Panasonic

Operating Instructions

Digital Cordless Phone

Model No. **KX-TG1100FX**
KX-TG1102FX
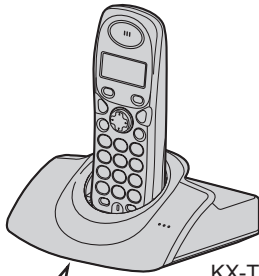
KX-TG1100

Charge the batteries for about 7 hours before initial use.

Table of Contents

You must subscribe to Caller ID service to use this feature.

Caller ID

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

Introduction

Thank you for purchasing a new Panasonic digital cordless phone.

For your future reference

Attach or keep original receipt to assist with any repair under warranty.

Serial No. (found on the bottom of the unit)
Date of purchase
Name and address of dealer

Note:

● In the event of problems, you should contact your equipment supplier in the first instance.

Declaration of Conformity:

● Panasonic Communications Co., Ltd. declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.
Declarations of Conformity for the relevant Panasonic products described in this manual are available for download by visiting:
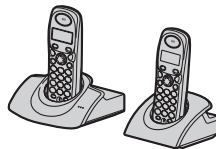http://www.doc.panasonic.de

Contact:
Panasonic Services Europe
a Division of Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany

Your phone

KX-TG1100	KX-TG1102

Note:

● The handsets have been pre-registered for use with their base unit. If not registered, see page 16.

Included accessories

No.	Accessory items	Quantity	
		KX-TG1100	KX-TG1102
①	AC adaptor for base unit Part No. PQLV19CE	1	1
②	Telephone line cord	1	1
③	Rechargeable batteries AAA (R03) size Part No. HHR-55AAAB or HHR-4EPT	2	4
④	Handset cover[*1]	1	2
⑤	Charger Part No. PQLV30018	–	1
⑥	AC adaptor for charger[*2] Part No. PQLV200CE	–	1

*1 The handset cover comes attached to the handset.
*2 The AC adaptor for the charger comes connected with the charger.

①   ②   ③

④   ⑤   ⑥
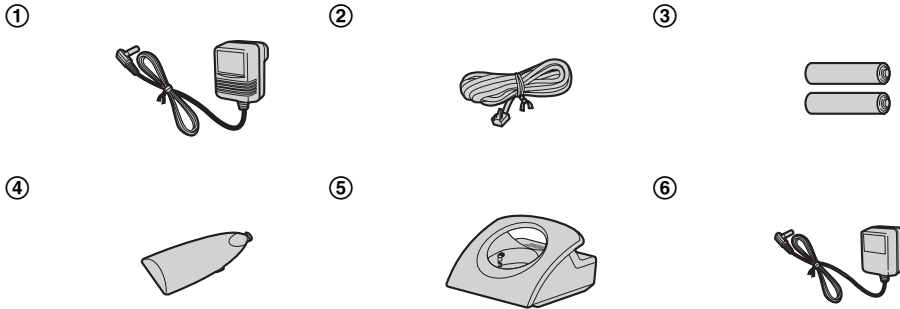
Note:

● When replacing the batteries, use only 2 rechargeable AAA (R03) size nickel metal hydride (Ni-MH) batteries. We recommend using Panasonic rechargeable batteries (Model No. P03P).

● We cannot be responsible for any damage to the unit or degradation of performance which may occur from using non-Panasonic rechargeable batteries.

Preparation

Important information

General

- Use only the AC adaptor included with this product, noted on page 3.
- Do not connect the AC adaptor to any AC outlet other than a standard 220–240 V AC outlet.
- This product is unable to make calls when:
  – The portable handset battery(ies) need recharging or have failed.
  – There is a power failure.
  – The key lock feature is turned on.
  – The call bar feature is turned on (only phone numbers stored in the unit as emergency numbers can be called).
- Do not open the base unit or handset other than to replace the battery(ies).
- This product should not be used near emergency/intensive care medical equipment and should not be used by people with pacemakers.
- Care should be taken that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this product to excessive smoke, dust, mechanical vibration or shock.
- Only the included handset can be used with the base unit. No other handsets can be registered or used.

