

# Operating Instructions

## PLEASE READ BEFORE USE AND SAVE.

This model is the optional portable unit for the KX-TC1170ALN. These operating instructions cover most of the features of this portable unit.

Please read the KX-TC1170ALN operating instructions for further details.

### Accessories (included)

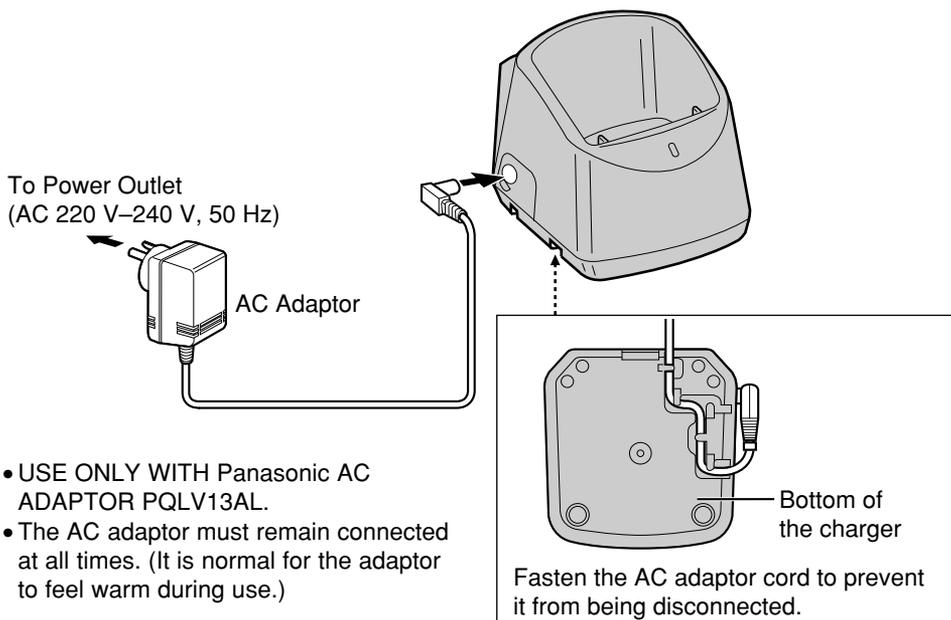
- Charger .....one
- AC Adaptor.....one
- Portable Unit Cover...one
- Battery .....one

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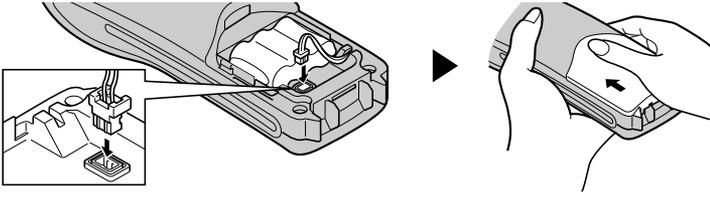
## Installation

### Connecting the AC adaptor to the charger



## Installing the battery

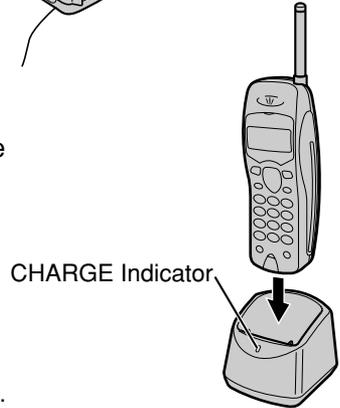
Install the battery and close the portable unit cover, locking it into place.



## Charging the battery

Place the portable unit on the charger and charge for **about 10 hours** before initial use.

- Make sure that the confirmation tone sounds when the portable unit is placed on the charger.
- The CHARGE indicator lights.
- Recharge the battery when:
  - “Recharge battery” is displayed,
  - “” flashes on the display, or
  - the portable unit beeps intermittently while it is in use.



