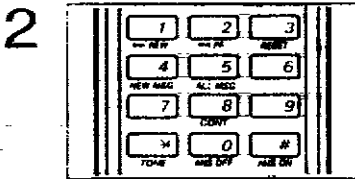
Storing phone numbers in memory

Each dial button (0 through 9) works as a memory station for automatic dialling. Each station can store a 16-digit phone number.

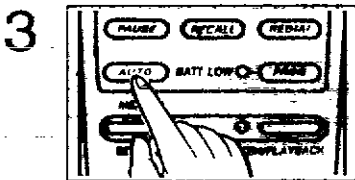


Press the PROG button.

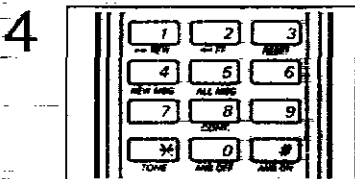
The BATT LOW indicator light is on. It shows the unit is in the programming mode.



Enter the phone number you want to store up to 16 digits long.



Press the AUTO button.



Press one of the dial buttons (0 through 9) to store the phone number.

A beep sounds and the BATT LOW indicator light goes out. The phone number is then stored into the memory location.

To store other numbers, repeat steps 1 through 4.

Basic operation

To correct an error while storing

Press the PROG button to end the programming mode, then start from step 1 on page 25 again to store the correct number.

To confirm a stored number

Re-enter the number into the same memory location for confirmation. You will hear one or two beeps.

2 beeps: The newly stored number is the same as the previously stored one.

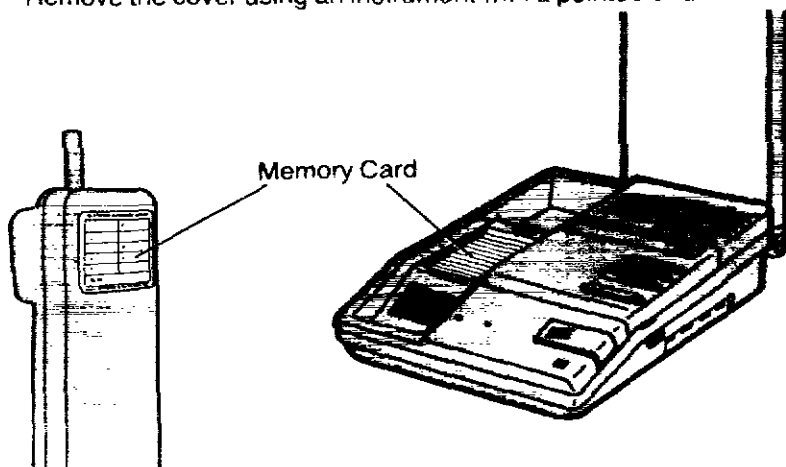
1 beep: The newly stored number is different from the previously stored one. Re-program the correct number.

To erase a stored number

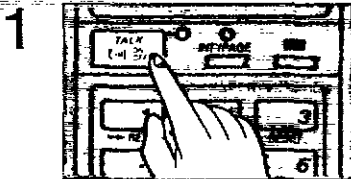
1. Press the PROG button.
2. Press the AUTO button.
3. Press the dial button of the memory location where the phone number you want to erase is stored.

Memory card

Use the memory card to write down the names or phone numbers associated with automatic dialling. You can use the reverse side, too. Remove the cover using an instrument with a pointed end.

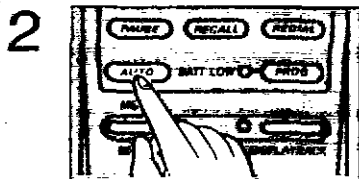


Dialling a stored number from memory

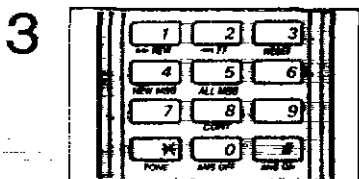


Press the TALK button to get dial tone.

The TALK indicator light is on.



Press the AUTO button.



Press the dial button (0 through 9) where the phone number you want to dial is stored.

The stored number is dialled automatically.



For Mercury dialling

The KX-T4300BE is fully approved and compatible with the Mercury Telephone network.

Mercury's 2300 service is a highly competitive telephone service for the residential and small business user.

Most homes and businesses are now able to access the Mercury network via their existing BT line. You can check whether your STD code is in a Mercury access area on the list provided with the Mercury application form.

Not only does Mercury offer significant savings on trunk and international calls but customers also receive fully itemized bills. And with a Customer Assistance Centre caring for the needs of their customers 24 hours a day, Mercury gives its customers the best value for money.

To apply for Mercury's 2300 Service simply complete and return the enclosed application form. If you require any further information you can call Mercury Customer Assistance on 0500 500 194 free of charge

The Mercury button on your telephone enables you to access the Mercury network by means of a PIN Code, for which there is a nominal fixed annual charge (£10 plus VAT at time of going to press), call charges are of course extra. No additional telephone lines are required local calls can continue to be made via British Telecom, using your existing British Telecom telephone line.

Programming the MERCURY button

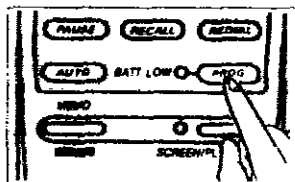
After you apply for Mercury's 2300 Service you will receive a Mercury PIN Code in two separate parts.

The PIN code, which is similar to a bank PIN number, identifies you as a Mercury customer and will need to be stored in the telephone memory using the Mercury button

Before programming your telephone with the Mercury PIN code, make sure which type of local BT exchange you are connected to. See page 21

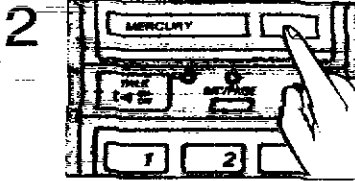
Ensure that the unit is plugged into the BT socket.

1

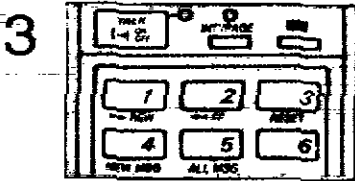


Press the PROG button.

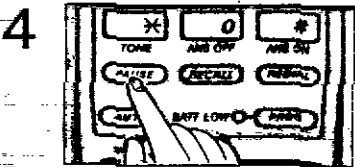
The BATT LOW indicator lights to show the unit is in programming mode.



Press the MERCURY button.



Dial 131.

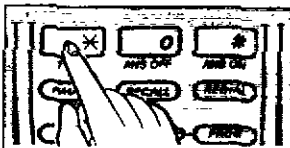


If you are connected to a Tone exchange;

Press the PAUSE button *once*.

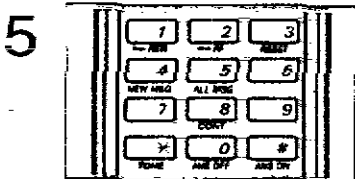
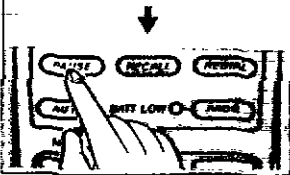
If programming proves unsuccessful, press the PAUSE button twice.

OR



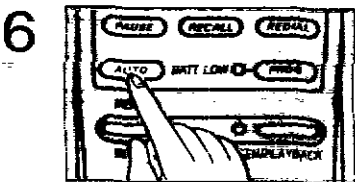
If you are connected to a Pulse exchange;

Press the * (TONE) button, then press the PAUSE button once.



Enter the digits of the Mercury PIN Code (part 1 then part 2).

To correct an error while programming, press the PROG button, then proceed from step 1 again.



Press the AUTO button to store the program into memory.