Environment

- Do not use this product near water.
- This product should be kept away from heat sources such as radiators, cookers, etc. It should also not be placed in rooms where the temperature is less than 5 °C or greater than 40 °C.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the unit and is easily accessible.

Warning:

- To prevent the risk of electrical shock, do not expose this product to rain or any other type of moisture.
- Unplug this unit from power outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorised service centre.

Battery caution

- We recommend using the battery(ies) noted on page 3. **Use only rechargeable battery(ies).**
- Do not mix old and new batteries.
- Do not dispose of the battery(ies) in a fire, as they may explode. Check local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte from the battery(ies) is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.
- Charge the battery(ies) in accordance with the information provided in these operating instructions.
- Only use the included base unit (or charger) to charge the battery(ies). Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the battery(ies) to swell or explode.

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.
Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.
Please contact your local authority for further details of your nearest designated collection point.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.
If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Connections

Base unit

Hooks

→ To telephone network

→ (220–240 V, 50 Hz)
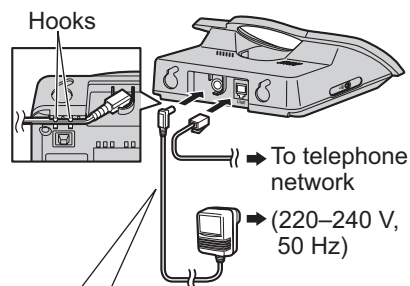
Use only the included AC adaptor and telephone line cord.

Charger (KX-TG1102 only)

Hooks

(220–240 V, 50 Hz) ←
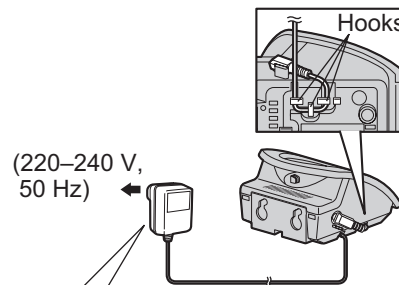
Use only the included AC adaptor.

Note:

- Never install telephone wiring during a lightning storm.
- Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.
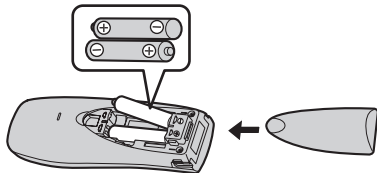
Preparation

Location

For maximum distance and noise-free operation, place your base unit:

– Away from electrical appliances such as TVs, radios, personal computers or other phones.

– In a convenient, high and central location.

Battery installation

Insert the batteries negative (⊖) terminal first. Close the handset cover.

Note:

● Use only the included rechargeable batteries (page 3, 4).

Turning the power on/off

Power on

Press 【⚲⊙】 for about 1 second.

Power off

Press 【⚲⊙】 for about 2 seconds.

Battery charge

Place the handset on the base unit or charger for about 7 hours before initial use.

Battery strength

Battery icon	Battery strength
⸰▰▰▰⸰	Fully charged.
▰▰▰	High
▰▰	Medium
▰	Low
⸰▰⸰	Needs to be charged.

Panasonic Ni-MH battery performance

Operation	Operating time
In continuous use	10 hours max.
In continuous standby mode	120 hours max.

Note:

● It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).

● Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use (standby).

● Even after the handset is fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.

● The battery strength may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and charge for at least 7 hours.