## Battery information

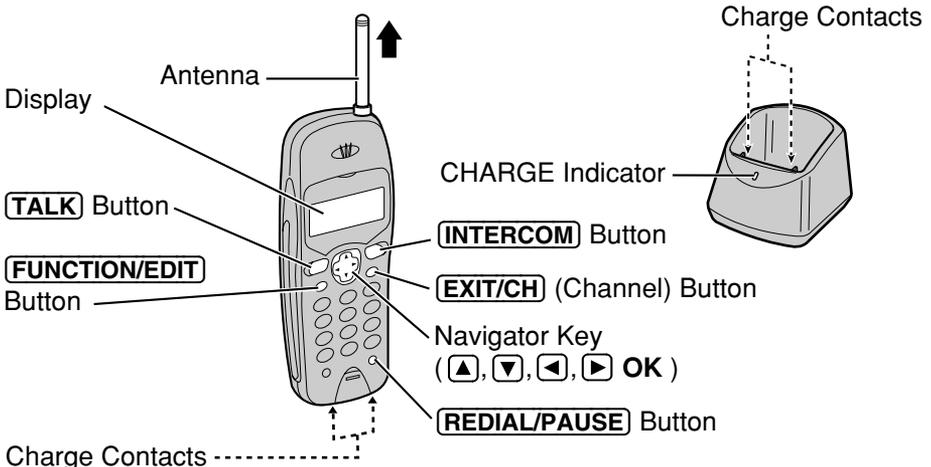
After your Panasonic battery is fully charged:

Operation	Approx. battery life
While in use (TALK)	8 hours
While not in use (Standby)	20 days

- Clean the charge contacts of the portable unit and the charger with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity. Otherwise the battery may not charge properly.

## Location of Controls

Extend the antenna for best reception.



# Registering Portable Units

Registration is necessary for portable units. A portable unit will be assigned the number at registration. The portable unit number is used when paging and transferring calls. You can register up to 4 portable units at the base unit.

You can not assign the same number to more than one portable unit. To confirm the portable unit number, place the portable unit on the charger.

**Make sure that the portable unit and base unit are in the standby mode. Registration must be completed within 1 minute.**

- 1 Base unit:**  
Press **FUNCTION/EDIT** until 2 beeps sound.
- Press **\***.
  - The IN USE indicator flashes.
- 3 Portable unit:**  
Press **FUNCTION/EDIT**.
- Press **▼** or **▲** repeatedly until the arrow points to "Program", then press **▶ OK** (Yes key).
- Press **▼** or **▲** repeatedly until the arrow points to "Unit option", then press **▶ OK** (Yes key).
- While "Assign" is at the arrow, press **▶ OK** (Yes key).
- Press **▼** or **▲** repeatedly until the desired portable unit number (1 to 4) is displayed.  
(Ex. "2" is selected.)
  - The selected number is displayed.
- Press **▶ OK** (Save key).
  - A beep sounds on the base unit and portable unit.
  - The IN USE indicator on the base unit goes out.
- Press **EXIT/CH** to return to the standby mode.
  - The portable unit number (1 to 4) will be displayed on the portable unit.

11:34<sup>AM</sup> 12/25  
SAVE AUTO# ?

11:34<sup>AM</sup> 12/25  
UNIT ASSIGN

▶Save directory  
Ringer volume  
▼▲ ▶OK=Yes

▶Program  
▼▲ ▶OK=Yes

Set recall time  
▶Unit option  
▼▲ ▶OK=Yes

▶Assign  
Erase  
▼▲ ▶OK=Yes

Unit No  
:2  
▼▲ ▶OK=Save

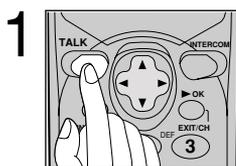
-2-

- You can exit the programming mode any time by pressing **EXIT/CH**.
- If 3 beeps sound and the display shows “Save error”, place the portable unit on the charger. Start again from step 1.
- When you want to change the portable unit number, erase the previous number. Then restart from step 1.
- While charging the portable unit, registered portable unit number is displayed.

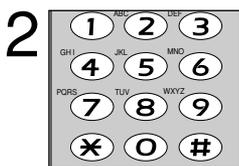
## To erase the portable unit number

Press **FUNCTION/EDIT** → **▼** or **▲** to select “Program” → **▶ OK** (Yes key) → **▼** or **▲** to select “Unit option” → **▶ OK** (Yes key) → **▼** or **▲** to select “Erase” → **▶ OK** (Yes key) → **▶ OK** (Yes key).

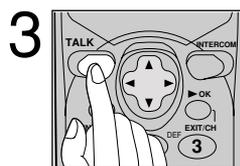
## Making Calls



Press **TALK**.