(continued on next page →)

Cordless telephone

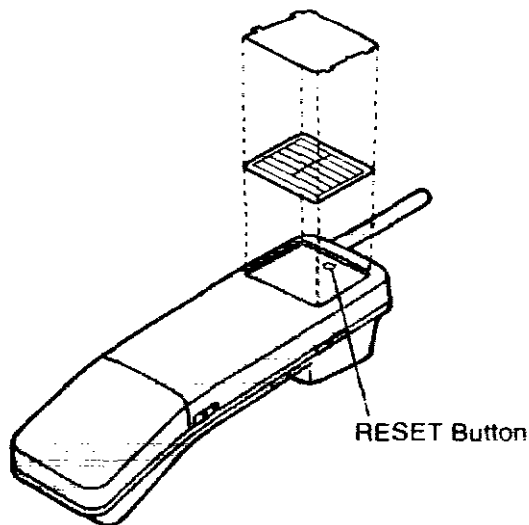
Advanced operation

To check if the PIN code has been programmed correctly, press the TALK button, wait for the dialling tone, press the Mercury button (followed by 2 or 3 digit cost centre code* if applicable) and dial 1500. This call is free of charge. 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 Assistance on 0500 500 193 (24 hours). (*Cost centre code: see page 31.)

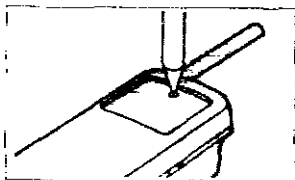
Resetting the Mercury station's memory

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 clear the existing Mercury PIN using the RESET button.

The RESET button is located under the memory card. Remove the cover and the memory card.



To reset

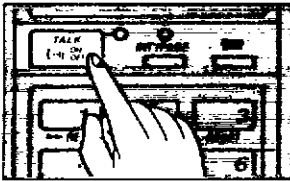


Press the RESET button to clear the stored code using a pointed end such as a ball point pen.

The stored Mercury code is erased. You can store a new Mercury code (See pages 28-29.)

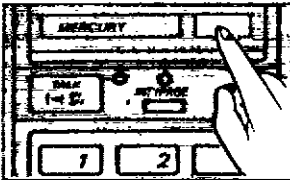
Making a call via Mercury

1



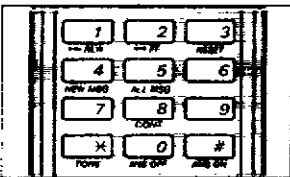
Press the TALK button.

2



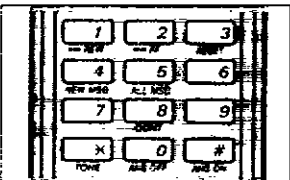
Press the MERCURY button.

3



Dial the chosen Cost Centre Code* if applicable (see below).

4



Dial either the number required, or automatic dial memory.

Cordless telephone

*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. If you have requested this option, then to make a call via Mercury you must:

1. Press the TALK button.
2. Press the MERCURY button.
3. Key in the your chosen cost centre code (any two or three digit number except 999).
4. Dial either the number required, or automatic dial memory.

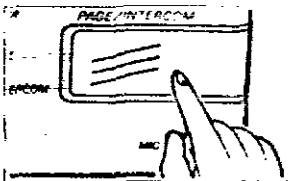
Intercom between the base unit and the portable handset

You can use the unit as a two-way intercom between the portable handset and the base unit.

Intercom mode can be maintained up to about 3 minutes. When the time-out comes near, the alarm tone sounds. Then the intercom mode is terminated forcibly. Be sure to finish the intercom mode before 3 minutes are up, or the facility of paging, intercom and the remote operation from the portable handset will be inoperable within 1 minute of the time-out.

To page the portable handset from the base unit

1

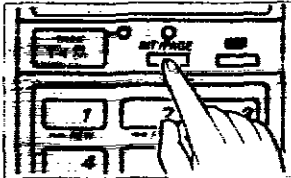


The base unit user:

Press the PAGE/INTERCOM button

The base unit beeps until the portable handset user answers your paging. If no answer, press the PAGE/INTERCOM button again to stop paging.

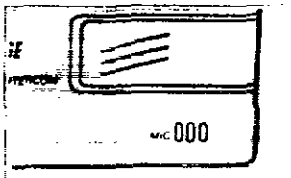
2



The portable handset user:

When the beep sounds and INT/PAGE indicator flashes, press the INT/PAGE button to answer the paging.

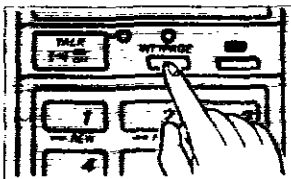
3



The base unit user:

Speak to the paged party through the MIC (microphone).

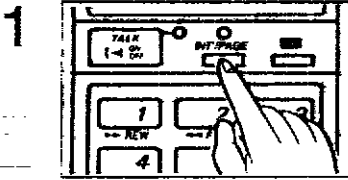
4



When your conversation is over, press the INT/PAGE button on the portable handset

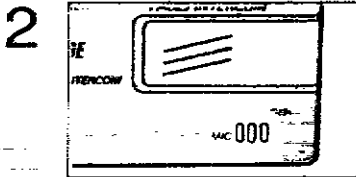
Intercom calls can only be terminated by the portable handset.

To page the base unit from the portable handset



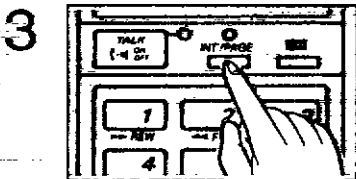
The portable handset user:
Press the INT/PAGE button.

Paging continues when pressing the INT/PAGE button. When you release the button, the unit automatically switches to the intercom mode and you can speak to the paged party. If no answer, press the INT/PAGE button again to stop the intercom mode.



The base unit user:

When the beep sounds and the paging party's voice is heard, speak to the party through the MIC.



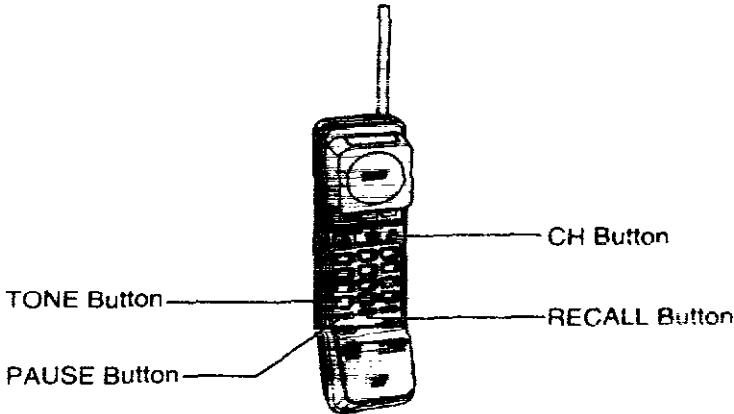
When your conversation is over,
press the INT/PAGE button on the portable handset.

Intercom calls can only be terminated by the portable handset.

Helpful hints:

- Even while in a conversation with an outside caller, the portable handset user can page the base unit user by pressing the INT/PAGE button. The outside call is put on hold then. To return to the outside call, press the TALK button.
- If you hear tones while having an intercom conversation, it means that someone is calling from outside. You can answer the outside call by pressing the TALK button. The intercom call is then terminated.
- While having a three way conversation, the quality of the sound may be a little impaired, but it is not fault condition.

Other features



Selecting the clearer channel

A channel is a selected set of receiving and transmitting frequencies. You may select the clearer of the 2 available channels.



If you hear interference noise while having a conversation, press the CH button.

The other channel is selected.

Notes:

- You can change the channel only when the portable handset is in talk mode or intercom mode.
- If the portable handset user is too far from the base unit, the CH button does not function fully. Approach the base unit.