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Controls

Handset
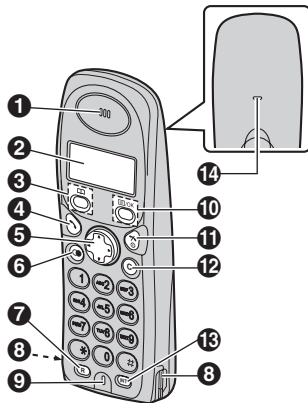
① Receiver
② Display
③ 【▯】 (Phonebook)
④ 【✆】 (Talk)
⑤ Navigator (【▲】/【▼】/【▶】/【◀】)
⑥ 【◉】 (Redial/Pause)
⑦ 【R】 (Recall)
⑧ Charge contacts
⑨ Microphone
⑩ 【▤/OK】 (Menu/OK)
⑪ 【✆①】 (Off/Power)
⑫ 【C】 (Clear)
⑬ 【INT】 (Intercom)
⑭ Ringer
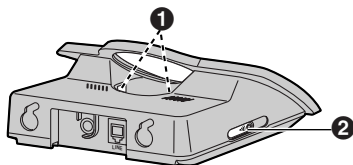
Base unit

① Charge contacts
② 【•))】 (Page)

Charger (KX-TG1102 only)
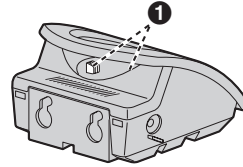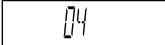
① Charge contacts

Displays

Icons	Meaning
▽	Within range of base unit
⚡	Out of range, no registration or no power on base unit
•))	Paging, intercom mode or accessing base unit
☏	Making or answering a call
▯	Phonebook mode
⇥	Setting mode
▥	Battery strength
··▯··	Call bar is on (page 11).
▮	Direct call is on (page 11).
⫽	Key lock is on (page 9).
··▯··	Ringer volume is off (page 11).
– ··	Displayed when you press 【♯】.
··▮··	If "BS NO" is selected for standby mode display (page 11) and the current base unit number is 1, "-1-" is displayed.

| Icons	Meaning
$[2]$	If "**HS NO**" is selected for standby mode display (page 11) and the current handset number is 2, "**[2]**" is displayed.
$[04]$	

4 new calls

When new calls have been received, the display will show the number of new calls.

Symbols used in these operating instructions

Symbol	Meaning
【▤/OK】	Press **【▤/OK】**.
→	Proceed to the next operation.
" "	Select the words in quotations shown on the display (e.g., "**SETTING HS**") by pressing **【▲】** or **【▼】**.

Display language

13 display languages are available.
You can select "**ENGLISH**", "**SLOVENSKY**", "**CESTINA**", "**HRVATSKI**", "**SLOVENSCINA**", "**EESTI**", "**LIETUVISKAI**", "**LATVIESU**", "**ROMANA**", "**BULGARSKI**", "**SRPSKI**", "**MAKEDONSKI**", or "**SHQIP**".

1 **【▤/OK】**

2 Press **【▲】** or **【▼】** to select "**SETTING HS**". → **【▶】**

3 Press **【▲】** or **【▼】** to select "**DISPLAY OPT**". → **【▶】**

4 Press **【▲】** or **【▼】** to select "**LANGUAGE**". → **【▶】**

5 Press **【▲】** or **【▼】** to select the desired language. → **【▶】** → **【✆①】**

Note:

● If you select a language you cannot read, press **【✆①】**, **【▤/OK】**, press **【▼】**, press **【▶】**, press **【▼】** 3 times, press **【▶】**, press **【▼】** 2 times, press **【▶】**, select the desired language, then press **【▶】**. Press **【✆①】**.

Dialling mode (tone/pulse)

Change the dialling mode depending on your telephone line service.
"**1**" (Tone): Select when you have a touch tone service.
"**2**" (Pulse): Select when you have rotary or pulse service.

1 **【▤/OK】**

2 Press **【▲】** or **【▼】** to select "**SETTING BS**". → **【▶】** → **【3】**

3 Enter base unit PIN (default: "**0000**").
● If you forget your PIN, see page 18.

4 **【1】**

5 Select the desired setting by pressing **【1】** for tone dialling mode or **【2】** for pulse dialling mode.

6 **【▶】** → **【✆①】**

Date and time

1 **【▤/OK】**

2 Press **【▲】** or **【▼】** to select "**SETTING BS**". → **【▶】** → **【✳】**

3 Enter the current hour and minute (24-hour time entry).
● If you make a mistake, press **【C】**. Digits will be cleared from the right.

