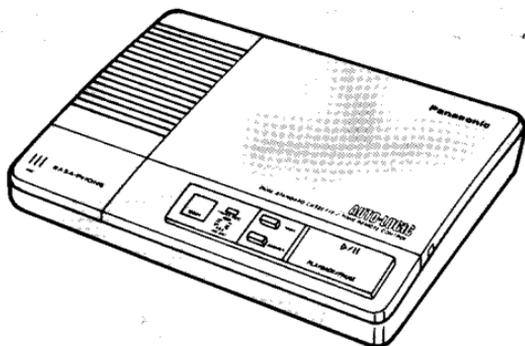


# Operating Instructions

AUTOMATIC TELEPHONE  
ANSWERING SYSTEM

EASA-PHONE

Model No. **KX-T1000**



**AUTO-LOGIC™**

## CONTENTS

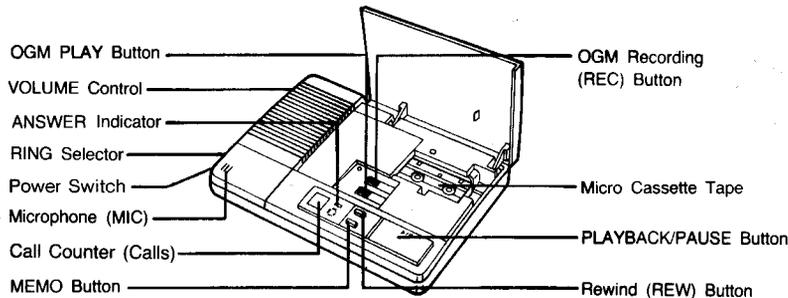
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La referencia rápida en español puede ser encontrada en las páginas 9.  
(Spanish Quick Reference can be found on page 9.)

# Panasonic

Please read before use.

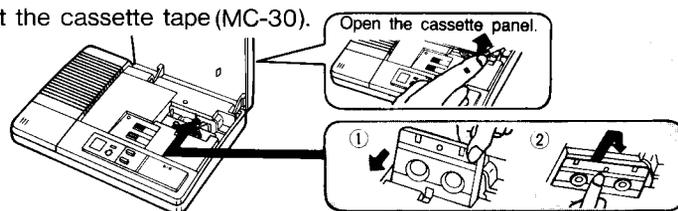
## Location of the Controls



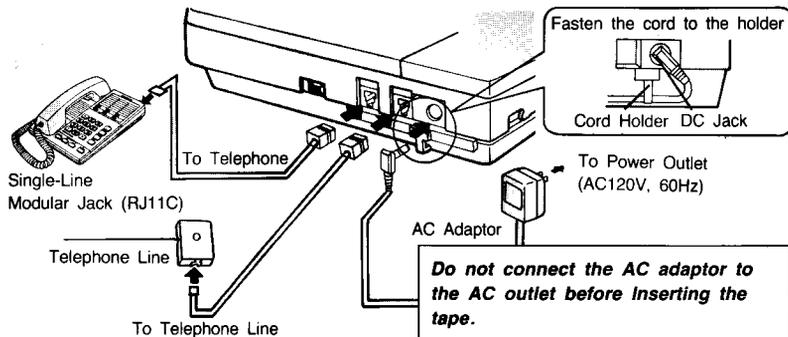
## Preparation

### CASSETTE TAPE INSTALLATION

Insert the cassette tape (MC-30).

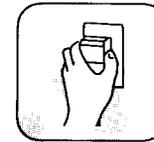


### CONNECTION

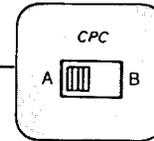


- **USE ONLY PANASONIC AC ADAPTOR KX-A11.**
- The unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.
- While operating the unit, the case of the AC Adaptor and the unit may feel warm, this is a normal condition.

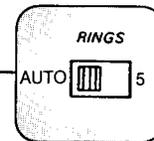
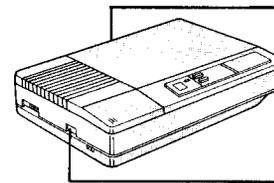
## INITIAL SETTINGS



- Connect the AC adaptor.
- The Call Counter will show "0" and the Answer indicator will flash.



- Calling Party Control (CPC)**  
 Set to "A". (no call waiting service line.) If you have call waiting Service or Incoming Messages are interrupted, set to B.



- Number of Rings**
- 5 ..... The unit will answer a call on the fifth ring.
  - AUTO ... See "TOLL SAVER" below on this page.

- After installing the tape, be sure to push the REW button until a beep is heard to reset the tape.
- If the tape is not inserted before plugging the AC adaptor, push the POWER switch to OFF to insert the tape, and then push the POWER switch to ON.