Temporary tone dialling

If your line uses Pulse Dialling (See page 21.), pressing the TONE (*) button allows you to enter the codes or tones needed to operate special services e.g. home banking, voice mail box, answering systems etc.

Pressing the TONE (*) button only allows temporarily tone dialling. When you hang up, the phone will revert automatically to pulse dialling.

PAUSE button

(When used with PBX switchboard)

If your unit is connected to Private Branch Exchange (PBX), press the PAUSE button before dialling phone numbers in order to gain enough time to get dial tone from the outside line. Pressing it once causes a 3.5 second pause.

When you make a call, press the PAUSE button after dialling the number to get an outside line, then the phone number.

RECALL button

(To use 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 the T BR position.

2. When the call waiting tone is heard during a conversation, press the RECALL button.

3. 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 the RECALL button, then dial 2.

To hang up the first call:

Press the RECALL button, then dial 0.

To hang up the present call and return to the first call:

Press the RECALL button, then dial 1.

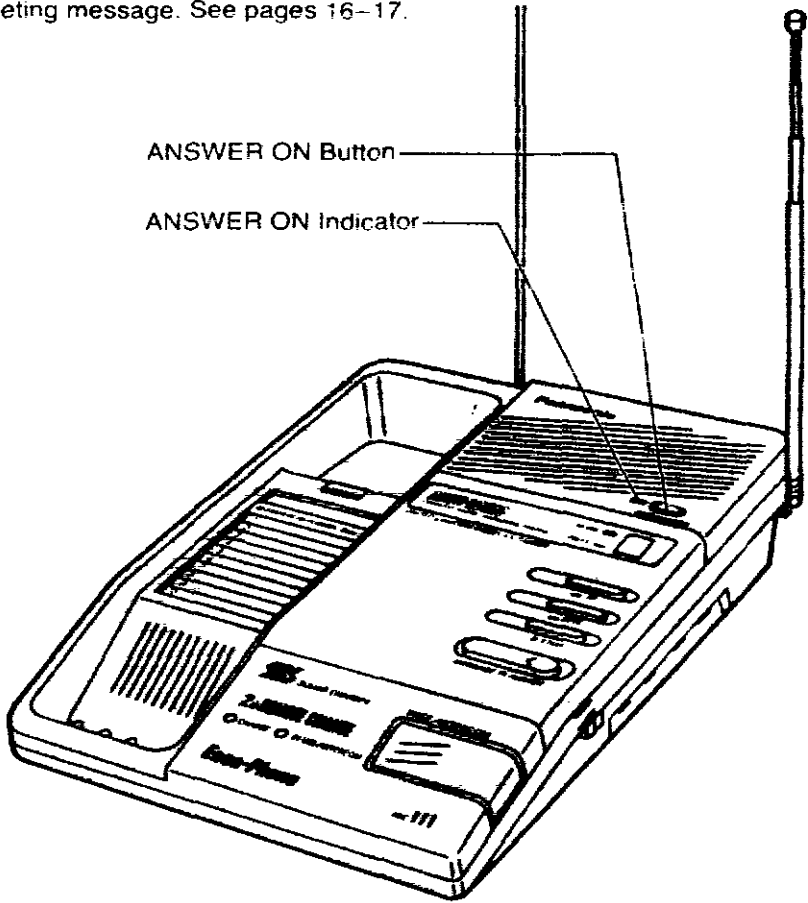
If your unit is connected to a PBX, pressing the RECALL button allows you to access some features of your host PBX such as transferring an extension call.

Turning the answering system on

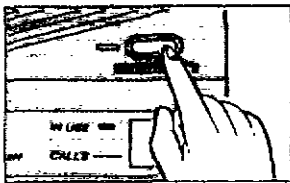
Confirm that the ANSWER ON indicator light is on when you want to use the answering system (e.g. before leaving home).

When a call comes in, the unit will receive it, play back the greeting message and record the callers' messages

Before using the answering system feature, you should record your greeting message. See pages 16-17.



When the ANSWER ON indicator light is off:



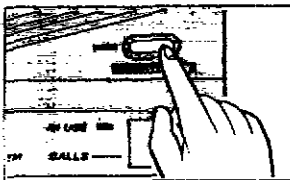
Press the ANSWER ON button to turn the answering system on.

The ANSWER ON indicator light is on.

To turn the answering system off

When you want to use the unit only as a cordless telephone, turn off the answering system.

When the ANSWER ON indicator light is on:



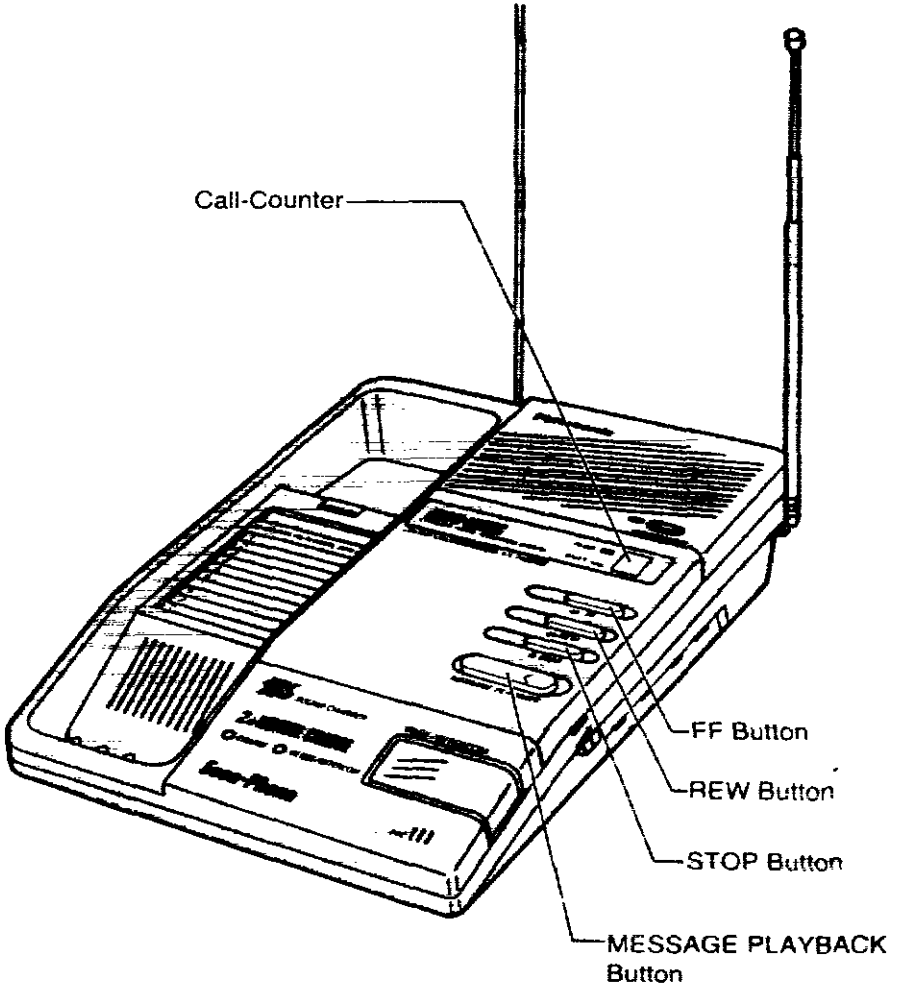
Press the ANSWER ON button to turn off the answering system.

The ANSWER ON indicator light goes out.

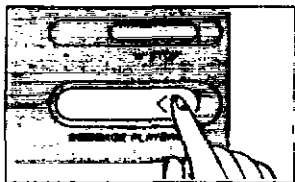
Listening to the recorded messages

When incoming messages have been recorded, the Call-Counter shows the number of recorded messages up to 9 in total

If there are new messages which have not been listened to yet, the Call-Counter flashes. When the MESSAGE ALERT selector is set to "ON" position, the base unit beeps every 10 seconds. (See page 20.)



