

Panasonic[®]

Operating Instructions

Digital Cordless Phone

Model No. **KX-TG6711BX**

KX-TG6712BX

KX-TG6711UE

KX-TG6712UE

Digital Cordless Answering System

Model No. **KX-TG6721BX**

KX-TG6722BX

KX-TG6721UE



Model shown is KX-TG6711.

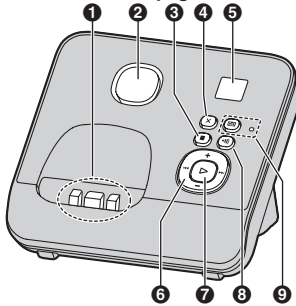
***Before initial use, see “Getting Started”
on page 8.***

Thank you for purchasing a Panasonic product.

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

**Please access our online customer survey:
<http://panasonic.net/pcc/tel/q>**

■ KX-TG6721 series: page 3



- 1 Charge contacts
- 2 Speaker
- 3 [■] (Stop)
- 4 [X] (Erase)
- 5 Message counter
- 6 [↑]/[↓] (Volume up/down)
[←]/[→] (Repeat/Skip)
- 7 [▶] (Play)
- 8 Message indicator
[📶] (Locator)
- 9 [📞] (Answer on)
Answer on indicator

Display

Handset display items

Item	Meaning
	Range status: The more bars visible, the closer the handset is to the base unit.
	Out of base unit range
	Paging, intercom mode*1
	Speakerphone is on. (page 16)
	The line is in use. <ul style="list-style-type: none"> • When flashing slowly: The call is put on hold. • When flashing rapidly: An incoming call is now being received.

Item	Meaning
	Missed call*2 (page 31)
	The base unit transmission power is set to "Low". (page 14)
	The LCD and key backlight is off. (page 24)
	<ul style="list-style-type: none"> • When displayed next to the battery icon: Answering system is on.*3 (page 33) • When displayed with a number: New messages have been recorded.*3 (page 34)
	"Greeting Only" is selected as the caller's recording time. In this case, the answering system answers calls with a greeting message and caller messages are not recorded.*3 (page 37)
	Battery level
	Alarm is on. (page 27)
	Equalizer is set. (page 18)
	Privacy mode is on.*1 (page 25)
	Ringer volume is off. (page 24)
	Night mode is on. (page 27)
	Blocked call*2 (page 28, 31)
	New voice mail message received.*4 (page 38)
Line in use	Someone is using the line.*1
IN USE	Answering system is being used by: <ul style="list-style-type: none"> – another handset*5 – the base unit.*3

*1 KX-TG6712/KX-TG6722

*2 Caller ID subscribers only

*3 KX-TG6721 series: page 3

Getting Started

*4 Voice mail subscribers only
















*5 KX-TG6722









Base unit display items

■ KX-TG6721 series: page 3

Item	Meaning
--	"Greeting Only" is selected as the caller's recording time. In this case, the answering system answers calls with a greeting message and caller messages are not recorded. (page 37)

Handset soft key icons


Icon	Action
	Returns to the previous screen or outside call.
	Displays the menu.
	Accepts the current selection.
	Displays a previously dialed phone number.
	Makes a call. (page 16)
	Temporarily turns off the ringer for incoming calls. (page 17)
	Places a call on hold.*1
	Opens the phonebook.
	Allows you to edit phone numbers. (page 28, 32)
	Adds new entry. (page 20, 28)
	Displays the character entry mode for phonebook search. (page 20)
	Turns the key lock feature off. (page 18)
	Stops alarm. (page 27)
	Snooze button on the alarm. (page 27)
	Selects a character entry mode.








Icon	Action
	Selects entries or handsets. (page 14, 27)
	Stops recording or playback.*2
	Stores phone numbers. (page 28, 32)
	Inserts a dialling pause.
	Erases the selected item or returns to the outside call.
	Allows you to make an intercom call.*1 (page 39)
	Erases a number/character.
	Puts the call on mute.

*1 KX-TG6712/KX-TG6722

*2 KX-TG6721 series: page 3

Handset main menu icons

The following icons are shown when you press  (middle soft key) in standby mode.

Icon	Feature
	Caller List
	Answer System*1
	Time Settings
	Intercom*2
	Initial Setup
	Ringer Setup
	Caller Barred*3

*1 KX-TG6721 series: page 3

*2 KX-TG6712/KX-TG6722

*3 KX-TG6711 series: page 3

Turning the power on/off

Power on

Press  for about 1 second.

Power off

Press [**Power Off**] for about 2 seconds.

Initial settings

■ **Direct command code:**

Programmable settings can be accessed by pressing [**Feature Access**], [**Star**] and then the corresponding code on the dial keypad (page 22).

Example: Press [**Feature Access**] [**Star**] **101**.

■ **Symbol meaning:**

Example: [**Up Arrow**]: "off"

Press [**Down Arrow**] or [**Left Arrow**] to select the words in quotations.

Important:

- When you install the batteries for the first time, the handset may prompt you to set display language and date and time.
 - ① Perform step 2 in "Display language", page 13, and then press **OK**.
 - ② Continue from step 2 in "Date and time", page 13.

Display language

3 display languages are available. You can select "English", "العربية", or "فارسی".

- 1 [**Feature Access**] [**Star**] **110**
- 2 [**Up Arrow**]: Select your desired language. → **OK**
- 3 [**Power Off**]

Date and time

- 1 [**Feature Access**] [**Star**] **101**
- 2 Enter the current date, month, and year.
→ **OK**
Example: 15 July, 2012
15 07 12
- 3 Enter the current hour and minute.
Example: 15:30
15 30

4 OK → [Power Off**]****Note:**

- The order in which you enter the date differs according to the selected display language.
Example:
Arabic/Persian: Year/Month/Date
English: Date/Month/Year
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Dialling mode

If you cannot make calls, change this setting according to your telephone line service. The default setting is "Tone".

"Tone": For tone dial service.

"Pulse": For rotary/pulse dial service.

- 1 [**Feature Access**] [**Star**] **120**
- 2 [**Up Arrow**]: Select the desired setting.
- 3 **OK** → [**Power Off**]

Smart function key (Top Key)

The smart function key (Top Key) is located on the top of the handset and informs you with its flashing to allow you to activate the following features by simply pressing this key.

■ **When the smart function indicator flashes rapidly, you can:**

- Answer the call (outside call, intercom*1). (page 16, 39)
- Stop the alarm sound. (page 27)
- Stop paging. (page 39)

*1 KX-TG6712/KX-TG6722

■ **When the smart function indicator flashes slowly in standby mode, you can:**

- Listen to new messages.*1 (page 35)
- View the caller list when there are missed calls. (page 31)

To activate these features, their Top key setup must be "On". (page 14)

*1 KX-TG6721 series: page 3

Getting Started

Using the smart function key (Top Key)

When the smart function indicator flashes rapidly/slowly, press **[Smart function]**.

- The above features can be activated depending the situation.
- If you answer a call using the smart function key, the speakerphone is activated.
- Even if the handset is placed on the base unit or charger, the feature can be activated. You can talk or listen to new messages*1 without lifting up the handset. If you want to perform further operations, lift up the handset.
- When the unit has new messages*1 and missed calls, the unit can be operated to play the new messages first and then show the missed calls.