4 **【▶】** 2 times → **【✳】** 2 times

5 Enter the current day, month, and year.
● If you make a mistake, press **【C】**. Digits will be cleared from the right.

6 **【▶】** → **【✆①】**

Making calls

1 Dial the phone number. → **【�’】**

2 When finished talking, press **【⌁⓪】** or place the handset on the base unit or charger.

Answering calls

1 Press **【�’】** to answer the call.
- You can also answer a call by pressing any dial key from **【0】** to **【9】**, **【＊】**, **【♯】**, or **【INT】**. **(Any key answer feature)**

2 When finished talking, press **【⌁⓪】** or place the handset on the base unit or charger.

Handset locator

1 Press **【•)))】** on the base unit.

2 To stop paging, press **【•)))】** on the base unit or press **【�’】** on the handset.

To adjust the receiver volume

Press **【▲】** or **【▼】** while on a call.

Pause button (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. Pressing **【C●】** 1 time creates 1 pause. Press **【C●】** repeatedly to create longer pauses.

Temporary tone dialling (for rotary or pulse service users)

You can temporarily switch the dialling mode to tone when you need to access touch tone services (e.g., telephone banking services).

1 Make a call.

2 Press **【＊】** when prompted to enter your code or PIN, then press the appropriate dial keys.
- The dialling mode will return to pulse when you hang up.

Redial functions (Redialling/Storing/Editing before calling/Erasing)

1 **【C●】** → Press **【▲】** or **【▼】** to select the desired number.

2 ■ **Redialling:**
   【�’】
   ■ **Storing:**
   【▶】 → "SAVE TEL NO" → **【▶】** →
   【☰/OK】 → Enter the name (9 characters max.; page 10). →
   【☰/OK】
   ■ **Editing before calling:**
   【▶】 → "EDIT CALL NO" → **【▶】**
   → Edit the number. → **【�’】**
   ■ **Erasing:**
   【▶】 → "CLEAR"/"ALL CLEAR" →
   【▶】 → "YES" → **【▶】** → **【⌁⓪】**

Key lock

The handset can be locked so that no calls or settings can be made. Incoming calls can be answered, but all other functions are disabled while key lock is on.
To turn key lock on, press **【☰/OK】** for about 2 seconds.
To turn key lock off, press **【☰/OK】** for about 2 seconds.

R button (to use the recall feature)

【R】 is used to access optional telephone services. Contact your service provider/telephone company for details.

Note:
- If your unit is connected to a PBX (private branch exchange), consult your PBX dealer for details.

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Adding entries to the phonebook

The phonebook allows you to make calls without having to dial manually. You can add 50 names and phone numbers to the phonebook.

1 **【≣/OK】** 2 times

2 Enter the party's phone number (24 digits max.). → **【≣/OK】**

3 Enter the party's name (9 characters max.). → **【≣/OK】** → **【✆⓪】**

Note:

● When caller information is received and it matches a phone number stored in the unit's phonebook, the stored name will be displayed.

Character table

Keys	Characters
【1】	# [ ] ✱ , – / 1
【2】	A B C 2
【3】	D E F 3
【4】	G H I 4
【5】	J K L 5
【6】	M N O 6
【7】	P Q R S 7
【8】	T U V 8
【9】	W X Y Z 9
【0】	(Space) 0

To edit/correct a mistake

1 Press **【◄】** or **【►】** to move the cursor to the right of where you want to correct the number/character.

2 **【C】** → Enter the correct number/character.

Making calls/Editing/Erasing

1 **【▢】** → Press **【▲】** or **【▼】** to display the desired entry.

2 ■ **Making calls:**
   【✆】
   ■ **Editing:**
   【►】 → "EDIT" → **【►】** → Edit the phone number. → **【≣/OK】** → Edit the name. → **【≣/OK】**
   ■ **Erasing:**
   【►】 → "CLEAR" → **【►】** → "YES" → **【►】** → **【✆⓪】**

Hot key (quick dial)

Assigning an entry in the phonebook to a hot key

Dial keys **【1】** to **【9】** can each be used as a "hot key", allowing you to dial a number from the phonebook by simply pressing a dial key.