To listen to messages



Press the MESSAGE PLAYBACK button.

The unit automatically rewinds the tape and starts to play back the messages.

At the end of the last message, 3 beeps sound and the tape stops automatically.

Notes:

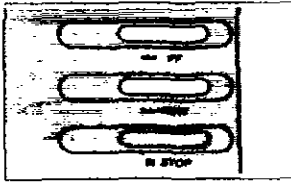
- To stop listening, press the STOP button.
- 10 seconds after having played back all the recorded messages, the tape automatically rewinds to the beginning and resets itself. The Call-Counter shows "0". New messages are recorded over old messages.

AUTO-LOGIC

At the touch of the MESSAGE PLAYBACK button, the unit automatically rewinds and plays back all the recorded messages. 10 seconds after playback, the unit will reset the tape and be ready to record incoming calls automatically.



To rewind/fast forward the tape



Keep pressing the REW button to rewind the tape.
Keep pressing the FF button to fast forward the tape.

The unit rewinds/fast forwards the tape when the REW/FF button is depressed, and starts playback again when you release the button.

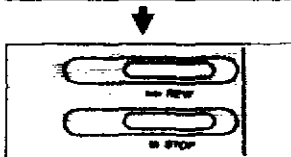
Note:

- When the tape is completely rewound, a beep sounds. To listen to the recorded messages again, press the MESSAGE PLAYBACK button within 10 seconds after the beep.

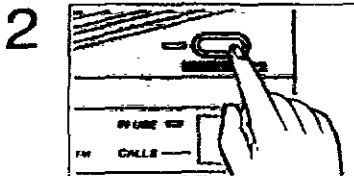
To reset the tape

After having played back all the recorded messages, the unit automatically rewinds the tape to the beginning and resets itself. New messages are recorded over old messages.

To save old messages



Play back the messages by pressing the MESSAGE PLAYBACK button, then press the STOP button at the end of the messages you want to save.

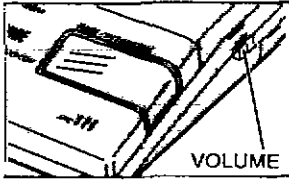


Press the ANSWER ON button to turn on the answering system.

The Call-Counter returns to "0".
The ANSWER ON indicator light is on.
The new messages will be recorded after saved messages.

Monitoring an incoming call

While an incoming call is being recorded, you can monitor and answer it if you wish.



When the unit answers a call, the caller's message is heard through the speaker on the base unit.

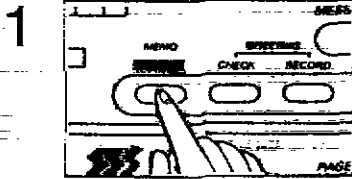
Adjust the VOLUME control.

Helpful hint:

- To answer the call while monitoring, lift up the portable handset or press the TALK button of the portable handset.

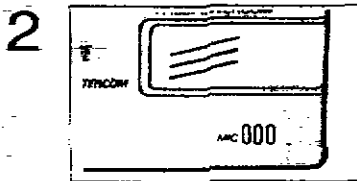
Recording your own message

You may record a personal message on the tape. It can be heard by anyone playing back messages remotely or manually.



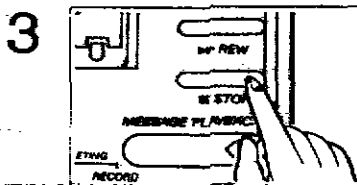
Open the cassette panel and press the MEMO RECORD button.

A series of short tones will sound, followed by a long beep.



Speak immediately after the long beep, about 20 cm (8") away from the MIC (microphone).

The IN USE indicator flashes.



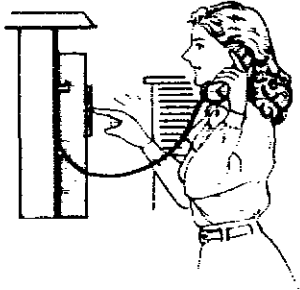
To stop recording, press the STOP button.

The IN USE indicator light goes out.

Remote operation from a touch tone phone

You can operate the answering system remotely from a touch tone telephone while you are away from home.

The following features can be operated with a touch tone telephone.

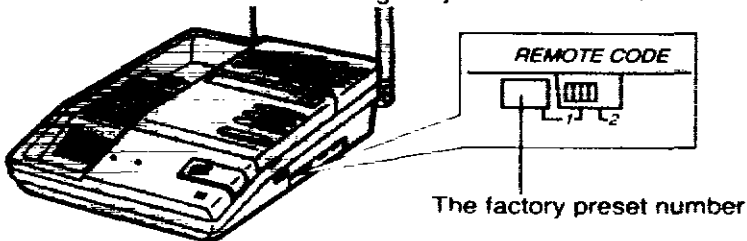


- Playing back all messages (p. 44)
- Rewinding and fast forwarding (p. 44)
- Playing back new messages only (p. 45)
- Resetting the tape (p. 46)
- Recording your own message (p. 47)
- Skipping the greeting message (p. 47)
- Re-recording the greeting message (p. 48)
- Turning the answering system on/off (p. 49)
- Prolongation of the remote operation (p. 45)

To set the remote code number

The remote code number prevents unauthorized persons from accessing your unit and listening to your messages. The remote code number is made up of 2 digits. The first digit is factory preset, and the second digit is selectable ("1" or "2").

The factory preset number is shown on the label next to the REMOTE CODE selector. This is the first digit of your remote code number.

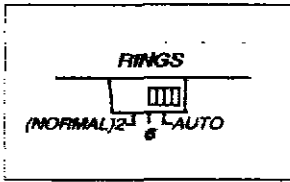


Example:

If the factory preset number is "4", then your code number could be either "41" or "42" depending on the position of the REMOTE CODE selector.

Toil saver

When you call the unit from a touch tone telephone, the number of rings before the unit answers tells you if there are any new messages or not.



To use this feature, set the RINGS selector to the "AUTO" position.

If the unit answers on the 2nd ring:
There is at least one new message.

If the unit answers on the 6th ring:
There are no new messages.

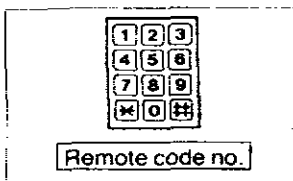
Hang up immediately when you hear the 3rd ring. Because the 3rd ring indicates there are no new messages and no need to make the unit answer your call. This saves you the cost of the call.

Duration time of the remote operation

The remote operation can be maintained up to 2 minutes 40 seconds. To continue, press "8". For details, see page 45.

To play back all messages

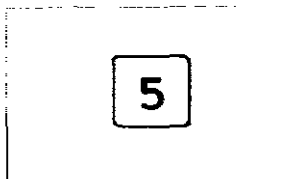
1



Call your unit and press the remote code number during the greeting message playback.

After a long beep, short beeps sound to indicate the number of recorded messages.

2



Press "5" within 4 seconds of the short beeps.

The unit rewinds the tape and starts to play back all the recorded messages. At the end of the last message, 3 beeps sound.

3



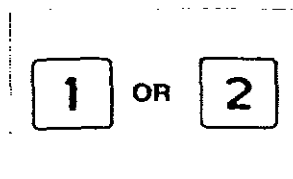
To stop listening, hang up

Old messages are saved and new messages will be recorded after them.

Helpful hint:

- Even if you do not press "5" in step 2, all messages are played back automatically

To rewind/fast forward the tape



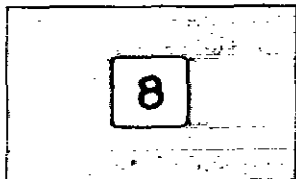
Press "1" to rewind the tape, press "2" to fast forward the tape

The tape rewinds or fast forwards for a few seconds and starts playback

To continue the remote operation

During remote operation, the unit will stop and 2 beeps will be heard in the following conditions:

- 2 minutes 40 seconds after your unit answered.
- Every 2 minutes 40 seconds after pressing the command button.