*1 KX-TG6721 series: page 3

Note:

- While key lock is on (page 18), incoming calls can be answered, but the following features are disabled even when the smart function indicator flashes slowly.
 - Listen to new messages.*1 (page 35)
 - View the caller list when there are missed calls. (page 31)

*1 KX-TG6721 series: page 3











Setting the smart function key (Top Key Setup)

The Top key setup for the following features must be "On".

- "New Message"*1 (Default: On)
- "Missed Call" (Default: Off)

The settings can be set for each handset.

*1 KX-TG6721 series: page 3

- 1     
- 2 : Select the desired setting and press .
 - "✓" is displayed next to the selected features.
 - To cancel a selected feature, press  again. "✓" disappears.
- 3  → 

Note:


- If the smart function indicator flashes when the handset is not placed on the base unit or charger, battery consumption is faster than usual.

One touch eco mode

The **[R/ECO]** button on the handset enables you to activate the eco function with one touch.

By activating eco mode, your unit can reduce the base unit transmission power by up to 90 % in standby mode.

You can turn on/off one touch eco mode by just pressing **[R/ECO]**. The default setting is "Normal".

- When the one touch eco mode is on: "Low" is temporarily displayed and **ECO** is shown on the handset display instead of .
- When the one touch eco mode is off: "Normal" is temporarily displayed and **ECO** goes off from the handset display.

Note:

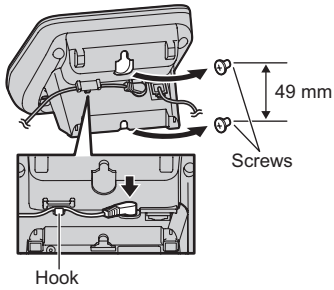
- When there is another cordless phone nearby and it is in use, the base unit transmission power may not be reduced. (KX-TG6712/KX-TG6722)
- Activating one touch eco mode reduces the range of the base unit in standby mode.
- If you set the repeater mode to "On" (page 29):
 - One touch eco mode is cancelled.
 - "Eco Setup" is not shown in the display menu (page 24).

Wall mounting

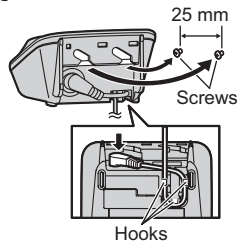
Note:

- Make sure that the wall and the fixing method are strong enough to support the weight of the unit.
- Drive the screws (not supplied) into the wall.

■ **Base unit**



■ **Charger**



Making/Answering Calls

Making calls

- 1 Lift the handset and dial the phone number.
 - To correct a digit, press **C**.
- 2 Press **[↶]** or **[↷]**.
- 3 When you finish talking, press **[📞]** or place the handset on the base unit or charger.

Using the speakerphone

- 1 Dial the phone number and press **[📞]**.
 - Speak alternately with the other party.
- 2 When you finish talking, press **[📞]**.

Note:

- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press **[📞]**/**[↶]**.

Adjusting the receiver or speaker volume

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

Making a call using the redial list

The last 10 phone numbers dialled are stored in the redial list (each 24 digits max.).

- 1 **[📞]** or **[▶]** (**📞**)
- 2 **[↕]**: Select the desired phone number.
- 3 **[↶]**

Erasing a number in the redial list

- 1 **[📞]** or **[▶]** (**📞**)
- 2 **[↕]**: Select the desired phone number.
→ **[X]**
- 3 **[↕]**: "Yes" → **[OK]** → **[📞]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service.

When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 21).

Example: If you need to dial the line access number "0" when making outside calls with a PBX:

- 1 **[0]** → **[P]**
- 2 Dial the phone number. → **[↶]**

Note:

- A 3 second pause is inserted each time **[P]** is pressed.

Answering calls

When a call is being received, the smart function indicator flashes rapidly.

- 1 Lift the handset and press **[↶]** or **[📞]** when the unit rings.
 - You can also answer the call by pressing any dial key from **[0]** to **[9]**, **[*]**, or **#[**. (**Any key answer feature**)
- 2 When you finish talking, press **[📞]** or place the handset on the base unit or charger.

Using the smart function key

When the smart function indicator flashes rapidly, press **[Smart function]**.

- You can answer the call even if the handset is placed on the base unit or charger (page 14).

You can finish talking by pressing **[📞]** without lifting up the handset.

Auto talk

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press **[↶]**. To turn this feature on, see page 24.

Adjusting the handset ringer volume

- **While the handset is ringing for an incoming call:**
Press **[▲]** or **[▼]** repeatedly to select the desired volume.

■ Programming the volume beforehand:

- 1 **[*][6][0]**
- 2 **[↓]**: Select the desired volume.
- 3 **[OK]** → **[*][*]**

Temporary handset ringer off

While the handset is ringing for a call, you can turn the ringer off temporarily by pressing



Useful features during a call

Hold

This feature allows you to put an outside call on hold.

- 1 Press **[*]** during an outside call.
- 2 **[↓]**: "Hold" → **[OK]**
- 3 To release hold, press **[*]**.
 - Another handset user can take the call by pressing **[*]**. (KX-TG6712/KX-TG6722)

Note:

- If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound and the smart function indicator flashes rapidly. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.

Mute

While mute is turned on, you can hear the other party, but the other party cannot hear you.

- 1 Press **[*]** during conversation.
 - **[*]** flashes.
- 2 To return to the conversation, press **[*]** again.

Recall/flash

[R/ECO] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

- To change the recall/flash time, see page 25.

For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with 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.

If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information is displayed after you hear the call waiting tone on the handset.

- 1 Press **[R/ECO]** to answer the 2nd call.
- 2 To switch between calls, press **[R/ECO]**.

Note:

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

Temporary tone dialling (for rotary/pulse service users)

You can temporarily switch the dialling 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 dialling.

Handset equalizer

This feature clarifies the voice of the person you are talking to, producing a more natural-sounding voice that is easier to hear and understand.

- 1 Press **[*]** while talking.

Making/Answering Calls

- 2 : "Equalizer" → **OK**
- 3 : Select the desired setting.
- 4 Press **OK** to exit.

Note:

- When this feature is turned on, is displayed while talking.
- Depending on the condition and quality of your telephone line, this feature may emphasise existing line noise. If it becomes difficult to hear, turn this feature off.
- This feature is not available while using the speakerphone.

Call share

Available for:
KX-TG6712/KX-TG6722

You can join an existing outside call. To join the conversation, press when the other handset is on an outside call.

Note:

- To prevent other users from joining your conversations with outside callers, turn the privacy mode on (page 25).

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 for about 3 seconds.

- is displayed.
- To turn key lock off, press for about 3 seconds.

Note:

- Calls to emergency numbers cannot be made until key lock is turned off.

Power back-up operation

When a power failure occurs, the charged handset temporarily supplies power to the base unit (power back-up mode). This allows you to make and receive calls using a handset during a power failure. The base unit will not perform any other functions. You can program "Power Failure" and the default setting is "Auto" (page 25).

Important:

- If a handset is not placed on the base unit when a power failure occurs, "Base no power Press or "Press is displayed. After pressing on the handset, place it on the base unit to start power back-up mode.
- Power back-up mode will not work if the battery level of the power supplying handset is .
- Do not lift the power supplying handset from the base unit during power back-up mode.
- Do not touch the handset's charge contacts during power back-up mode.
- If the battery level is low, the unit will not work sufficiently during power back-up mode. In addition, in case handset battery power runs out, we recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line jack using a T-adaptor.
- Calls cannot be made during a power failure until key lock is turned off (page 18).
- If "Please wait for 1 minute." is displayed, please do not operate the unit until the message disappears.