Dial a phone number.



To hang up, press **TALK** or place the portable unit on the charger.

### To dial after confirming the entered number:

Enter a phone number and press **TALK**.

- To select the receiver volume, press **▲** or **▼** while talking. 2 levels (HIGH, LOW) are available. Each time you press **▲** or **▼**, the volume level will change.
- If noise interferes with the conversation, press **EXIT/CH** to select a clearer channel or move closer to the base unit.
- When the base unit or one of the portable units is in use or in the intercom mode, other portable units can not be used.

### To redial the last number dialed

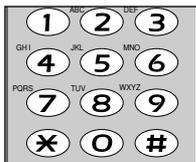
Press **TALK** → **REDIAL/PAUSE**.

## Answering Calls



Press **TALK**.

OR



Press one of the dialing buttons.

- All of the portable units ring when calls are received.

# Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company. After subscribing to a Caller ID service, the calling party's information will be displayed after the first ring.

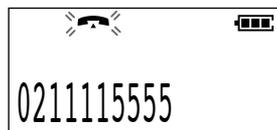
The unit can record information of up to 50 different callers, including the time and date the call was received and the number of times called, in the Caller List. The Caller List information is sorted from the most recent to the oldest call.

When the 51st call is received, the oldest call is deleted.

When a second call is received while talking, the new caller's phone number will be displayed. (For Australia only)

## How caller information is displayed when a call is received

The display shows the caller's phone number after the first ring.



- After you answer the call, the display will show the length of the call.
- Caller information cannot be displayed in the following cases:
  - If the caller dialed from an area which does not provide a Caller ID service, the display will show "Out of area".
  - If the caller has requested not to display his/her information, the display will show "Private caller".
  - If a long distance call cannot be identified, the display will show "Long distance".

## To view the Caller List

You can check who has called as follows.

**Ex. When you search from the most recent call:**

Press or OK.

\* If you receive a call from one of the same phone numbers stored in the directory, the caller's name will be displayed (**Private name display**).

\*\* If an arrow (→) is displayed after the number, the whole phone number has not been shown. Press (→) to see the remaining numbers. Press (←) to return to the previous display.

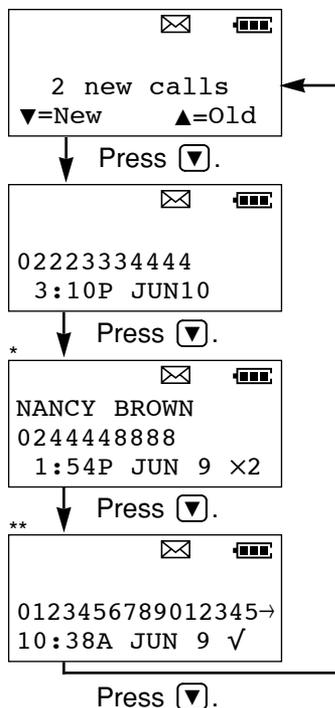
To return to the previous caller, press .

To exit the Caller List, press **EXIT/CH**.

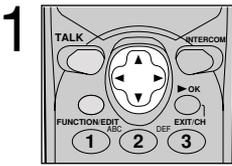
• The portable unit will return to the standby mode.

### Display meaning:

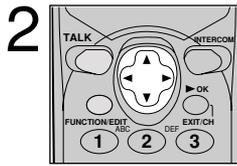
- √ : You have checked this caller information, answered the call or called back the caller.
- ×2-×9 : The number of times the same caller called (up to 9). After checking, "×2"- "×9" will be replaced with "√".



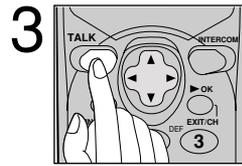
## To call back from the Caller List



Press **◀** or **▶** **OK**  
to enter the Caller List.



Press **▼** or **▲**  
repeatedly to find the  
desired caller.



Press **TALK**.

- In step 2, if required, edit the phone number (See the operating instructions for the KX-TC1170ALN).

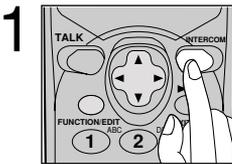
### For New Zealand Users:

Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for a local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the “0” prefix or the area code digit.