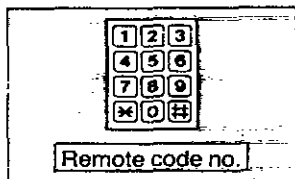
Press "8" within 10 seconds of hearing two beeps to listen further messages.

Otherwise, the call is terminated forcibly.

To play back new messages only

You can listen to new messages only without replaying the previously heard messages.

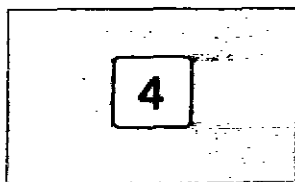
1



Call your unit and press the remote code number during the greeting message playback.

After a long beep, short beeps sound to indicate the number of recorded messages.

2



Press "4" within 4 seconds of the short beeps.

The unit rewinds the tape and plays back the recorded messages which have not been listened to yet.

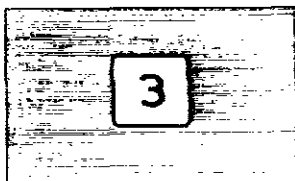
To stop remote operation, hang up.

Note:

- Even during the playback of old messages, you can skip them by pressing "4".

To reset the tape

Within 10 seconds after or during playing back all messages:

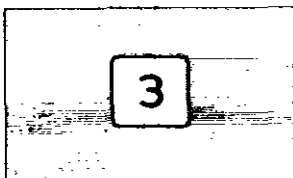


Press "3".

The unit rewinds the tape to the beginning. New messages will be recorded over the old messages. To stop remote operation, hang up.

Within 10 seconds after having played back new messages only:

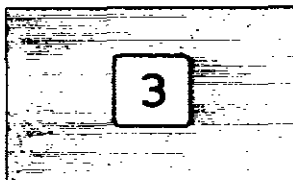
1



Press "3".

The unit rewinds the tape to the beginning of the newly recorded messages and a beep will be heard.

2



Press "3" again after hearing the beep.

The unit rewinds the tape to the beginning. To stop remote operation, hang up.

Note:

- To cancel the resetting of the tape, press "2" before hanging up

To record your own message (Marker message)

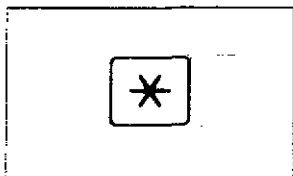
You can leave your own message on the tape after listening to the last message.

1. After 3 beeps indicating the end of the last message, wait for 10 seconds. When 2 beeps are heard, start to speak immediately.
2. To finish recording, hang up.

To skip the greeting message (For outside callers)

Callers can record their messages on the tape without listening to your greeting message.

1



Call your unit and press "*" during the greeting message playback.

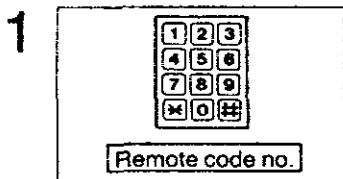
The greeting message stops and a series of short tones will sound, followed by a long beep.

2



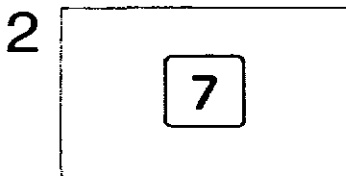
Start recording right after the long beep.

To re-record the greeting message



Call your unit and press the remote code number during the greeting message playback.

After a long beep, short beeps sound.

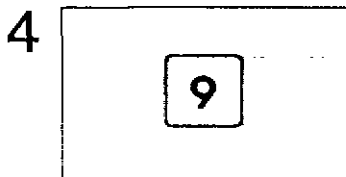


Press "7" within 4 seconds of the short beeps.

A series of short tones will sound followed by a long beep.



Speak right after the long beep.



To stop recording, press "9".

A long beep sounds and the new greeting message is played back for confirmation.

To stop remote operation, hang up.

Notes:

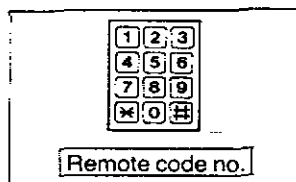
- Do not pause for over 2 seconds while recording, or the recording results in failure. If 6 beeps sound, start again from step 2.
- When you want to re-record, start again from step 2.

To turn the answering system on

1. Call your unit and wait until the unit rings 20 times.
2. When the unit answers your call, the greeting message is heard.
Then, hang up.
--- The answering system turns on.

To turn off

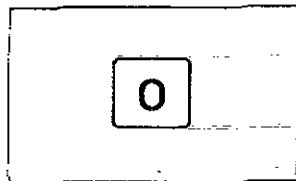
1



Call your unit and press the remote code number during the greeting message playback.

After a long beep, short beeps sound.

2



Press "0" within 4 seconds of the short beeps.

The answering system turns off.

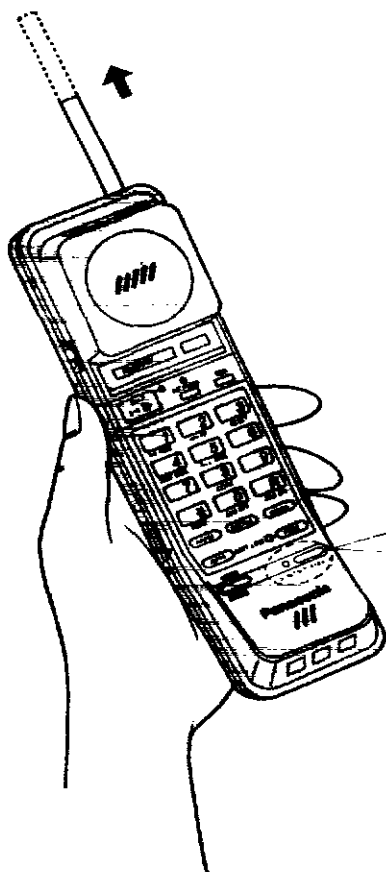
Remote operation from the portable handset

You can operate the answering machine from the portable handset using dial buttons when the unit is in the answer mode.

When an incoming message is being recorded, the SCREEN/PLAYBACK indicator on the handset flashes slowly.

The following features are available with your portable handset.

- Playing back all messages (p. 51)
- Rewinding and fast forwarding (p. 51)
- Playing back new messages only (p. 52)
- Resetting the tape (p. 52)
- Monitoring an incoming call (p. 54)
- Recording your own message (p. 54)
- Turning the answering system on/off (p. 55)
- Prolongation of the remote operation (p. 53)

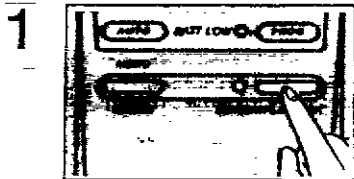


If the SCREEN/PLAYBACK indicator flashes when you press the SCREEN/PLAYBACK button, the answering system is turned off. Press “#” to turn the answering system on.

Duration time of the remote operation

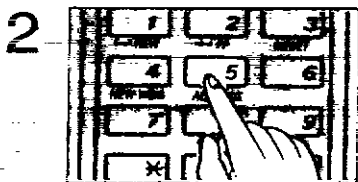
The remote operation can be maintained up to 2 minutes 40 seconds. To continue, press “8”. For details, see page 53.

To play back all messages



Press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light is on.
Short beeps indicating the number of recorded messages sound.



Press "5" (ALL MSG) after the short beeps.

