

# Panasonic

## Operating Instructions

Integrated Telephone System

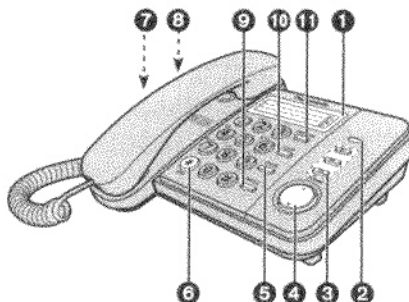
Model No. KX-TS520MX



Please read these operating instructions before using the unit and save them for future reference.

## 1 Getting Started

### 1-A Controls



- |                              |                         |
|------------------------------|-------------------------|
| 1 Memory sticker             | 7 DIALING MODE selector |
| 2 Ringer indicator           | 8 RINGER selector       |
| 3 Auto dial [M1], [M2], [M3] | 9 [REDIAL]              |
| 4 VOLUME [▲], [▼]            | 10 [FLASH]              |
| 5 [PAUSE]                    | 11 [PROGRAM]            |
| 6 [*] [TONE]                 |                         |

### Accessory information

- ☐ Handset ..... one
- ☐ Handset cord ..... one
- ☐ Telephone line cord ..... one

### For your future reference

We recommend keeping a record of the following information to assist with any repair under warranty.

Serial No. \_\_\_\_\_

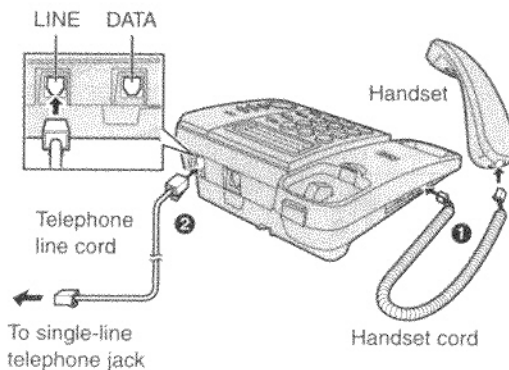
(found on the bottom of the unit)

Date of purchase \_\_\_\_\_

Name and address of dealer \_\_\_\_\_

Attach your purchase receipt here.

### 1-B Connections



- 1 Connect the handset cord (1) to the handset and the unit. Connect the telephone line cord until it clicks into the unit and telephone line jack (2). After line connection, lift the handset to check for a dial tone.

- 2 Set the DIALING MODE selector to TONE.

- If you cannot dial, set to PULSE.



- 3 Set the RINGER selector to HIGH, LOW or OFF. (Example: "HIGH" is selected.)

- When set to OFF, the unit will not ring but the ringer indicator will still flashing.



### Connecting a communication device

If you connect a communication device (computer, modem, fax, answering machine, etc.) to the telephone line, you can connect it through this unit using the DATA jack. After connecting the handset and telephone line cord, connect the communication device telephone line cord to the DATA jack.

- Make sure the communication device is not in use before using this unit (making calls, storing phone numbers in memory etc.) or the communication device may not operate properly.



\*TS520MX\*

PNQX1078ZA FM0908SS0

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## 2 Making/Answering Calls

### 2-A Making calls

- 1 Lift the handset and dial the phone number.
- 2 When you finish talking, place the handset on the cradle.

#### To redial the last number dialed

Lift the handset ➡ Press **[REDIAL]**.

- **[REDIAL]** will dial the last number you called manually, not a One-Touch Dialer number (3-B).

#### To adjust the receiver volume (6 levels)

Press **[▲]** or **[▼]** repeatedly while talking.

- After hanging up, the volume level will be saved.

### 2-B Answering calls

When a call is being received, the unit rings, the ringer indicator flashes quickly. You can answer the call by simply lifting the handset.

- The ringer indicator will flash when
  - a telephone number is dialed in PULSE mode, or
  - someone picks up or hangs up another phone connected to the same phone line.This is normal.

## 3 One-Touch Dialer



### 3-A Storing phone numbers in memory

You can store up to 3 phone numbers in the one-touch auto dial buttons **[M1]**, **[M2]** or **[M3]**. Do not press any one-touch auto dial buttons before storing to prevent misoperation.

- 1 Lift the handset ➡ Press **[PROGRAM]**.
- 2 Press the one-touch auto dial button **[M1]**, **[M2]** or **[M3]**.

- 3 Enter a phone number up to 21 digits.

- 4 Press **[PROGRAM]**.

- 5 When finished, hang up.

- If a pause is required for dialing, press **[PAUSE]** in step 3. A pause stored in a phone number counts as one digit (4-C).

#### If you misprogram

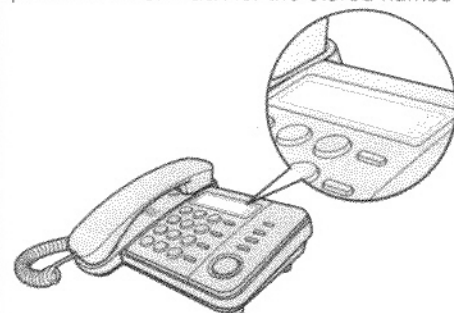
Hang up ➡ Restart from step 1.

#### To erase a stored number

Lift the handset ➡ Press **[PROGRAM]** ➡ the one-touch auto dial button **[M1]**, **[M2]** or **[M3]** of the phone number to be erased ➡ **[PAUSE]** ➡ **[PROGRAM]** ➡ Hang up.