Panasonic Ni-MH battery performance (supplied batteries) during power back-up mode

When the batteries are fully charged, operating time of the handset in power back-up mode varies depending on usage.

- Continuous use of the handset in power back-up mode: 2 hours max.

Making/Answering Calls

- Continuous use of the handset other than a handset in power back-up mode: 3 hours max.
- Not in use in power back-up mode: 3 hours max.

Note:

- Actual battery performance depends on usage and ambient environment.

Making calls during a power failure

■ When only 1 handset is registered:

- 1 Lift the handset and dial the phone number.
- 2 Within 1 minute, place the handset on the base unit.
 - Wait until speakerphone is turned on automatically and the call is made.
- 3 When the other party answers the call, keep the handset on the base unit and talk using the speakerphone.
- 4 When you finish talking, press [**ⓧ**].

Note:

- In step 2, if you do not place the handset on the base unit within 1 minute, the power back-up mode turns off. In this case, press [**ⓧ**] on the handset and dial the phone number. Then try again from step 2.
- **When 2 or more handsets are registered:** You should leave one handset on the base unit for supplying power, and use another handset for making calls. For the operation, please see "Making calls", page 16.

Note:

- During a call with the handset placed on the base unit (power back-up mode), the call may be disconnected if you touch the handset. In such case, try to call back.
- The range of the base unit is limited during a power failure. Please use the handset close to the base unit.

Continuing a call during a power failure

When a power failure occurs during an outside call, the unit informs you with a notification tone. You can continue to talk for about 1 minute.

■ When only 1 handset is registered:

If you want to continue the conversation, press [**ⓧ**] and then place the handset on the base unit.

■ When 2 or more handsets are registered:



If you want to continue the conversation, you should leave another handset on the base unit for supplying power.

Phonebook

Handset phonebook


The phonebook allows you to make calls without having to dial manually. You can add 100 names and phone numbers.

Adding entries


- 1  → 
- 2 Enter the party's name (16 characters max.). → **OK**
 - You can change the character entry mode by pressing **[1/A/?]** (page 40).
- 3 Enter the party's phone number (24 digits max.). → **OK** 2 times
 - To add other entries, repeat from step 2.
- 4 **[↶⏻]**

Finding and calling from a phonebook entry

Scrolling through all entries

- 1 
- 2 **[↕]**: Select the desired entry.
 - You can scroll through the phonebook entry by pressing and holding **[▼]** or **[▲]**.
- 3 **[↶]**

Searching by first character

- 1 
 - Change the character entry mode if necessary:
[⊙] → **[↕]**: Select the character entry mode. → **OK**
- 2 Press the dial key (**[0]** to **[9]**, or **[#]**) which contains the character you are searching for (page 40).
 - Press the same dial key repeatedly to display the first entry corresponding to each character located on that dial key.

- If there is no entry corresponding to the character you selected, the next entry is displayed.

- 3 **[↕]**: Scroll through the phonebook if necessary.
- 4 **[↶]**

Editing entries


- 1 Find the desired entry (page 20). → **[⊞]**
- 2 **[↕]**: "Edit" → **OK**
- 3 Edit the name if necessary (16 characters max.; page 40). → **OK**
- 4 Edit the phone number if necessary (24 digits max.). → **OK** 2 times → **[↶⏻]**

Erasing entries

Erasing an entry

- 1 Find the desired entry (page 20).
- 2 **[X]** → **[↕]**: "Yes" → **OK** → **[↶⏻]**

Erasing all entries

- 1  → **[⊞]**
- 2 **[↕]**: "Erase All" → **OK**
- 3 **[↕]**: "Yes" → **OK**
- 4 **[↕]**: "Yes" → **OK** → **[↶⏻]**

Chain dial

This feature allows you to dial phone numbers in the phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the phonebook, without having to dial manually.

- 1 During an outside call, press **[⊞]**.
- 2 **[↕]**: "Phonebook" → **OK**
- 3 **[↕]**: Select the desired entry.
- 4 Press **[↶]** to dial the number.

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press **P** to add pauses after the number and PIN as necessary (page 16).
- If you have rotary/pulse service, you need to press **☒** (TONE) before pressing **☒** in step 1 to change the dialling mode temporarily to tone. When adding entries to the phonebook, we recommend adding **☒** (TONE) to the beginning of phone numbers you wish to chain dial (page 20).

4 **[☒]**

Copying phonebook entries

Available for:
KX-TG6712/KX-TG6722

You can copy phonebook entries between 2 handsets.

Copying an entry

- 1 Find the desired entry (page 20). → **☒**
- 2 **[↕]**: “Copy” → **OK**
- 3 **[↕]**: Select the handset you want to send the phonebook entry to. → **OK**
 - When an entry has been copied, “Completed” is displayed.
 - To continue copying another entry: **[↕]**: “Yes” → **OK** → **[↕]**: Select the desired entry. → **OK**
- 4 **[☒]**

Copying all entries


- 1 **☒** → **☒**
- 2 **[↕]**: “Copy All” → **OK**
- 3 **[↕]**: Select the handset you want to send the phonebook entry to. → **OK**
 - When all entries have been copied, “Completed” is displayed.

Programming



Programmable settings

You can customise the unit by programming the following features using the handset. To access the features, there are 2 methods.


■ Scrolling through the display menus

- 1 
- 2 Press [**▼**], [**▲**], [**▶**], or [**◀**] to select the desired main menu. → **OK**
- 3 Press [**▼**] or [**▲**] to select the desired item from the next sub-menus. → **OK**
- 4 Press [**▼**] or [**▲**] to select the desired setting. → **OK**
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press [**✕** **⏻**].

■ Using the direct command code

- 1  → Enter the desired code.
Example: Press  **#101**.
- 2 Select the desired setting. → **OK**
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press [**✕** **⏻**].


Note:


- In the following table, < > indicates the default settings.
- In the following table,  indicates the reference page number.
- Display menu order and sub-menu may vary depending on your model.

Display the menu tree and direct command code table


Main menu:  "Caller List"


Operation	Code	
Viewing the caller list.	#213	31


Main menu:  "Answer System"^{*1}


Sub-menu 1	Sub-menu 2	Settings	Code	
Play New Msg.	–	–	#323	34
Play All Msg.	–	–	#324	34
Erase All Msg. ^{*2}	–	–	#325	35
Greeting	Start REC ^{*2} (Record greeting)	–	#302	34
	Play Greeting	–	#303	34
	Default ^{*2} (Reset to pre-recorded greeting)	–	#304	34

Programming

Sub-menu 1	Sub-menu 2	Settings	Code	
Settings	Number of Rings ^{*2}	2-7: 2-7 Rings 4: <4 Rings> 0: Auto	#211	36
	Recording Time ^{*2}	1: 1 Minute 3: <3 Minutes> 0: Greeting Only ^{*3}	#305	37
	Remote Code ^{*2}	-	#306	35
	Call Screening	1: <On> 0: Off	#310	33
Answer On ^{*2}	-	-	#327	33
Answer Off ^{*2}	-	-	#328	33


Main menu:  "Time Settings"


Sub-menu 1	Sub-menu 2	Settings	Code	
Set Date/Time ^{*2}	-	-	#101	13
Memo Alarm	1-3: Alarm 1-3	1: Once 2: Daily 3: Weekly 0: <Off>	#720	26
Time Adjustment ^{*2, *4}	-	1: Caller ID 0: <Manual>	#226	-