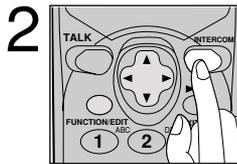
## Intercom

A 2-way intercom is available between one of the portable units and base unit when another portable unit is not in use.

### To make intercom calls

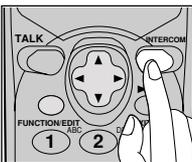


Press **INTERCOM**.

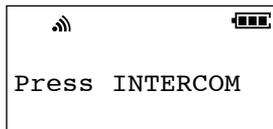


To end the intercom,  
press **INTERCOM** or  
place the portable unit  
on the charger.

### To answer intercom calls



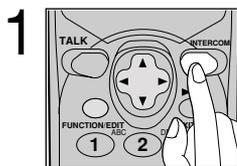
Press **INTERCOM**.



# Transferring a Call

## To the base unit

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



During a call, press **INTERCOM**.

- The call is put on hold.

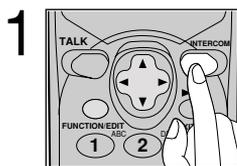
**2** When the base unit user answers the page, you can announce the transfer.

- If the base unit user does not answer the page, press **TALK**.

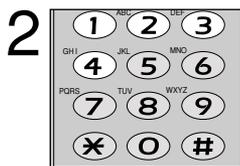
**3** When the base unit user presses **HOLD/RINGER** or **SP-PHONE** to answer the call, the transfer is completed.

## To another portable unit

Transferring a call is available between one portable unit and another one.



During a call, press **INTERCOM**.



Enter the desired portable unit number (**1** to **4**) within 2 seconds.

- The call is put on hold.
- If another portable unit user does not answer the page, press **TALK**.

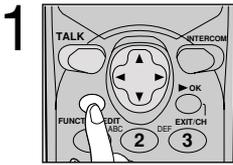
**3** When another portable unit user presses **TALK** to answer the call, the transfer is completed.

# Using the Directory

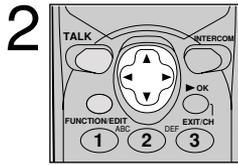
You can store up to 30 names and phone numbers in the directory. All directory items are sorted by the first word in alphabetical order. Using the directory, you can make a call by selecting a name on the display.

## To store names and phone numbers in the directory

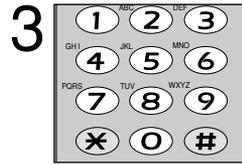
Make sure that the portable unit is in the standby mode.



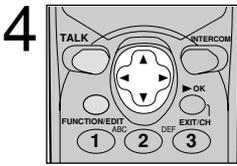
Press **FUNCTION/EDIT**.



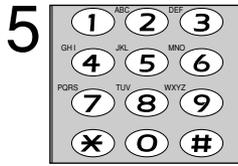
Press **OK** (Yes key) while the arrow points to "Save directory".



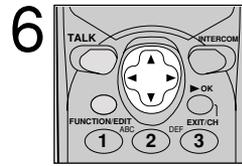
Enter a name, up to 15 characters (see below).



Press **OK** (Next key).



Enter a phone number, up to 22 digits.



Press **OK** (Save key).

- To store other items, repeat from step 2.
- To return to the standby mode, press **EXIT/CH**.

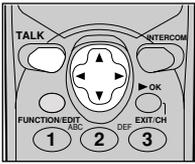
## To enter names and symbols

The dialling buttons can be used to enter letters and symbols. Pressing each button selects a character as shown below.

Keys	Index	Keys	Index	Keys	Index
[1]	# & ' ( ) * , - . / 1	[6]	M N O m n o 6	[*]	To move the cursor to the left
[2]	A B C a b c 2	[7]	P Q R S p q r s 7		
[3]	D E F d e f 3	[8]	T U V t u v 8		
[4]	G H I g h i 4	[9]	W X Y Z w x y z 9	[#]	To move the cursor to the right
[5]	J K L j k l 5	[0]	0 Blank		

- To enter another character using the same dialling button, press **#** (→) to move the cursor to the next space.
- If you make a mistake while entering a name, use **\*** (←) or **#** (→) to move the cursor to the incorrect character, press **◀** to delete and enter the correct character. Each time you press **◀**, a character is erased from the right.