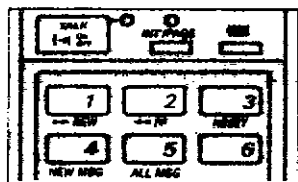
Short tones sound while the tape rewinds, then all messages are played back.
At the end of last message, 3 beeps sound.



To stop remote operation, press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light goes out.

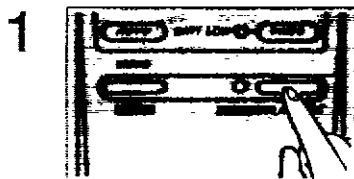
To rewind/fast forward the tape during playback



Press "1" (REW) to rewind the tape, press "2" (FF) to fast forward the tape during playback.

The unit rewinds or forwards the tape for a few seconds and starts playback.

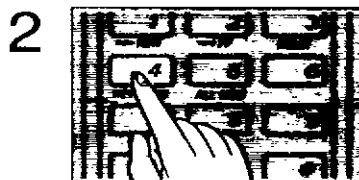
To play back new messages only



Press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light is on.

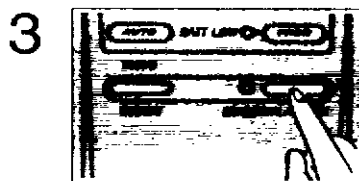
Short beeps indicating the number of recorded messages sound



Press "4" (NEW MSG) after the short beeps.

Short tones sound while the tape rewinds, then new messages are played back.

At the end of the last message, 3 beeps sound.

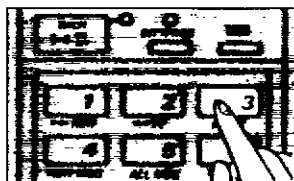


To stop remote operation, press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light goes out.

To reset the tape

Within 10 seconds after or during playing back all messages:



Press "3" (RESET).

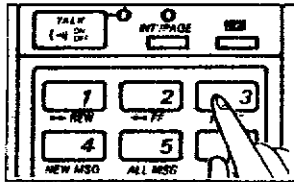
The unit rewinds the tape to the beginning.

New messages will be recorded over the old messages.

To stop remote operation, press the SCREEN/PLAYBACK button.

Within 10 seconds after having played back new messages only using "4" (NEW MSG)

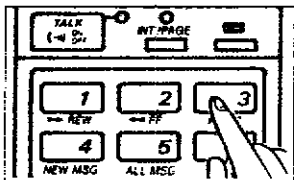
1



Press "3" (RESET).

The unit rewinds the tape to the beginning of the newly recorded messages and a beep sounds.

2



Press "3" (RESET) again after the beep.

The unit rewinds the tape to the beginning.

To stop remote operation, press the SCREEN/PLAYBACK button.

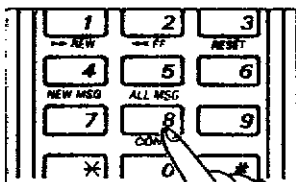
Note:

- To cancel the resetting of the tape, press "2" before ending the remote operation.

To continue the remote operation

During remote operation, the unit will stop and 2 beeps will be heard in the following conditions:

- 2 minutes 40 seconds after your unit answered.
- Every 2 minutes 40 seconds after pressing the command button.



To continue the remote operation, press "8" (CONT.) within 10 seconds of hearing two beeps.

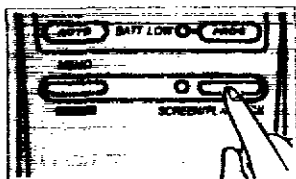
Otherwise, the remote operation will be terminated forcibly, then the facility of remote operation from the portable handset, intercom and paging will be inoperable within 1 minute.

Note:

- When the time-out comes near, alarm tones will sound.

To monitor an incoming call

You will know that an incoming message is being recorded by the slow flashing of the SCREEN/PLAYBACK indicator.



Press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator turns to a steady light from slow flashing, and you can listen to the incoming call.

To stop remote operation, press the SCREEN/PLAYBACK button again.

Helpful hint:

- To answer the call while monitoring, press the TALK button.

To record your own message



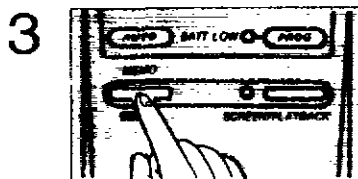
Press the MEMO RECORD button.

The SCREEN/PLAYBACK indicator light is on

A series of short tones will sound, followed by a long beep.



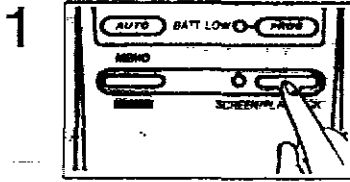
Speak into your portable handset right after the long beep.



To stop recording, press the MEMO RECORD button again.

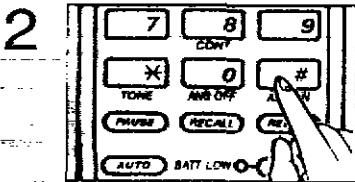
The SCREEN/PLAYBACK indicator light goes out.

To turn the answering system on



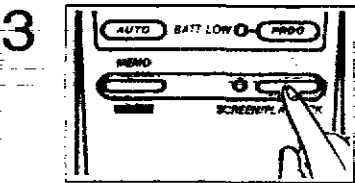
Press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light is flashing to show the answering system is off.



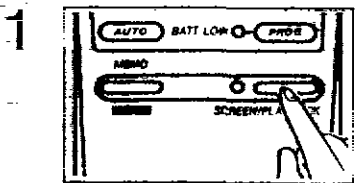
Press "#" (ANS ON).

The SCREEN/PLAYBACK indicator light turns to a steady light.



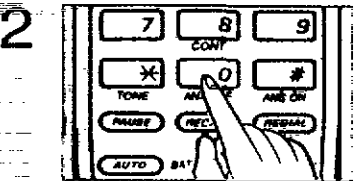
To stop remote operation, press the SCREEN/PLAYBACK button.

To turn off



Press the SCREEN/PLAYBACK button.

The SCREEN/PLAYBACK indicator light is on to show the answering system is on.



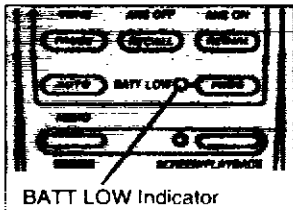
Press "0" (ANS OFF).

The SCREEN/PLAYBACK indicator light goes out.

Answering System

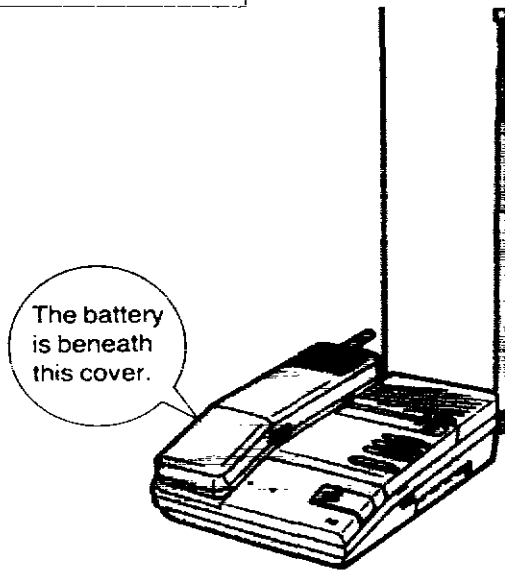
The portable handset battery

The battery is always charging when the portable handset is on the cradle. If you keep the portable handset out of the base unit for a long time, charging will be required.



When the BATT LOW indicator flashes or a beep sounds every 15 seconds during a conversation, it means the battery needs to be charged.

Place the portable handset on the cradle for about 10 hours.