Main menu:  "Intercom"^{*5}


Operation	Code	
Paging the desired unit.	#274	39

Programming


Main menu:  "Initial Setup"

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer Setup	Ringer Volume – Handset	0-6: Off-6 <6>	#160	17
	Ringer Volume – Base Unit ^{*1, *2}	0-6: Off-6 <3>	#*160	–
	Ringtone ^{*6, *7} (Handset)	<Ringtone 1>	#161	–
	Night Mode – On/Off	1: On 0: <Off>	#238	27
	Night Mode – Start/End	<23:00/06:00>	#237	27
	Night Mode – Ring Delay	1: 30 sec. 2: <60 sec.> 3: 90 sec. 4: 120 sec. 0: No Ringing	#239	27
	First Ring ^{*2, *8}	1: <On> 0: Off	#173	–
Time Settings	Set Date/Time ^{*2}	–	#101	13
	Memo Alarm – 1-3: Alarm 1-3	1: Once 2: Daily 3: Weekly 0: <Off>	#720	26
	Time Adjustment ^{*2, *4}	1: Caller ID 0: <Manual>	#226	–
Handset Name	–	–	#104	28
Caller Barred ^{*2}	–	–	#217	28
Eco Setup	Transmission Power ^{*2}	1: <Normal> 2: Low	#725	14
Display Setup	LCD & Key Backlight	1: <On> 0: Off	#276	–
	Contrast (Display contrast)	1-6: Level 1-6 <3>	#145	–
Top Key Setup	–	–	#278	14
Keytones ^{*9}	–	1: <On> 0: Off	#165	–
Area Code ^{*2}	–	–	#255	28
Call Restrict ^{*2}	–	–	#256	29
Auto Talk ^{*10}	–	1: On 0: <Off>	#200	16


Programming


Sub-menu 1	Sub-menu 2	Settings	Code	
Line Setup	Dial Mode ^{*2}	1: Pulse 2: <Tone>	#120	13
	Recall/Flash ^{*2, *11}	0: 900 msec. 1: 700 msec. 2: <600 msec.> 3: 400 msec. 4: 300 msec. 5: 250 msec. *: 200 msec. #: 160 msec. 6: 110 msec. 7: 100 msec. 8: 90 msec. 9: 80 msec.	#121	17
Privacy Mode ^{*2, *5, *12}	-	1: On 0: <Off>	#194	-
Base Unit PIN ^{*2}	-	<0000>	#132	29
Repeater Mode ^{*2}	-	1: On 0: <Off>	#138	29
Register	Register H.set	-	#130	46
	Cancel Register ^{*3}	-	#131	46
Power Failure	-	1: <Auto> 0: Off	#152	18
Language	Display	<English>	#110	13

Main menu: "Ringer Setup"

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer Volume	Handset	0-6: Off-6 <6>	#160	17
	Base Unit ^{*1, *2}	0-6: Off-6 <3>	#*160	-
Ringtone ^{*6, *7} (Handset)	-	<Ringtone 1>	#161	-
Night Mode	On/Off	1: On 0: <Off>	#238	27
	Start/End	<23:00/06:00>	#237	27
	Ring Delay	1: 30 sec. 2: <60 sec.> 3: 90 sec. 4: 120 sec. 0: No Ringing	#239	27
First Ring ^{*2, *8}	-	1: <On> 0: Off	#173	-

Programming

Main menu:  "Caller Barred"^{*2, *13}

Operation	Code	
Storing/Viewing bar call numbers.	#217	28

- *1 KX-TG6721 series: page 3
- *2 If you program these settings using one of the handsets, you do not need to program the same item using another handset. (KX-TG6712/KX-TG6722)
- *3 This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
- *4 This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received.
To turn this feature on, select "Caller ID". To turn this feature off, select "Manual". (Caller ID subscribers only)
To use this feature, set the date and time first (page 13).
- *5 KX-TG6712/KX-TG6722
- *6 The ringer tone may continue to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.
- *7 The preset melodies in this product are used with permission of © 2010 Copyrights Vision Inc.
- *8 If you do not want the unit to ring before the caller information is received, set to "Off". (Caller ID subscribers only)
You can only remove the first ring if the unit rings two times or more by default, which depends on your service provider/telephone company.
- *9 Turn this feature off if you prefer not to hear key tones while you are dialling or pressing any keys, including confirmation tones and error tones.
- *10 If you subscribe to a Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.
- *11 The recall/flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary.
- *12 To prevent other users from joining your conversations with outside callers, turn this feature on.
- *13 KX-TG6711 series: page 3



Special programming

Alarm

An alarm sounds at the set time for 1 minute and is repeated 5 times at 5 minute intervals (snooze function). A text memo can also be displayed for the alarm. A total of 3 separate alarm times can be programmed for each handset. You can set one of 3 different alarm options (once, daily, or weekly) for each alarm time.

Important:

- Set the date and time beforehand (page 13).

- 1  # 7 2 0
- 2 Select an alarm by pressing 1 to 3. →
OK
- 3 : Select the desired alarm option. →
OK

"Off" Turns alarm off. Go to step 9.
"Once" An alarm sounds once at the set time.

"Daily"

An alarm sounds daily at the set time.
Go to step 5.

"Weekly"

Alarm sounds weekly at the set time(s).

- 4 Proceed with the operation according to your selection in step 3.
 - **Once:**
Enter the desired date and month. → **OK**
 - **Weekly:**
[↕]: Select the desired day of the week and press . → **OK**
- 5 Set the desired time. → **OK**
- 6 Enter a text memo (10 characters max.; page 40). → **OK**
- 7 [↕]: Select the desired alarm tone. → **OK**
 - We recommend selecting a different ringer tone from the one used for outside calls.
- 8 [↕]: Select the desired snooze setting. → **OK**
- 9 **OK** → []
 - When the alarm is set, is displayed.

Note:

- The order in which you enter the date differs according to the selected display language.
- Example:**
Arabic/Persian: Month/Date
English: Date/Month
- Press to stop the alarm completely.
 - When the handset is in use, the alarm will not sound until the handset is in standby mode.
 - Press any dial key, [**Smart function**], or to stop the sound but keep the snooze function activated.
 - If you want to make an outside call when the snooze function is activated, please stop the snooze function before making the call.

Night mode

Night mode allows you to select a period of time during which the handset will not ring for outside calls. This feature is useful for time periods when you do not want to be disturbed, for example, while sleeping. Night mode can be set for each handset.

Important:

- Set the date and time beforehand (page 13).
- We recommend turning the base unit ringer off (page 24) in addition to turning the night mode on. (KX-TG6721 series: page 3)
- If you have set the alarm, the alarm sounds even if the night mode is turned on.

Turning night mode on/off

- 1 # 2 3 8
- 2 [↕]: Select the desired setting. → **OK**
 - If you select "OFF", press [] to exit.
- 3 Enter the desired hour and minute you wish to start this feature. → **OK**
- 4 Enter the desired hour and minute you wish to end this feature. → **OK**
- 5 []
 - When the night mode is set, is displayed.

Changing the start and end time

- 1 # 2 3 7
- 2 Continue from step 3, "Turning night mode on/off", page 27.

Setting the ring delay

This setting allows the handset to ring during night mode if the caller waits long enough. After the selected amount of time passes, the handset rings. If you select "No Ringing", the handset never rings during night mode.