## TOLL SAVER

The TOLL SAVER feature lets you avoid a toll charge when you call your unit and no messages have been recorded.

- 1 Set the number of rings to **AUTO**.
  - If the unit does not pick up on the forth ring, hang up immediately. This means that you have no messages and you have saved a toll charge.
- The unit picks up on **the third ring**: It means that at least one message has been recorded.
- After you have played back all the messages from a remote phone, **the unit will pick up the next call on the fifth ring**. If the unit picks up on the third ring, it means that at least one new message has been recorded.

## How to Record an Outgoing Message (OGM)

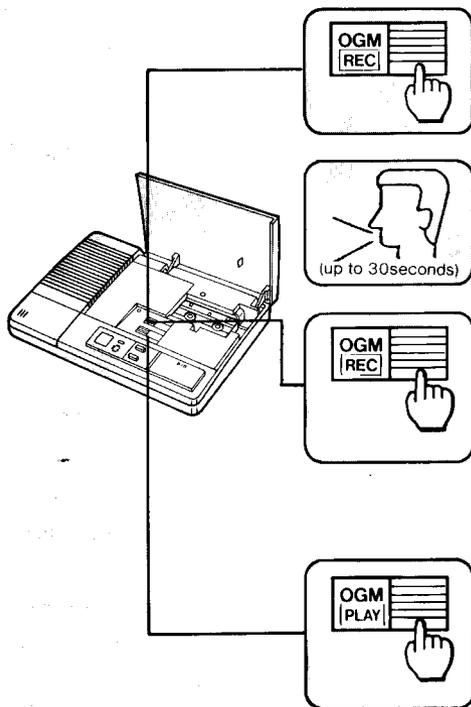
Before operating your unit, you must record an Outgoing Message (OGM). The OGM will inform the calling party of your absence and your message.

### RECORDING THE OGM

#### NOTE:

*If you pause for over 2 seconds while recording, you will hear a series of warning tones (6 beeps) and the Call Counter will show "E". If this happens, start with step 1 again after the unit stops rewinding.*

- It is recommended to place an announcement in the OGM as follows: "You have 1 minute for ICM recording."



#### 1 Push **OGM REC.**

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

#### 2 After the long beep, speak immediately, clearly and loudly into the microphone (MIC) approximately 8 inches away.

- The recording time is up to **30 seconds.**
- The Call Counter will show "0", "1", "2", "3", "4", "5", "6", "7", "8", "9", each flashing three times.

#### 3 When recording is finished, push **OGM REC** again.

- 10 seconds later, the unit will rewind the tape to the beginning and be in the answering mode to be ready for Incoming Calls.

### CHECKING YOUR OGM

#### Push **OGM PLAY.**

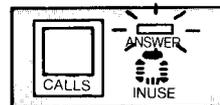
- The unit will rewind the tape to the beginning to play back the OGM.
- To stop the operation while playing back the OGM, push the **OGM PLAY** button.

### SAMPLE OGM

"Hello, this is the Smith residence. We cannot come to the phone right now. If you leave your name, phone number and message, we will return your call. You will hear a series of short beeps and then a long beep will be heard. Speak after the long beep. You have 1 minute for recording."

## Setting Prior to Leaving

### RECORDING THE CALLERS' MESSAGES



Check the following points prior to leaving.

- ① The OGM is recorded.
- ② The Answer indicator is lit and the Call Counter shows "0".

When the telephone rings, the unit will play back your OGM, then it will record the callers' messages on the tape.

- If you do not want the unit to answer the call, push the POWER switch to OFF.

### PREPARING THE ICM TAPE

To record future messages from the beginning of the ICM part of the tape

Leave the unit as is.

( A new incoming message will be recorded erasing the previous messages from the beginning of the ICM part of the tape. )

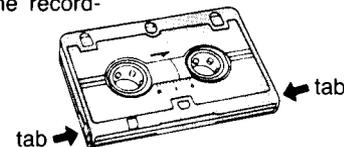
To record future messages after the last message

Push **PLAYBACK/PAUSE** and **REW** simultaneously.

- 2 seconds later, the unit comes into operation with the Call Counter at "0" and with the Answer Indicator lighting.