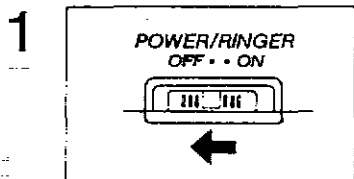
Notes:

- You can charge the battery when the POWER/RINGER switch is set to either the ON or the OFF position.
- The portable handset battery will not overcharge if left on the base unit for longer periods.
- You can use the unit for a short period of time before the 10 hours are up or when the BATT LOW indicator flashes. Be sure to put the portable handset on the cradle after use to continue charging.
- If the BATT LOW indicator still flashes after charging, replace the battery with a new one. (See page 57.)

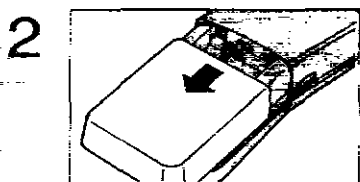
Clean the battery charge contacts with a soft cloth about once a month, otherwise the portable handset may not be charged properly.

How to replace the battery

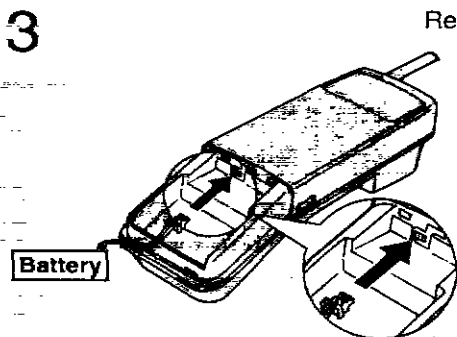
Replace the battery with a new one if the BATT LOW indicator starts to flash after a few telephone calls even when the battery has been charged for 10 hours.



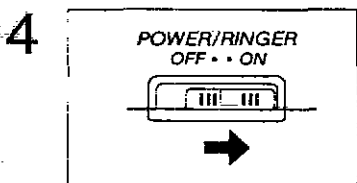
Set the POWER/RINGER switch on the portable handset to the "OFF" position, to prevent the memory loss.



Remove the battery compartment cover.



Replace the battery.



Close the cover and set the POWER/RINGER switch to the "ON" position.

Notes:

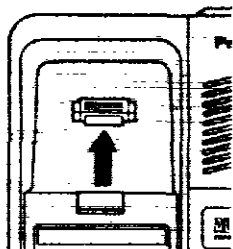
- Please use only Panasonic KX-A36A battery.
- Remember to charge the battery for about 10 hours before use, after replacing the battery.



Wall mounting

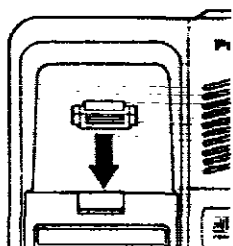
This unit can be mounted on a wall phone plate.

1



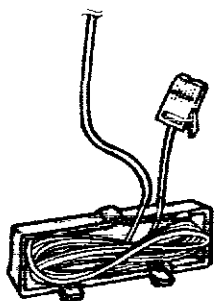
Remove the handset guide from the base unit.

2



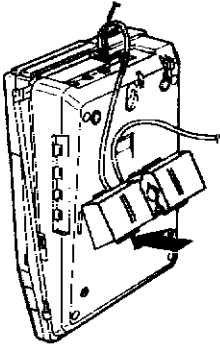
Turn the handset guide around, making sure that the projection is facing upwards.

3



Tuck the telephone line cord inside the wall mounting adaptor as shown.

4

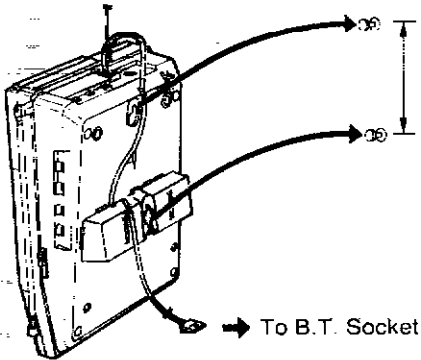


Insert the tabs of the wall mounting adaptor into the openings in the unit, then push it in the direction of the arrow (the word "UP" on the adaptor should be upward).

5

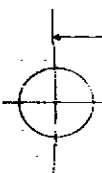
Install screws and washers using the wall template indicated below.

Connect the telephone line cord to B.T. socket, then mount the unit securely on the screws as shown.



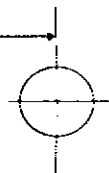
Wall Template

Drill here



10 cm

Drill here

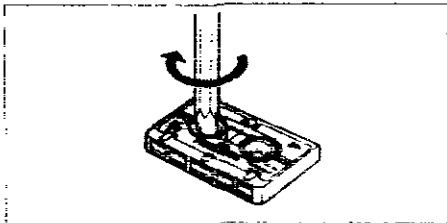


Other information

Maintenance of cassette tape and deck

Cassette tape

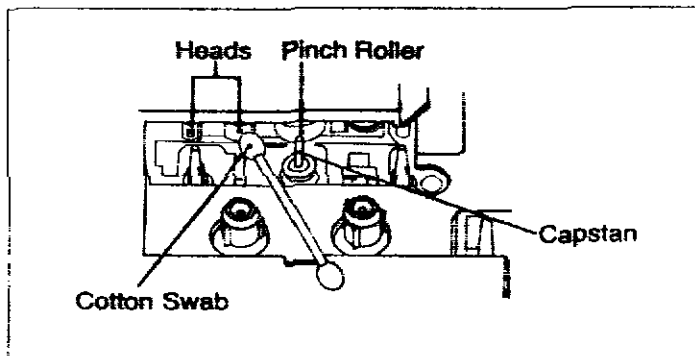
- For optimum sound quality and performance, we recommend that you use side 2 of the tape after six months and replace the tape with a new one every year, assuming that the unit answers about ten calls a day.
- Never place a cassette tape near a magnetic source, such as a magnet or a TV set; it may erase or distort the recorded message on the tape.
- Make sure that there is no slack in the tape. If there is any slack, remove it by rotating the tape reel with an instrument like a pencil, as shown.



Tape deck

Since the head and capstan assemblies are in contact with the tape, dirt and residue from the tape may easily adhere to these parts, causing distortion. Clean these parts periodically in the manner described below for the best sound quality

Clean the head surfaces, pinch roller and capstan with a cotton swab. If these surfaces are extremely dirty, wipe them with a cotton swab dampened with alcohol, then wipe them with a dry soft cloth

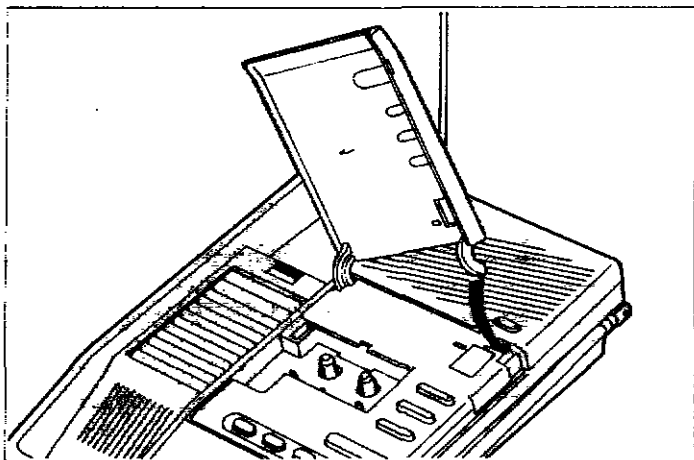


Notes:

- Do not bring magnetic or metal objects, such as screwdriver, near the head assembly, as such objects could magnetize the heads
- Do not oil any part of the unit.

Cassette panel installation

If the panel comes off, replace it by pushing as shown.



Other information

Troubleshooting guide



Sound flutters or fades.

- You are too far from the base unit. Approach it.
- Extend the aerials of the base unit and the portable handset fully.