- 1 # 2 3 9
- 2 [↕]: Select the desired setting. → **OK**
→ []

Programming

Note:

- When the answering system answers the call, this feature does not work. (KX-TG6721 series: page 3)

Changing the handset name

Each handset can be given a customised name ("Bob", "Kitchen", etc.). This is useful when you make intercom calls between handsets. You can also select whether or not the handset name is displayed in standby mode. The default setting is "No". If you select "Yes" without entering any handset name, "Handset 1" to "Handset 2" is displayed.

- 1 # 1 0 4
- 2 Enter the desired name (max. 10 characters; page 40).
 - If not required, go to step 3.
- 3
- 4 : Select the desired setting. → 2 times
- 5

Incoming call barring (Caller ID subscribers only)

This feature allows the unit to reject calls from specified phone numbers that you do not want to answer such as junk calls.

When a call is received, the unit does not ring while the caller is being identified. If the phone number matches an entry in the call barred list, the unit sends out a busy tone to the caller, and then disconnects the call.

Important:

- When the unit receives a call from a number that is stored in the call barred list, the call is logged in the caller list (page 31) with after the call is disconnected.

Storing unwanted callers

You can store up to 30 phone numbers in the call barred list.

Important:

- You must store the phone number with an area code in the call barred list.

■ From the caller list:

- 1 (→)
- 2 : Select the entry to be barred. →
- 3 : "Caller Barred" →
- 4 : "Yes" → →

■ By entering phone numbers:

- 1 # 2 1 7 →
- 2 Enter the phone number (24 digits max.). →
 - To erase a digit, press .
- 3

Viewing/editing/erasing bar call numbers

- 1 # 2 1 7
- 2 : Select the desired entry.
 - To exit, press .
- 3 To edit a number:
 → Edit the phone number. → →
To erase a number:
 → : "Yes" → →

Note:

- When editing, press the desired dial key to add, to erase.

Storing an area code to be deleted automatically

In some situations, phone numbers stored automatically in the caller list (page 31) will include area codes. If you do not want to dial the area code when making calls from the caller list, you can store the area code which you want the unit to delete automatically. **Example:** You have stored the area code "123". If you make a call from the caller list to the phone number "123-456-7890", the unit dials "456-7890".

- 1 **[☰] # 2 5 5**
- 2 Enter an area code (5 digits max.). →
OK → **[🔇📞]**

Setting call restriction

You can restrict selected handsets from dialling certain numbers. You can assign up to 6 phone numbers to be restricted, and select which handsets are to be restricted. Storing area codes here prevents the restricted handsets from dialling any phone number in that area code.

- 1 **[☰] # 2 5 6**
- 2 Enter the base unit PIN (default: "0000").
 - If you forget your PIN, contact an authorised service centre.
- 3 Select the handsets to be restricted by pressing **[1]** to **[2]**.
 - All handsets registered to the base unit are displayed.
 - "✓" is displayed next to the selected handset numbers.
 - To cancel a selected handset, press the same dial key again. "✓" disappears.
- 4 **OK**
- 5 Select a memory location by pressing **[1]** to **[6]**. → **OK**
- 6 Enter the phone number or area code to be restricted (8 digits max.). → **OK** → **[🔇📞]**
 - To erase a restricted number, press **[C]**.

Changing the base unit PIN (Personal Identification Number)

Important:

- If you change the PIN, please make note of your new PIN. The unit will not reveal the PIN to you. If you forget your PIN, contact an authorised service centre.

- 1 **[☰] # 1 3 2**

- 2 Enter the current 4-digit base unit PIN (default: "0000").
- 3 Enter the new 4-digit base unit PIN. →
OK → **[🔇📞]**

Increasing the range of the base unit

You can increase the signal range of the base unit by using a DECT repeater. Please use only the Panasonic DECT repeater noted on page 4. Contact your Panasonic dealer for details.

Important:

- Before registering the repeater to this base unit, you must turn the repeater mode on.
- Do not use more than one repeater at a time.

Setting the repeater mode

- 1 **[☰] # 1 3 8**
- 2 **[↕]**: Select the desired setting. → **OK**
→ **[🔇📞]**

Note:

- After turning the repeater mode on or off, **📶** is displayed on the handset momentarily. This is normal and the handset can be used once **📶** is displayed.

Registering the DECT repeater (KX-A405) to the base unit

Note:

- Please use a repeater that has not yet been registered to another unit. If the repeater is registered to another unit, deregister it first, referring to the Installation Guide for the DECT repeater.

- 1 **Base unit:**
Proceed with the operation for your model.
 - **KX-TG6711 series: page 3**
Press and hold **[📶]** for about 5 seconds. (No registration tone)



Programming

■ **KX-TG6721 series: page 3**

Press and hold **[••]]** for about 5 seconds, until the registration tone sounds.

- The next step must be completed within 90 seconds.

2 DECT repeater:

Connect the AC adaptor, then wait until the **(i)** indicator and **Y** indicator light green.

3 Base unit:

To exit the registration mode, press **[••]]**.

- The registration tone stops.
(KX-TG6721 series: page 3)

Using Caller ID service

Important:

- This unit is Caller ID compatible. To use Caller ID features, you must subscribe to Caller ID service. Contact your service provider/telephone company for details.


Caller ID features



When an outside call is being received, the caller's phone number is displayed.

Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.



- If the unit cannot receive caller information, the following is displayed:
 - “**Out of Area**”: The caller dials from an area which does not provide a Caller ID service.
 - “**Private Caller**”: The caller requests not to send caller information.
- If the unit is connected to a PBX system, caller information may not be properly received. Contact your PBX supplier.

Missed calls

If a call is not answered, the unit treats it as a missed call and  is displayed. This lets you know if you should view the caller list to see who called while you were away.

Even if only one missed call in the caller list is viewed (page 31),  disappears from the display. When you receive another new call,  is displayed again.

Note:

- Even when there are unviewed missed calls,  disappears from the standby display if the following operation is performed by one of the registered handsets:
 - Being replaced on the base unit or charger.
 - Pressing [.

Phonebook name display

When caller information is received and it matches a phone number stored in the










phonebook, the stored name in the phonebook is displayed and logged in the caller list.

Caller list



Important:

- Only 1 person can access the caller list at a time.
- Make sure the unit's date and time setting is correct (page 13).


Viewing the caller list and calling back

- 1 [] ()
- 2 Press [] to search from the most recent call, or press [] to search from the oldest call.
 - If  is displayed, not all of the information is shown. To see the remaining information, press []. To return to the previous screen, press [].
- 3 To call back, press []. To exit, press [].

Note:

- If the entry has already been viewed or answered, “” is displayed, even if it was viewed or answered using another handset.
- If the call matches an entry in the call barred list, the number is logged with  (page 28).
- If you do not want to dial the area code when making calls from the caller list, you can store the area code which you want the unit to delete automatically (page 28).

Using the smart function key

When  is displayed and the smart function indicator flashes slowly, there are missed calls. Press [**Smart function**] in step 1 on “Viewing the caller list and calling back”, page 31.

- “**Missed Call**” must be set to “On” in Top key setup (page 14).

Caller ID Service

- If the handset is placed on the base unit or charger, you need to lift up the handset to view the caller list after pressing **[Smart function]**.
- When the unit has new messages*1 and missed calls, the unit can be operated to play the new messages first and then show the missed calls.