( The future Incoming Messages will be recorded after the messages you have saved. )

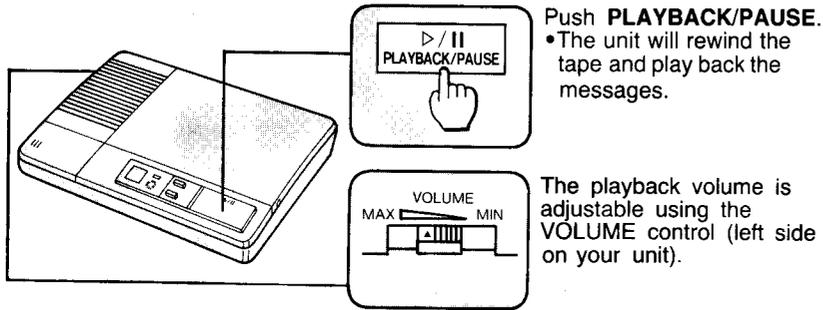
The cassette can be erased even if the record-prevention tabs have been removed.



## Listening to the Recorded Messages

- When Incoming Messages have been recorded, the Answer Indicator will flash and the number of messages recorded will be indicated on the Call Counter.
- The call counter remains at "9" even with more than 9 messages recorded. After the last message is played back to the end, 3 beeps will sound and the tape will automatically rewind to the beginning of the ICM part of the tape.
- In case of a power interruption, the call counter will show "-" after the power is restored.

### LISTENING TO THE MESSAGES



#### AUTO-LOGIC (One-Touch Operation):

The press of the PLAYBACK/PAUSE button executes automatically the operation as follows:  
Push the PLAYBACK/PAUSE Button.

- ① Playing back the messages.
- ② Rewinding the tape.
- ③ Ready for new message recording from the beginning of the ICM part of the tape.

To save the messages, follow the procedure on the page 8.

- To stop the tape temporarily, push the PLAYBACK/PAUSE button. The Answer indicator will flash. To restart, push it again.
- If you receive a call while playing back, push the PLAYBACK/PAUSE button and lift the handset.
- To listen to the message again during playback, push the REW button. The unit will start playing back immediately, when you release the button.

## How to Operate from a Remote Phone

You can retrieve the recorded Incoming Messages from a remote location with a tone phone by simply pushing your own remote code number during the OGM.

### THE REMOTE CODE NUMBER

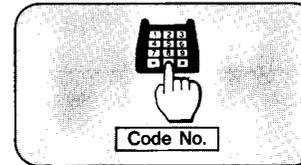
The remote code number is a combination of three digits found at the bottom of the unit. A remote tone phone can gain access through any combination or repetition of these three digits.

(e.g. If the numbers 147 are given, the combination will be as follows; 111, 147, 444, 471, 714.....ETC)

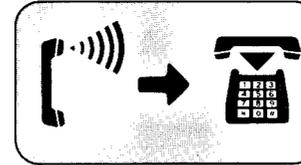
Refer to the remote code label on the button of the unit.

### PLAYING BACK MESSAGES

You can listen to the recorded messages.



- 1 Call your unit, and push firmly any combination of your remote code number (composed of 3 digits) during the OGM.
  - The unit will rewind the tape, and you will hear all the messages on the tape.
  - 3 beeps will be heard after the last message.

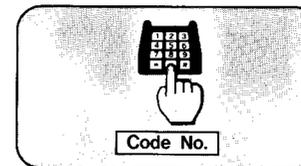


- 2 Hang up.
  - Future Incoming Messages will be recorded after the last message.

#### NOTE

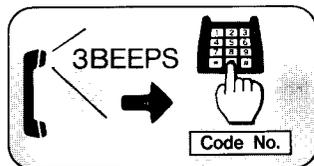
When you press your remote code number, the second and third digits should be pressed within 6 seconds after the first digit.

### LISTENING TO THE SAME MESSAGES AGAIN DURING THE PLAYBACK (BACK SPACE)



- Push any one of the 3 digits in your code number during the playback.
- The tape will rewind for approximately 15 seconds corresponding to playback time.

### RECORDING NEW INCOMING MESSAGE FROM THE BEGINNING OF THE ICM (REMOTE RESET)

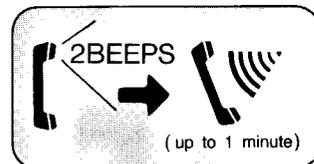


Immediately after 3 beeps sounding at the end of ICM playback, push any one of the 3 digits of your remote code number.

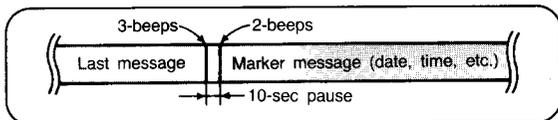
- After the beep, rewinding will be started and the completion of the unit resetting will be signaled by a beep.
- To listen to the messages again after resetting, press any one of the 3 digits in your remote code after long beep sounding. The unit will rewind the tape, and you will hear all messages again.