1 **【▢】** → Press **【▲】** or **【▼】** to display the desired entry. → **【≣/OK】**

2 "HOT KEY REG" → **【►】**

3 Select the desired dial key. → **【►】**
   ● If the dial key is already assigned as a hot key, the displayed number will flash.

4 "YES" → **【►】** → **【✆⓪】**

Making calls/Erasing

1 Press and hold the desired hot key (**【1】** to **【9】**).

2 ■ **Making calls:**
   【✆】
   ■ **Erasing:**
   【►】 2 times → "YES" → **【►】** → **【✆⓪】**

Guide to handset settings

To customise the handset:

1 【☰/OK】

2 Press 【▲】 or 【▼】 to select "**SETTING HS**". → 【▶】

3 Press 【▲】 or 【▼】 to select the desired item in the handset settings menu. → 【▶】

4 Press 【▲】 or 【▼】 to select the desired item in the sub-menu. → 【▶】

5 Press 【▲】 or 【▼】 to select the desired setting, or follow the instructions in the "Feature" column of the chart.

● To exit the operation, press 【✂①】.

Handset settings menu	Sub-menu	Feature (default setting)
TIME ALARM	**SET TIME**	Set time alarm. ● Set the date and time beforehand (page 8). – Enter the desired hour and minute (24-hour time entry). → 【▶】 – Select the desired setting. → 【▶】
	SET ALARM	Change alarm frequency ("**OFF**").
RINGER OPT	**RINGER VOL**	Handset ringer volume (level 6)
	EXT RINGER	Ringer type for external calls ("**RING TYPE 1**")
	INT RINGER	Ringer type for internal calls ("**RING TYPE 1**")
	PAGING	Ringer type for page ("**RING TYPE 1**")
	ALARM	Ringer type for alarm ("**RING TYPE 1**")
TONE OPT	**KEY TONE**	Keytones on/off ("**ON**")
	CALL WAITING	Call waiting tone on/off ("**ON**")
	RANGE ALARM	Range alarm on/off ("**OFF**")
	BATTERY LOW	Battery low alarm on/off ("**ON**")
DISPLAY OPT	**STANDBY MODE**	Standby mode display ("**CLOCK**")
	TALK MODE	Talk mode display ("**TALK TIME**")
	LANGUAGE	Display language ("**ENGLISH**"): page 8
CALL OPT	**CALL BAR**	Call bar on/off ("**OFF**")[*1] – Enter handset PIN (default: "**0000**").[*2] – Select the desired setting. → 【▶】
	DIRECT NO	Store direct call number.[*3] – Enter a phone number (24 digits max.). – 【☰/OK】 2 times → "**ON**" → 【▶】
	SET DIRECT	Direct call on/off ("**OFF**")

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Useful Telephone Settings

Handset settings menu	Sub-menu	Feature (default setting)
`OTHER OPT`	`HSPIN CHANGE`	Change handset PIN ("`0000`").[*4] – Enter the current 4-digit handset PIN.[*2] – Enter the new 4-digit handset PIN. – Enter the new 4-digit handset PIN again.
	`AUTO TALK`	Auto talk on/off ("`OFF`")[*5]
`RESET HS`	————	Reset handset to its default settings. – Follow steps 1, 2, and 3. – Enter handset PIN (default: "`0000`").[*2] – 【▼】 → 【▶】

*1 Call bar feature prohibits making outside calls. When call bar is turned on, only emergency calls can be made. To store emergency numbers, see page 13.
*2 If you forget your PIN, see page 18.
*3 Direct call feature allows you to dial a preset phone number simply by pressing 【📞】. No dialling is necessary.
*4 If you change the PIN, please write down your new PIN as the unit will not reveal the PIN to you.
*5 Auto talk feature allows you to answer calls simply by lifting the handset off the base unit or charger. You do not need to press 【📞】.