*1 KX-TG6721 series: page 3

Editing a caller's phone number before calling back

- 1 **[←] (→)**
- 2 **[↓] (↑)**: Select the desired entry.
- 3 **[✎]** → Edit the number.
 - Press dial key (**0** to **9**) to add, **[C]** to delete.
- 4 **[↶]**

Erasing selected caller information

- 1 **[←] (→)**
- 2 **[↓] (↑)**: Select the desired entry.
- 3 **[X]** → **[↓] (↑)**: "Yes" → **OK** → **[✕⏻]**

Erasing all caller information

- 1 **[←] (→)**
- 2 **[X]** → **[↓] (↑)**: "Yes" → **OK** → **[✕⏻]**

Storing caller information to the phonebook

- 1 **[←] (→)**
- 2 **[↓] (↑)**: Select the desired entry. → **[☎]**
- 3 **[↓] (↑)**: "Phonebook" → **OK**
- 4 To store the name, continue from step 2, "Adding entries", page 20.

Answering system

Available for:
KX-TG6721 series (page 3)

The answering system can answer and record calls for you when you are unavailable to answer the phone.

You can also set the unit to play a greeting message but not to record caller messages by selecting “**Greeting Only**” as the recording time setting (page 37).


Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
- When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set correctly (page 13).
- Answering system announcements are in English only.

Memory capacity (including your greeting message)

The total recording capacity is about 30 minutes. A maximum of 64 messages can be recorded.

Note:


- When message memory becomes full:
 - “**Messages Full**” is shown on the handset display.
 - The answer on indicator on the base unit flashes rapidly if the answering system is turned on.
 - The message counter on the base unit flashes if the answering system is turned on.
 -  and the total number of new messages are not displayed on the handset even if the answering system is turned on.
 - If you use the pre-recorded greeting message, the unit automatically switches to another pre-recorded greeting message asking callers to call again later.

- If you recorded your own greeting message, the same message is still announced to callers even though their messages are not recorded.

Turning the answering system on/off

The answering system is preset to on.

Base unit

Press  to turn on/off the answering system.


- When the answering system is turned on:
 - The answer on indicator lights up.
 - The message counter displays the total number of messages (old and new).

Handset




- To turn on:**
 # 3 2 7
- To turn off:**
 # 3 2 8




2

Note:

- When the answering system is turned on,  is displayed next to the battery icon.

Call screening

While a caller is leaving a message, you can listen to the call through the handset's speaker. To adjust the speaker volume, press  or  repeatedly. You can answer the call by pressing  on the handset. Call screening can be set for each handset. The default setting is “on”.

-  # 3 1 0
- : Select the desired setting. → **OK**
→ 

Greeting message

When the unit answers a call, a greeting message is played to callers.

Answering System

You can use either:

- your own greeting message
- a pre-recorded greeting message

Recording your greeting message

- 1 **[☰] [#] 3 0 2**
- 2 **[↕]: “Yes” → OK**
- 3 After a beep sounds, hold the handset about 20 cm away and speak clearly into the microphone (2 minutes max.).
- 4 Press **[■]** to stop recording.
- 5 **[✕] [⏻]**

Using a pre-recorded greeting message

The unit provides 2 pre-recorded greeting messages:

- If you erase or do not record your own greeting message, the unit plays a pre-recorded greeting asking callers to leave a message.
- If the message recording time (page 37) is set to “Greeting Only”, callers’ messages are not recorded and the unit plays a different pre-recorded greeting message asking callers to call again.

Resetting to a pre-recorded greeting message

If you want to use a pre-recorded greeting message once you record your own greeting message, you need to erase your own greeting message.

- 1 **[☰] [#] 3 0 4**
- 2 **OK → [✕] [⏻]**

Playing back the greeting message

- 1 **[☰] [#] 3 0 3**
- 2 **[✕] [⏻]**

Listening to messages using the base unit

When new messages have been recorded, **[▶]** on the base unit flashes.

Press **[▶]**.

- If new messages have been recorded, the base unit plays back new messages.
- If there are no new messages, the base unit plays back all messages.

Operating the answering system during playback

Key	Operation
[+] or [-]	Adjust the speaker volume
[◀◀]	Repeat message*1
[▶▶]	Skip message
[■]	Stop playback
[✕]	Erase currently playing message

*1 If pressed within the first 5 seconds of a message, the previous message is played.

Erasing all messages

Press **[✕]** 2 times while the unit is not in use.

Listening to messages using the handset

When new messages have been recorded, **[☰]** is displayed on the handset with the total number of new messages.

- 1 **To listen to new messages:**

[☰] [#] 3 2 3

To listen to all messages:


[☰] [#] 3 2 4

- 2 When finished, press **[✕] [⏻]**.

Note:

- To switch to the receiver, press **[↶]**.

Using the smart function key



When  is displayed and the smart function indicator flashes slowly, there are new messages.

Press **[Smart function]** in step 1 on "Listening to messages using the handset", page 34.

- "New Message" must be set to "On" in Top key setup (page 14).

Operating the answering system

 →  → **OK**

Key	Operation
[▲] or [▼]	Adjust the receiver or speaker volume (during playback)
1 or [◀]	Repeat message (during playback) ^{*1}
2 or [▶]	Skip message (during playback)
3	Enter the "Settings" menu
4	Play new messages
5	Play all messages
6	Play greeting message
7 / 6	Record greeting message
8	Turn answering system on
	Pause message ^{*2}
9 or 	Stop recording Stop playback
0	Turn answering system off
*4 / 4 ^{*3}	Erase currently playing message
*5 / 5	Erase all messages
*6 / 6	Reset to a pre-recorded greeting message

^{*1} If pressed within the first 5 seconds of a message, the previous message is played.

^{*2} To resume playback:

[↕]: "Play" → **OK**

^{*3} You can also erase as follows:


X → **[↕]**: "Yes" → **OK**

Calling back (Caller ID subscribers only)


If caller information is received for the call, you can call the caller back while listening to a message.

- 1 Press  during playback.
- 2 **[↕]**: "Call Back" → **OK**

Editing the number before calling back

- 1 Press  during playback.
- 2 **[↕]**: "Edit & Call" → **OK**
- 3 Edit the number. → **[↶]**

Erasing all messages

- 1  **#325**
- 2 **[↕]**: "Yes" → **OK** → **[↶⏻]**

Remote operation


Using a touch-tone phone, you can call your phone number from outside and access the unit to listen to messages or change answering system settings. The unit's voice guidance prompts you to press certain dial keys to perform different operations.

Remote access code

A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorised parties from listening to your messages remotely.

Important:

- In order to operate the answering system remotely, you must first set a remote access code.

- 1  **#306**
- 2 To turn on remote operation, enter the desired 3-digit remote access code.
- 3 **OK** → **[↶⏻]**

Answering System

Deactivating remote operation

Press **[*]** in step 2 on “Remote access code”, page 35.

- The entered remote access code is deleted.

Using the answering system remotely

- 1 Dial your phone number from a touch-tone phone.
- 2 After the greeting message starts, enter your remote access code.
- 3 Follow the voice guidance prompts as necessary or control the unit using remote commands (page 36).
- 4 When finished, hang up.

Voice guidance

During remote operation, the unit's voice guidance starts and prompts you to press **[1]** to perform a specific operation, or press **[2]** to listen to more available operations.

Note:

- If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit disconnects your call.

Remote commands

You can press dial keys to access certain answering system functions without waiting for the voice guidance to prompt you.

Key	Operation
[1]	Repeat message (during playback)*1
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[6]	Play greeting message
[7]	Record greeting message
[9]	Stop recording Stop playback

Key	Operation
[0]	Turn answering system off
[*][4]	Erase currently playing message
[*][5]	Erase all messages
[*][6]	Reset to a pre-recorded greeting message (during greeting message playback)
[*][#]	End remote operation (or hang up)

*1 If pressed within the first 5 seconds of a message, the previous message is played.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely.