#### Memory sticker

Use the memory sticker as a name or phone number index for the stored numbers.



## 3 One-Touch Dialer

### 3-B Dialing a stored number

- 1 Lift the handset.

- 2 Press the one-touch auto dial button **[M1]**, **[M2]** or **[M3]**.

- **[REDIAL]** does not work for One-Touch Dialer.

To dial the number again, hang up and repeat steps 1 and 2.

- If the telephone line cord is disconnected more than 3 days, the stored numbers may be erased. Store phone numbers again, if necessary.

## 4 Special Features

### 4-A For call waiting service users

To use call waiting, you must first subscribe to the call waiting service of your service provider/telephone company. This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

- 1 Press **[FLASH]** to answer the 2nd call.

- 2 To switch between calls, press **[FLASH]**.

#### Note:

- Please contact your service provider/telephone company for details and availability of this service in your area.

### 4-B Temporary tone dialing (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch-tone services (for example, answering services, telephone banking services, etc.). Press **[\*]** **[TONE]** before entering access numbers which require tone dialing.

### 4-C Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. Example: If you need to dial the line access number "9" when making outside calls with a PBX:

- 1 Lift the handset to start calling.

- 2 **[9]** ➡ **[PAUSE]**

- 3 Dial the phone number.

#### Note:

- A 2.1 second pause is inserted each time **[PAUSE]** is pressed. Repeat as needed to create longer pauses.

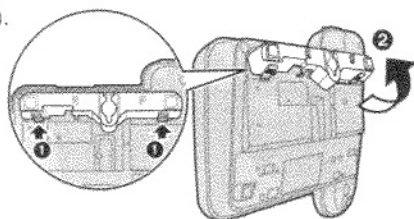
## 5 Things You Should Know



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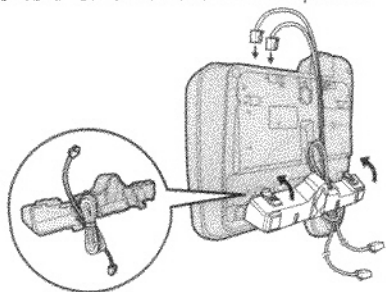
### 5-A Wall mounting

- 1 Press the tabs in the direction of the arrows (1), then remove the wall mounting adaptor (2).

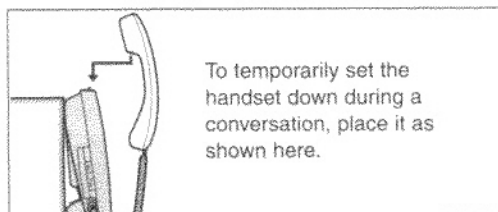
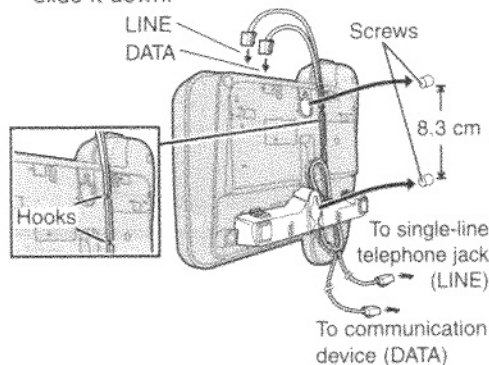


- 2 Tuck the telephone line cord inside the wall mounting adaptor, and push it in the direction of the arrow.

- The word "UP WALL" should face upward.



- 3 Drive screws (not included) into the wall using the wall template below. Connect the telephone line cord. Mount the unit and then slide it down.



### 5-B Troubleshooting

Problem	Cause/solution
The unit does not work.	• Check the connections (1-B).
The call cannot be connected even if you dialed correctly.	• Check whether the DIALING MODE selector setting is correct or not (1-B).
The unit does not ring.	• The RINGER selector is set to OFF. Set to HIGH or LOW (1-B).
You cannot store a phone number in memory.	• Confirm the handset is off the cradle. • Do not enter a phone number more than 21 digits long, or the entered number and the previously stored number will be cleared.
The other party suddenly cannot hear your voice during a conversation.	• [PROGRAM] was pressed during the conversation. Press [PROGRAM] again.
You cannot redial by pressing [REDIAL].	• If the last number dialed was more than 31 digits long, the number will not be redialed.
Liquid or other form of moisture has entered the unit.	• Disconnect the telephone line cord from the unit. Leave to dry for at least 3 days. After the unit are completely dry, reconnect the telephone line cord.

Wall Template

8.3 cm

### 5-C For your safety

To prevent severe injury and lost of life/property, read this section carefully before using the product to ensure proper and safe operation of your product.

#### WARNING

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.

#### CAUTION

- Never install telephone wiring during an electrical storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

#### Important safety instructions

When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following :

### 5-D Specifications

Power Source:	From telephone line
Dimensions (H x W x D):	Approx. 95 mm × 190 mm × 196 mm
Mass (Weight):	Approx. 518 g
Operating conditions:	5°C–40°C, 20 %–80 % relative air humidity (dry)

#### Note:

- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

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1. Do not use this product near water, for example, near bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.

#### SAVE THESE INSTRUCTIONS

##### Environment

- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- The product should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than 5°C or greater than 40°C. Damp basement should also be avoided.

##### Routine care

- Wipe the outer surface of the product with a soft moist cloth.
- Do not use benzine, thinner, or any abrasive powder.

##### Notice for product disposal, transfer, or return

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase the information such as one-touch dialer from the memory before you dispose of, transfer, or return the product.