Guide to base unit settings

To customise the base unit:

1 【☰/OK】

2 Press 【▲】 or 【▼】 to select "`SETTING BS`". → 【▶】
 ● "`INPUT CODE`" is displayed.

3 Enter the desired code number. Follow the instructions in the "Feature" column of the chart.
 ● To exit the operation, press 【☎️】.

Code No.	Feature (Default setting)
【0】	Reset base unit to its default settings.[*1] – Enter base unit PIN (default: "`0000`").[*2] → 【▶】
【3】	Dialling mode (Tone): page 8
	Flash time (600 ms)[*3] – Enter base unit PIN (default: "`0000`").[*2] → 【2】 → 【1】 – Select the desired setting by pressing 【1】 for 100 ms, 【2】 for 600 ms or 【3】 for 300 ms. → 【▶】
	DTMF mode (Off): page 14

Useful Telephone Settings

Code No.	Feature (Default setting)
【5】	Change base unit PIN ("0000").[*4] – Enter the current 4-digit base unit PIN.[*2] – Enter the new 4-digit base unit PIN. – Enter the new 4-digit base unit PIN again.
【6】	Call restriction[*5] ■ **Setting call restriction** – Enter base unit PIN (default: "0000").[*2] → Press the desired handset numbers. → 【▶】 – Enter the phone number to be restricted (8 digits max.). ● To select a different memory location, press 【▶】 and enter a number. – 【▶】 ■ **Turning on/off call restriction** – Enter base unit PIN (default: "0000").[*2] ● Handset number will be displayed. A flashing number indicates call restriction is on; a non-flashing number indicates call restriction is off. – Press the desired handset numbers to turn on/off. → 【▶】2 times
	Emergency number[*6] – Enter base unit PIN (default: "0000").[*2] → 【✳】 ■ **Storing:** – Enter the emergency number (8 digits max.). ● To select a different memory location, press 【▶】 and enter a number. – 【▶】 ■ **Editing:** Press 【▶】 to display the desired number. → 【C】 → Enter the new emergency number. → 【▶】
【✳】	Date and time: page 8

*1 Only the emergency number setting will not be reset.
*2 If you forget your PIN, see page 18.
*3 Change the flash time if necessary to suit your PBX or service provider/telephone company. For further information, consult your nearest Panasonic service centre.
*4 If you change the PIN, please write down your new PIN as the unit will not reveal the PIN to you.
*5 Call restriction feature restricts the handset from dialling certain phone numbers. You can assign up to 10 phone numbers (memory locations 0–9) to be restricted.
*6 Emergency number feature determines which phone numbers may be dialled while the call bar feature is turned on. A total of 4 emergency numbers (memory locations 1–4) can be stored.

Using Caller ID service

Important:

● This unit is Caller ID compatible. To use Caller ID features (such as displaying caller phone numbers), you must subscribe to Caller ID service. Consult your service provider/telephone company for details.
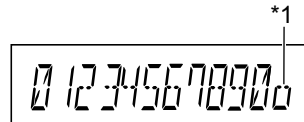
Caller ID features

Display indications

● When new calls have been received, the display will show the number of new calls.
Example: 4 new calls have been received.

$$\boxed{04}$$
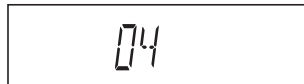
● Phone numbers of the last 50 different callers will be logged in the caller list.
Example:

*1

$$\boxed{01234567890_{\Box}}$$

*1 Shown when this call has already been viewed or answered. Press 【➼】 to call back.

● "**OUT OF AREA**": When the caller dialled from an area which does not provide Caller ID service.

● "**PRIVATE**": When the caller requested not to send caller information.

DTMF mode setting

Certain service providers/telephone companies send caller information between the first and second rings. If the display does not show caller information after a few rings, follow these instructions to set DTMF mode.