- 1 Dial your phone number from a touch-tone phone.
- 2 Let the phone ring 15 times.
 - A long beep is heard.
- 3 Enter your remote access code within 10 seconds after the long beep.
 - The greeting message is played back.
 - You can either hang up, or enter your remote access code again and begin remote operation (page 35).

Answering system settings

Number of rings before the unit answers a call

You can change the number of times the phone rings “**Number of Rings**” before the unit answers a call. You can select 2 to 7 rings, or “**Auto**”.

The default setting is “**4 Rings**”.

“**Auto**”: The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 5th ring when there are no new messages. If you call your phone from outside

to listen to new messages (page 36), you know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

- 1 **[M] [#] [2] [1] [1]**
- 2 **[↕]**: Select the desired setting. → **OK**
→ **[🔌]**

For voice mail service subscribers

To receive voice mail and use answering system properly, please note the following:

- To use the voice mail service (page 38) provided by your service provider/ telephone company rather than the unit's answering system, turn off the answering system (page 33).
- To use this unit's answering system rather than the voice mail service provided by your service provider/telephone company, please contact your service provider/ telephone company to deactivate your voice mail service.

If your service provider/telephone company cannot do this:

- Set this unit's "**Number of Rings**" setting so that this unit's answering system answers calls before the voice mail service of your service provider/ telephone company does. It is necessary to check the number of rings required to activate the voice mail service provided by your service provider/telephone company before changing this setting.
- Change the number of rings of the voice mail service so that the answering system can answer the call first. To do so, contact your service provider/ telephone company.

Caller's recording time

You can change the maximum message recording time allowed for each caller. The default setting is "**3 Minutes**".

- 1 **[M] [#] [3] [0] [5]**
- 2 **[↕]**: Select the desired setting. → **OK**
→ **[🔌]**

Selecting "Greeting Only"


You can select "**Greeting Only**" which sets the unit to announce a greeting message to callers but not record messages. Select "**Greeting Only**" in step 2 on "Caller's recording time", page 37.

Note:



- When you select "**Greeting Only**":
 - If you do not record your own message, the unit will play the pre-recorded greeting-only message asking callers to call again later.
 - If you use your own message, record the greeting-only message asking callers to call again later (page 34).

Voice Mail Service

Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. After you subscribe to this service, your service provider/telephone company's voice mail system answers 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. When you have new messages,  is displayed on the handset if message indication service is available. Please contact your service provider/telephone company for details of this service.

Important:

- If  still remains on the display even after you have listened to new messages, turn it off by pressing and holding  for 2 seconds.
- To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 33). For details, see page 37.
(KX-TG6721 series: page 3)

Intercom

Available for:
KX-TG6712/KX-TG6722

Intercom calls can be made between handsets.

Note:

- When paging the handset, the paged handset beeps for 1 minute.
- If you receive an outside call while talking on the intercom, you hear 2 tones. To answer the call, press [🔇📞], then press [📞].

Making an intercom call

- 1 [📞] → [📞]
- 2 [📞]: Select the desired unit. → **OK**
 - To stop paging, press [🔇📞].
- 3 When you finish talking, press [🔇📞].

Answering an intercom call

- 1 Press [📞] to answer the page.
- 2 When you finish talking, press [🔇📞].

Using the smart function key

Press [Smart function] to answer the page.

Handset locator

You can locate a misplaced handset by paging it.

- 1 **Base unit:** Press [📞].
 - All registered handsets beep for 1 minute.
- 2 To stop paging:
Base unit: Press [📞].
Handset: Press [🔇📞].

Using the smart function key

You can also stop paging by pressing [Smart function].

Transferring calls, conference calls

Available for:
KX-TG6712/KX-TG6722

Outside calls can be transferred or a conference call with an outside party can be made between 2 handsets.

- 1 During an outside call, press [📞] to put the call on hold.
- 2 [📞]: Select the desired unit. → **OK**
- 3 Wait for the paged party to answer.
 - If the paged party does not answer, press [📞] to return to the outside call.
- 4 **To complete the transfer:**
Press [🔇📞].
 - The outside call is being routed to the destination unit.**To establish a conference call:**
[📞] → [📞]: "Conference" → **OK**
 - To leave the conference, press [🔇📞]. The other 2 parties can continue the conversation.
 - To put the outside call on hold: [📞] → [📞]: "Hold" → **OK**
To resume the conference: [📞] → [📞]: "Conference" → **OK**

Note:

- If you want to return to the outside call after the paged party answers, press [X].

Answering a transferred call

Press [📞] to answer the page.

Using the smart function key

Press [Smart function] to answer the page.

Useful Information

Character entry

The dial keys are used to enter characters and numbers. Each dial key has multiple characters assigned to it. The characters that can be entered depend on the character entry mode (page 40).

- Press [◀] or [▶] to move the cursor left or right.
- Press dial keys to enter characters and numbers.
- Press **C** to erase the character or number highlighted by the cursor. Press and hold **C** to erase all characters or numbers.
- Press [A→a] to switch between uppercase and lowercase.
- If you do not press any dial key within 5 seconds after entering a character, the character is fixed and the cursor moves to the next space.
- When entering another character located on the same dial key, operation will differ depending on the display language you select.

English

- Press [▶] to move the cursor to the next space, then press the appropriate dial key.

Arabic/Persian

- Press [◀] to move the cursor to the next space, then press the appropriate dial key.

Character entry modes

The available character entry modes are Alphabet (ABC), Numeric (0-9), Arabic/Persian (ا ب ت) and Extended (ĀĂĀ). When in these entry modes except Numeric, you can select which character is entered by pressing a dial key repeatedly.

When the unit displays the character entry screen:

1/A/? → [↕]: Select a character entry mode. → **OK**

Note:

- ◻ in the following tables represents a single space.
- When you select Arabic or Persian as the display language, numbers in the character table are displayed in Arabic or Persian.

Alphabet character table (ABC)

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

Numeric entry table (0-9)

0	1	2	3	4	5	6	7	8	9	#
0	1	2	3	4	5	6	7	8	9	#

Useful Information

Arabic character table (أبجد)

- When you select Arabic as the display language, Arabic character table is available.

0	1	2	3	4	5	6	7	8	9	#
٠ ١	() ' & * , - / ١	ث ج ح ٢ خ ح	ا ب پ ة ٣ آ إ أ ث	ط ظ ع ٤ غ ء	س ش ص ض ه	ذ ذ ر ز ٦	ي ع ء ٧	م ن ه و ٨	ف ق ك ك گ ل ٩	#

Persian character table (أبجد)

- When you select Persian as the display language, Persian character table is available.