### LEAVING YOUR MESSAGE AFTER REVIEWING ALL THE MESSAGES (MARKER MESSAGE)

After reviewing all the messages, you can leave your index message on the tape to be heard by anyone using the unit.

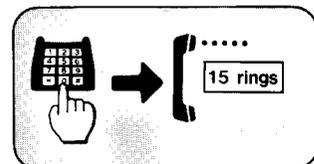


- 1 Start to talk right after the last 2 beeps.
  - The recording time is up to 1 minute.
- 2 When finished, hang up.



### SETTING THE ANSWER MODE WHEN THE UNIT IS OFF

You can easily set the Answer mode from a remote phone.

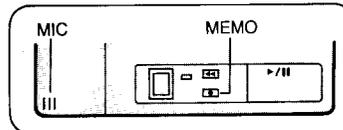


- 1 Call your unit.
- 2 Wait for 15 rings.
  - OGM will be heard and hand up.
  - The unit will be ready to answer the next phone call.

## Other Features

### RECORDING A MESSAGE MEMO

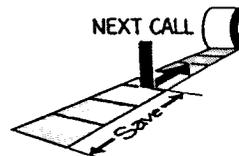
It is very handy to record a message in case you want to leave word with your family members before your going out.



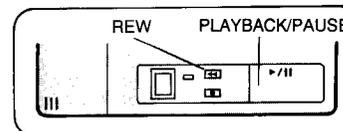
- 1 Push **MEMO** until a beep is heard.
  - A series of short beeps will sound followed by a long beep.
- 2 **Speak** into the MIC.
- 3 When recording is finished, push **MEMO** again.

- The ANSWER indicator will flash to show your message has been recorded, and the unit will then be ready to answer phone calls.
- The new messages will be automatically recorded after your memo.

### SAVING THE RECORDED MESSAGES



You can save the desired messages.

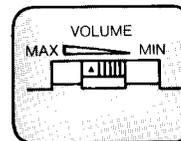


- 1 Play back the tape through the messages you want to save.
- 2 Push **PLAYBACK/PAUSE** to pause.
- 3 Push **PLAYBACK/PAUSE** and **REW** simultaneously.

- 2 seconds later, the unit will rewind the tape and be ready to answer calls.
- The future Incoming Messages will be recorded after the messages you have saved.

### MONITORING THE INCOMING CALLS (CALL SCREEN)

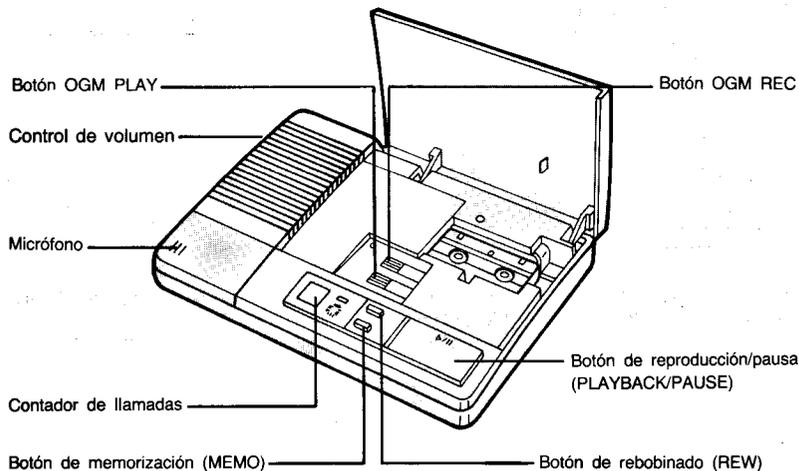
While an Incoming Message is being recorded, you can hear it.



Adjust the volume control.

If you want to talk to the caller during the ICM recording, lift the handset and speak. The unit will stop recording and will get ready to record the next call.

## Tarjeta de Referencia Rápida



### GRABACIÓN DEL MENSAJE DE SALIDA

- 1 Presione el **OGM REC** hasta que se escuche la alarma.
  - 2 Hable con voz clara y firme por el MIC.
    - El tiempo de grabación máximo es de 30 segundos.
  - 3 Cuando acabe de hablar, presion el **OGM REC**.
  - 4 Presione el **OGM PLAY** rapidamente para confirmar el mensaje de salida.
    - Después de revisar el MS (OGM), la unidad rebobinara la cinta hasta el comienzo para grabar el MS (OGM) en la cinta en caso de talla de corriente eléctrica.
- La unidad cambiará automáticamente a la Modalidad de contestación después de 10 segundos de la reproducción del MS.