I am encountering interference from another unit.

- Select the other channel.
(See page 34.)
- Set the portable handset and the base unit away from other electric appliances.

When I press the TALK button to make a call, 3 beeps sound and dial tone is not heard.

- Approach the base unit and try again.
- Place the portable handset on the cradle and try again.
- Be sure that the AC adaptor is connected.

The portable handset does not ring.

- The POWER/RINGER switch is in the "OFF" position. Set to "ON".

When pressing the INT/PAGE button, 3 beeps sound and paging cannot be done.

- Someone is operating the answering system.
- You are too far from the base unit. Approach it.

The base unit does not ring.

- The RINGER volume selector is in the "OFF" position. Set to "HIGH" or "LOW".

I cannot page the portable handset from the base unit.

- Paging cannot be done while the base unit is receiving an incoming call or recording some messages.
- Set the POWER/RINGER switch to the "ON" position.

I cannot store a telephone number into memory.

- You cannot store a number into memory while the unit is in the talk mode or in the intercom mode.

While storing a phone number, the unit starts to ring.

- You can talk to the caller by pressing the TALK button. The program will be cancelled; store the phone number again.

A beep sounds every 15 seconds during conversation.

- Charge the battery fully
(See page 18.)

While having an intercom call, short tones are heard.

- Someone is calling you from outside. Press the TALK button to answer the outside call. Intercom is terminated

Answering system

The Call-Counter shows "E" (Error), or 6 quick beeps sound during greeting message recording, and it results in failure.

- Re-record your greeting message. Speak clearly and loudly, and do not pause for over 2 seconds while recording.

The answering system is on, but no incoming messages are recorded.

The Call-Counter shows "E" (Error) when you return.

- The cassette tape is cut or is not inserted. Insert the tape or replace it with a new one.
- The greeting message is recorded improperly or not recorded, so no one can leave a message. Check and record a new greeting message.

A beep sounds every 10 seconds on the base unit.

- New messages are recorded.
- Play back the messages.

I cannot operate the answering system by using the button of the base unit.

- The portable handset user is operating the answering system or having a conversation. After the IN USE indicator or IN USE/INTERCOM indicator light goes out, try again.

I cannot operate the answering machine from a touch tone phone.

- Be sure that you press your correct remote code number.
- In some areas, a remote touch tone phone may not function due to telephone line conditions such as line noise, echo, etc.
- The answering system may not respond if a touch tone phone produces tones while are too short to activate the unit. Press each button firmly and long.
- The answering system is off. Turn it on. (See page 49.)

When the tape is played back, the sound level is low, even if the VOLUME control is set to maximum position.

- Clean the heads. (See page 60.)

The tape continues to run after a caller hangs up.

- Set the VOX SENS selector to the "LOW" position.

When pressing the SCREEN/PLAYBACK button, the SCREEN/PLAYBACK indicator flashes.

I cannot operate the answering system with the portable handset.

- Press "#" to turn on the answering system. (See page 55.)

When pressing the SCREEN/PLAYBACK button, 3 beeps sound and operation cannot be accomplished.

- Someone is operating the answering system.
- You are too far from the base unit. Approach it



After plugging in the AC adaptor, the cassette deck does not stop rewinding.

- Disconnect the AC adaptor, and insert the micro cassette tape. Then connect the AC adaptor again.

The Call-Counter showed “-” when I returned home.

- Power failure took place. If new messages have been recorded after the power is restored, the Call-Counter cannot count them, so press the MESSAGE PLAYBACK button for confirmation.

I cannot use the unit during a power failure.

- The unit will not function during a power failure. We recommend that you install 10 optional batteries in the AC adaptor as power failure protection. (See pages 13–14.)

The unit does not work.

- The connection of the unit is made improperly. Refer to page 13.
- The battery of the portable handset becomes weak. Charge the battery fully. (See page 56.)

The BATT LOW indicator flashes.

- Charge the battery fully. (See page 56.)

I charged the battery for 10 hours, but the BATT LOW indicator flashes after a few telephone calls.

- Clean the battery charge contacts and charge once more (See page 56.)
- It is time to change the battery. Please replace with a new one. (See page 57.)

The beginning of the cassette tape has remained unrewound after the unit rewinds the tape.

While operating the unit, the AC adaptor feels warm.

The CHARGE indicator light never goes out while the portable handset is on the cradle.

- These are normal conditions.

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) Nonuse Periods: When the unit is not used, turn the power off. When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.

Installations

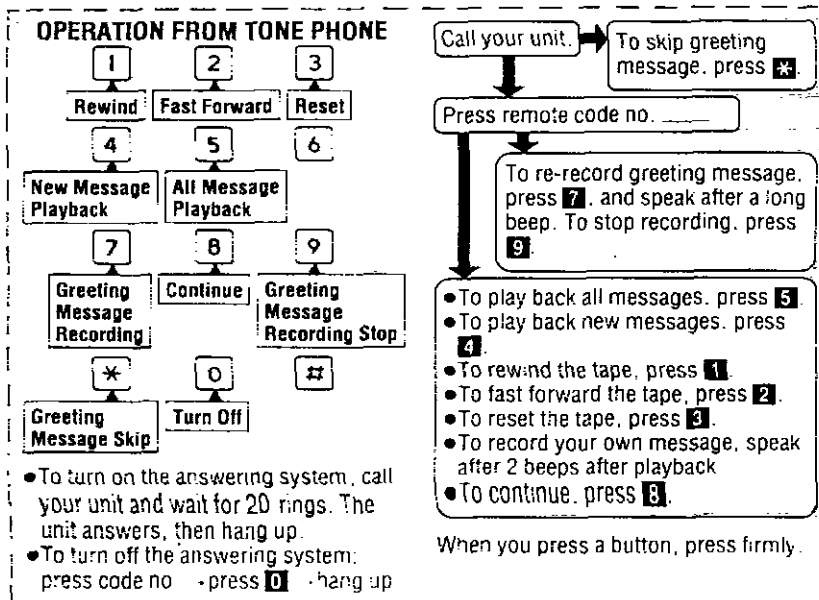
Environment

- 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 situated away from heat sources such as radiators, kitchen range, 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 into 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, level surface.



For best performance

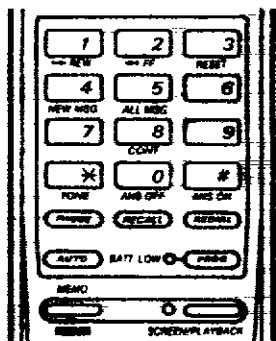
- 1) If noise prevents the conversation from being understood at the portable handset, approach the base unit to lessen the noise
- 2) The portable handset should be used at the "HIGH" volume setting when the reception tone is difficult to hear
- 3) The portable handset should be fully recharged on the base unit when the BATT LOW indicator flashes.
- 4) The small-sized aerial of the portable handset should not be touched during use because of its high sensitivity.
- 5) The possible 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 FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, do not reconnect the unit to the telephone line until the trouble has been repaired. If the known working phone does not operate properly, consult with a telephone company.

OPERATION FROM PORTABLE HANDSET



To record your own message.

1. Press the MEMO RECORD button
2. Speak after hearing short tones followed by a long beep.
- 3 To stop recording, press the MEMO RECORD button again

Press the SCREEN/PLAYBACK button.

When the SCREEN/PLAYBACK indicator flashes, press # to turn on the answering system.

Press your desired dial button after the short beeps.

- To play back all messages, press 5
- To play back new messages, press 4
- To rewind the tape, press 1
- To fast forward the tape, press 2
- To reset the tape, press 3
- To continue, press 6
- To turn off the answering system, press 0

Press the SCREEN/PLAYBACK button to stop remote operation

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 thereof) 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.

Serial No.

KX-T4300BE

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Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91 Japan

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