1 【≣/OK】

2 "**SETTING BS**" → 【▶】 → 【3】

3 Enter base unit PIN (default: "**0000**").
● If you forget your PIN, see page 18.

4 【4】

5 Select DTMF mode by pressing 【2】.

6 【▶】 → 【✆⊙】
● To cancel DTMF mode, press 【1】 in step 5.

Storing/Editing/Erasing

1 Press 【▲】 or 【▼】 to display the desired entry. → 【▶】

2 ■ **Storing:**
"**SAVE TEL NO**" → 【▶】 → 【≣/OK】 → Enter the party's name (9 characters max.; page 10). → 【≣/OK】 → 【✆⊙】
■ **Editing:**
"**EDIT CALL NO**" → 【▶】 → Press 【◀】 or 【▶】 to move the cursor to the right of where you want to edit the number. → Edit the phone number. → 【➼】
■ **Erasing:**
"**CLEAR**"/"**ALL CLEAR**" → 【▶】 → "**YES**" → 【▶】 → 【✆⊙】

Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. If you subscribe to this service, your service provider/telephone company's voice mail system will answer calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/telephone company, not your telephone. Please consult your service provider/telephone company for details of this service.

Intercom between handsets (KX-TG1102 only)

Intercom calls can be made between handsets in the same radio cell.

Example: When handset 1 calls handset 2

1 Handset 1:

{INT} → Press {2} (desired handset number).

2 Handset 2:
Press {➜} to answer.

3 When finished talking, press {✂⊙}.

Transferring calls between handsets, conference calls (KX-TG1102 only)

Outside calls can be transferred between 2 people in the same radio cell. 2 people in the same radio cell can have a conference call with an outside party.

Example: When handset 1 transfers a call to handset 2

1 Handset 1:

During an outside call, press {INT} → Press {2} (desired handset number).

● The outside call will be put on hold.

● If there is no answer, press {INT} to return to the outside call.

2 Handset 2:
Press {➜} to answer the page.

● Handset 2 can talk with handset 1.

3 Handset 1:
To complete the call transfer, press {✂⊙}.
To establish a conference call, press {3}.

Transferring a call without speaking to the other handset user

1 During an outside call, press {INT}. → Press the desired handset number.

● ☎ flashes to indicate the outside call is on hold.

2 {✂⊙}

● The outside call rings at the other handset.

Note:

● If the other handset user does not answer the call within 30 seconds, the call will ring at your handset again.

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Troubleshooting

If you still have difficulties after following the instructions in this section, disconnect the AC adaptor and turn off the handset, then reconnect the AC adaptor and turn on the handset.

Problem	Cause & solution
Ɏ is flashing.	● The handset is too far from the base unit. Move closer.
	● The AC adaptor is not connected. Check the connections.
	● You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones.
	● The handset registration is cancelled. Register the handset to the base unit using the following method.
	1 **[▤/OK]**
	2 "**SETTING HS**" → **[▶]**
	3 "**REGISTRATION**" → **[▶]**
	4 "**REGISTER HS**" → **[▶]**
	5 Press and hold **[•))]** on the base unit for about 5 seconds.
	● If all registered handsets start ringing, press **[•))]** to stop, then start again from step 1.
	● The rest of the procedure must be completed within 1 minute.
	6 Press **[▲]** or **[▼]** to select a base unit number. → **[▶]**
	7 Wait until "**BS PIN**" is displayed. → Enter base unit PIN (default: "**0000**"). → **[▶]**
	● If you forget your PIN, see page 18.
	● A confirmation tone will sound, and Ɏ will stop flashing.
	● If Ɏ is still flashing, start again from step 1.