### PARA ESCUCHAR LOS MENSAJES

Cuando el teléfono suene, la unidad reproducirá el mensaje de salida (OGM) y luego grabará el mensaje de la persona que llama en la cinta.

- 1 Presione el **PLAYBACK/PAUSE** (Reproducción/Pausa).
- **Auto-Lógico (Función de un solo toque)**  
 Un solo toque del botón **PLAYBACK/PAUSE** hace posible que la unidad produzca los mensajes y suene 3 pitidos después del último mensaje. Luego, después de diez segundos, la unidad rebobinará la cinta y estará lista para grabar nuevos mensajes desde el comienzo de la sección ICM de la cinta.

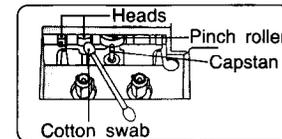
## Maintenance

Because the head and capstan assemblies are in contact with the tape, dirt and residue from the tape can easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below.

- Clean the head surface, pinch roller and capstan with a cotton swab. If these surfaces are extremely dirty, dampen the cotton swab with alcohol.

### NOTES:

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



## Troubleshooting Guide

Problem	Cause & Remedy
The unit has been set to the Answer mode, but no Incoming Messages are recorded.	<ul style="list-style-type: none"> <li>•The cassette tape is broken (cut, worn out or twisted), not inserted or full recorded. Replace it with a new one and re-record a new OGM.</li> <li>•The OGM is recorded improperly. Record a new OGM.</li> </ul>
I push the button of a remote phone, but the unit does not respond.	<ul style="list-style-type: none"> <li>•Make sure that you are using your own code number.</li> <li>•Push the button firmly.</li> </ul>
Some Incoming Messages have not been fully recorded.	Change the CPC to "B".

## Cassette Tape

- For optimum sound quality and performance, we recommend you to **use side two after six months and to replace the tape every year** supposing 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, because it may erase the tape.
- Slack in the tape can be tightened by rotating the tape with an object like a tapered part of a pointed pencil.

### KX-T1000

#### QUICK REFERENCE CARD

##### FOR TONE REMOTE CONTROL

- To set the unit to the answer mode from a remote location when the unit is in the off position.
  1. Dial the telephone number and wait for 15 rings.
    - The unit will set to the answer mode and will play the OGM.
  2. Hang up.

## Others

- 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, have your Panasonic phone repaired by one of the specified Panasonic Factory Service Centers. If the known working telephone does not operate properly, consult with a telephone company.
- Do not use benzine, thinner, or similar solvents. Do not use abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors and television. These noise sources can interfere with the performance of the unit.
- The unit and the cassette tape should be kept free of dust, moisture high temperature and vibration, and should not be exposed to direct sunlight.
- Never attempt to insert wires, pins, etc. into the vents or other holes of this unit.

## Accessory Order Information

- Replacement parts and accessories are available through your local authorized parts distributor.
- For the authorized distributors in your area, call toll free: 1-800-447-4700

Part No.	Description	Comment
RT-MC30	Micro Cassette Tape	

Dial the telephone number with a tone telephone only.

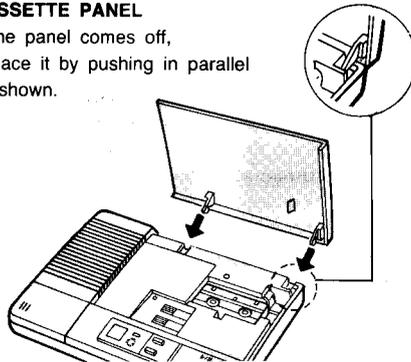
Push your code number : The unit will during playback OGM. : play back.

- **To Back Space**, push any one of the 3 digits in your code number during the playback.
- **To record the ICM from the beginning of the tape**, push any one of the 3 digits in your code number after 3 beeps.
- **To save the ICM**, hang up after playback.
- **To record a marker message**, speak after hearing 2 beeps.

Your Code No. \_\_\_\_\_

### CASSETTE PANEL

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



## Important Information

If requested by the Telephone Company, inform them as follows:

- FCC Registration No. .... (found on the bottom of the unit)
- Ringer Equivalence ..... 0.2 B
- The particular telephone line to which the equipment is connected.

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

- Promptly notify the customer.
- Give the customer an opportunity to correct the problem with their equipment.
- Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in F.C.C. Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation or its business and is not inconsistent with the rules and regulations in F.C.C. Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

"This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications set forth in Subpart J of Part 15 of the F.C.C. Rules.

If this equipment does cause interference to radio or television reception which can be determined by turning the equipment on and off, use the equipment in another location and/or utilize an electrical outlet different from that use by the receiver."

### Ringer Equivalence No. (REN):

The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

### WARNING:

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