## To dial from the directory



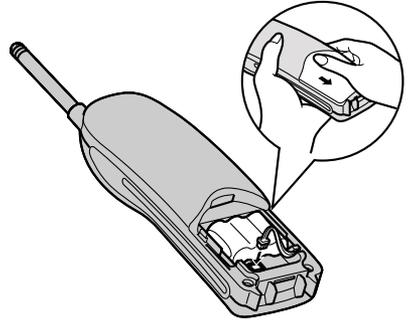
- 1 Press  or  to enter the directory list.
- 2 Press  or  repeatedly to find the desired item.
  - **To search for a name by the initial:**  
Press the dialling button for the first letter of the desired name until any name with the same initial is displayed. Press  until the name is displayed.
- 3 Press **TALK**.

- To leave the directory list at any time, press **EXIT/CH**.

## Battery Replacement

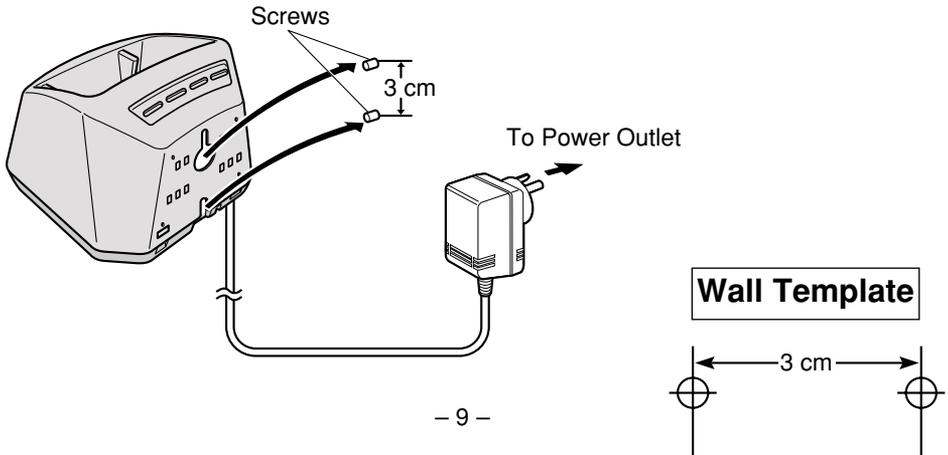
If “Recharge battery” is displayed and/or “” flashes after being fully charged, replace the battery with a new Panasonic P-P301 (KX-A36A) battery. To avoid memory loss, replace within 3 minutes.

- 1 Remove the portable unit cover by sliding while pressing the arrow.
- 2 Replace the battery, and close the cover.
- 3 Make sure to charge the new battery for about 10 hours in order to display the battery strength prompt correctly.



## Wall Mounting

The charger can be wall mounted. Install screws using the wall template below. Connect the AC adapter. Mount the charger, then slide it down.



# Safety Instructions

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Take special care to follow the safety suggestions listed below.

## Safety

- 1) 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) When left unused for a long period of time, the unit should be unplugged from the household AC outlet.
- 3) To minimize the possibility of lightning damage when you know that a thunderstorm is coming, we recommend that you:
  - a) Unplug the telephone line cord from the phone jack.
  - b) Unplug the power supply cord from the AC power outlet.

## Installations

### Environment

- 1) Do not use this unit near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
- 2) The unit should be kept 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 or greater than 40°C.
- 3) The AC adaptor is used as the main disconnect device, ensure that the AC outlet is located/installed near the unit and is easily accessible.

### Placement

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

## For best performance

- 1) If noise prevents the conversation from being understood at the portable unit, approach the base unit to lessen the noise.
- 2) The portable unit should be used at the HIGH volume setting when the reception tone is difficult to hear.
- 3) The portable unit should be fully recharged on the charger when “Recharge battery” is displayed and/or “” flashes.
- 4) The portable unit antenna should not be touched during use because of its high sensitivity.
- 5) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

## WARNING:

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

When a failure occurs which result in the internal parts becoming accessible, disconnect AC adaptor immediately and return this unit to the place of purchase or service centre.

This equipment has been tested and found to comply with AS/NZS 3548: 1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

This equipment will be inoperable if mains power fails.

The earcap on the portable unit is magnetised and may retain metallic objects.

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