Problem	Cause & solution
I cannot make or receive calls.	● The AC adaptor or telephone line cord is not connected. Check the connections. ● The call bar feature is turned on. Turn it off (page 11). ● You dialled a call restricted number (page 13). ● The key lock feature is turned on. Turn it off (page 9). ● The dialling mode setting is incorrect. Set to "Tone" or "Pulse" as needed (page 8).
The unit does not ring.	● The ringer volume is turned off. Adjust the ringer volume (page 11).
The handset display is blank.	● The handset is not turned on. Turn the power on (page 6).
The handset will not turn on.	● Make sure that the batteries are installed correctly (page 6). ● Fully charge the batteries (page 6).
A busy tone is heard when 【➘】 is pressed.	● The handset is too far from the base unit. Move closer and try again.
Static, sound cuts in/out, fades. Interference from other electrical units.	● Place the handset and the base unit away from other electrical appliances. ● Move closer to the base unit. ● Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
Noise is heard during a call.	● You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones.
Pressing 【▭●】 does not display/ dial the last number dialled.	● The redialled number was more than 24 digits long. Redial the number manually.
I fully charged the batteries, but ▭▪ still flashes.	● Clean the charge contacts and charge again (page 6). ● It is time to replace the batteries (page 6).

Useful Information

Problem	Cause & solution
Caller information is not displayed.	● You must subscribe to Caller ID service. ● Consult your service provider. ● Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
I cannot remember the PIN.	● Change the PIN using the following method. **Handset PIN:** **1** 〖☰/OK〗 **2** "SETTING HS" → 〖▶〗 **3** "OTHER OPT" → 〖▶〗 **4** "HSPIN CHANGE" → 〖▶〗 **5** Press 〖✳〗〖7〗〖0〗〖0〗〖0〗. **6** Enter the new 4-digit handset PIN. **7** Enter the new 4-digit handset PIN again. **8** 〖✂⊙〗 **Base unit PIN:** **1** 〖☰/OK〗 **2** "SETTING BS" → 〖▶〗 **3** Press 〖5〗. **4** Press 〖✳〗〖7〗〖0〗〖0〗〖0〗. **5** Enter the new 4-digit base unit PIN. **6** Enter the new 4-digit base unit PIN again. **7** 〖✂⊙〗

Specifications

■ **Standard:** DECT (Digital Enhanced Cordless Telecommunications)

■ **Number of channels:** 120 Duplex Channels

■ **Frequency range:** 1.88 GHz to 1.9 GHz

■ **Duplex procedure:** TDMA (Time Division Multiple Access)

■ **Channel spacing:** 1,728 kHz

■ **Bit rate:** 1,152 kbit/s

■ **Modulation:** GFSK (Gaussian Frequency Shift Keying)

■ **RF transmission power:** Approx. 250 mW

■ **Power source:** 220–240 V, 50 Hz

■ **Power consumption:**

Base unit:
Standby: Approx. 3.5 W
Maximum: Approx. 9.2 W

Charger[1]**:**
Standby: Approx. 0.6 W
Maximum: Approx. 5.0 W

■ **Operating conditions:** 5 °C–40 °C, 20 %–80 % relative air humidity (dry)

■ **Dimensions:**

Base unit: Approx. 58 mm × 123 mm × 115 mm

Handset: Approx. 143 mm × 48 mm × 32 mm

Charger[1]**:** Approx. 60 mm × 86 mm × 84 mm

■ **Mass (weight):**

Base unit: Approx. 180 g

Handset: Approx. 120 g

Charger[1]**:** Approx. 120 g

[1] KX-TG1102 only

Note:

● Specifications are subject to change.

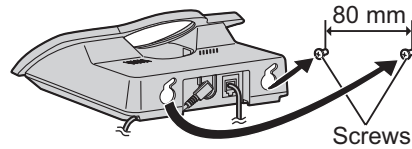● The illustrations used in these operating instructions may differ slightly from the actual product.
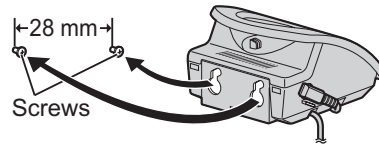
Connections:
The unit will not work during a power failure. We recommend you connect a standard telephone on the same line for power protection.

Wall mounting

Base unit

80 mm

Screws

Charger (KX-TG1102 only)

28 mm

Screws

CE0436

1999/5/EC

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