0	1	2	3	4	5	6	7	8	9	#
٠ ١	() ' & * , - / ١	ث ج ح ٢ خ ح	ا ب پ ة ٣ آ إ أ ث	ط ظ ع ٤ غ ء	س ش ص ض ه	ذ ذ ر ز ٦	ي ع ء ٧	م ن ه و ٨	ف ق ك ك گ ل ٩	#

Extended character table (AAÄ)

0	1	2	3	4	5	6	7	8	9	#
٠ ١	& ' () * , - / 1	A À Á Â Ã Ä Å Æ B C Ç 2	D E È É Ê Ë Ë F 3	G Ğ H I Ì Í Î Ï 4	J K L 5	M N Ñ O Ò Ó Ô Õ Ö 7 ø 6	P Q R S Ş ß 7	T U Ù Ú Û Ü Û V 8	W Ŵ X Y ŷ Z 9	#
		a à á â ã ä å æ b c ç 2	d e è é ê ë ë f 3	g ğ h i ì í î ï 4	j k l 5	m n ñ o ò ó ô õ ö ø 6	p q r s ş ß 7	t u ù ú û ü ü v 8	w ŵ x y ŷ z 9	

- The following are used for both uppercase and lowercase: ø Ŵ ŷ

Useful Information

Error messages

Display message	Cause/solution
Base no power or No link. Reconnect AC adaptor. or No link.	<ul style="list-style-type: none">● The handset has lost communication with the base unit. Move closer to the base unit and try again.● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.● The handset's registration may have been cancelled. Re-register the handset (page 46).● When "No link." is displayed during a power failure, place a handset on the base unit to supply power to the base unit.
Check Phone Line	<ul style="list-style-type: none">● The supplied telephone line cord has not been connected yet or not connected properly. Check the connections (page 8).
Error	<ul style="list-style-type: none">● Recording was too short. Try again.
Failed	<ul style="list-style-type: none">● Phonebook copy failed (page 21). Confirm the other handset (the receiver) is in standby mode and try again.
Incomplete	<ul style="list-style-type: none">● The receiver's phonebook memory is full. Erase the unwanted phonebook entries from the other handset (the receiver) and try again.
Memory Full	<ul style="list-style-type: none">● The phonebook memory is full. Erase unwanted entries (page 20).● Message memory is full. Erase unwanted messages (page 34, 35).● The call barred list memory is full. Erase unwanted entries (page 28).
Use rechargeable battery.	<ul style="list-style-type: none">● A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 4, 6.
You must first subscribe to Caller ID.	<ul style="list-style-type: none">● You must subscribe to a Caller ID service. Once you receive caller information after subscribing to a Caller ID service, this message will not be displayed.

Troubleshooting

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

General use

Problem	Cause/solution
The handset does not turn on even after installing charged batteries.	<ul style="list-style-type: none"> Place the handset on the base unit or charger to turn on the handset.
The unit does not work.	<ul style="list-style-type: none"> Make sure the batteries are installed correctly (page 8). Fully charge the batteries (page 9). Check the connections (page 8). Unplug the base unit's AC adaptor to reset the unit and turn off the handset. Reconnect the adaptor, turn on the handset and try again. The handset has not been registered to the base unit. Register the handset (page 46).
The handset display is blank.	<ul style="list-style-type: none"> The handset is not turned on. Turn the power on (page 12).
I cannot hear a dial tone.	<ul style="list-style-type: none"> Make sure that you are using the supplied telephone line cord. Your old telephone line cord may have a different wiring configuration. The base unit's AC adaptor or telephone line cord is not connected. Check the connections. Disconnect the base unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company.
I cannot use the smart function key even if the smart function indicator is flashing slowly.	<ul style="list-style-type: none"> Another unit is in use. Wait and try again later. The key lock feature is turned on. Turn it off (page 18).
I cannot use the intercom or phonebook copy feature.	<ul style="list-style-type: none"> These features are available between the handsets. Although the handset displays "Intercom", "Copy All", or "Copy", these features are not available for single handset models.



Programmable settings

Problem	Cause/solution
The display is in a language I cannot read.	<ul style="list-style-type: none"> Change the display language (page 13).


Useful Information

Problem	Cause/solution
I cannot activate the eco mode.	<ul style="list-style-type: none">You cannot set eco mode when you set the repeater mode "On". If required, set the repeater mode to "Off" (page 29).
I cannot register a handset to a base unit.	<ul style="list-style-type: none">You entered the wrong PIN. If you forget your PIN, contact an authorised service centre.

Battery recharge

Problem	Cause/solution
The handset beeps and/or  flashes.	<ul style="list-style-type: none">Battery charge is low. Fully charge the batteries (page 9).
I fully charged the batteries, but <ul style="list-style-type: none"> still flashes orthe operating time seems to be shorter.	<ul style="list-style-type: none">Clean the battery ends (\oplus, \ominus) and the charge contacts with a dry cloth and charge again.It is time to replace the batteries (page 8).

Making/answering calls, intercom

Problem	Cause/solution
 is displayed.	<ul style="list-style-type: none">The handset is too far from the base unit. Move closer.The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit.The handset is not registered to the base unit. Register it (page 46).Activating one touch eco mode reduces the range of the base unit in standby mode. If required, turn eco mode off (page 14).
Noise is heard, sound cuts in and out.	<ul style="list-style-type: none">You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference.Move closer to the base unit.If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.
The handset does not ring.	<ul style="list-style-type: none">The ringer volume is turned off. Adjust ringer volume (page 16).Night mode is turned on. Turn it off (page 27).
The base unit does not ring.	<ul style="list-style-type: none">The ringer volume is turned off. Adjust ringer volume (page 24).
I cannot make a call.	<ul style="list-style-type: none">The dialling mode may be set incorrectly. Change the setting (page 13).You dialled a call restricted number (page 29).The key lock feature is turned on. Turn it off (page 18).

Useful Information

Caller ID

Problem	Cause/solution
Caller information is not displayed.	<ul style="list-style-type: none">• You must subscribe to a Caller ID service. Contact your service provider/telephone company for details.• If your unit is connected to any additional telephone equipment, remove and plug the unit directly into the wall jack.• If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details.• Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
Caller information is slow to display.	<ul style="list-style-type: none">• Depending on your service provider/telephone company, the unit may display the caller's information at the 2nd ring or later. Set the first ring to "o££" (page 24).• Move closer to the base unit.
Time on the unit has shifted.	<ul style="list-style-type: none">• Incorrect time information from incoming Caller ID changes the time. Set the time adjustment to "Manual" (off) (page 23).
The name stored in the phonebook is not fully displayed while an outside call is being received.	<ul style="list-style-type: none">• Edit the phonebook entry name to fit in 1 line of text (page 20).

Answering system

Problem	Cause/solution
The unit does not record new messages.	<ul style="list-style-type: none">• The answering system is turned off. Turn it on (page 33).• The message memory is full. Erase unwanted messages (page 34).• The recording time is set to "Greeting Only". Change the setting (page 37).• If you subscribe to a voice mail service, messages are recorded by your service provider/telephone company, not your telephone. Change the unit's number of rings setting or contact your service provider/telephone company (page 36).
I cannot operate the answering system remotely.	<ul style="list-style-type: none">• The remote access code is not set. Set the remote access code (page 35).• You are entering the wrong remote access code. If you have forgotten your remote access code, enter the remote access code setting to check your current code (page 35).• The answering system is turned off. Turn it on (page 36).

Useful Information

Liquid damage

Problem	Cause/solution
Liquid or other form of moisture has entered the handset/base unit.	<ul style="list-style-type: none">● Disconnect the AC adaptor and telephone line cord from the base unit. Remove the batteries from the handset and leave to dry for at least 3 days. After the handset/base unit are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact an authorised service centre.

Caution:

- To avoid permanent damage, do not use a microwave oven to speed up the drying process.

Registering a handset to the base unit

1 Handset:

[*] [#] [1] [3] [0]

2 Base unit:

Proceed with the operation for your model.

■ KX-TG6711 series: page 3

Press and hold **[*]]** for about 5 seconds. (No registration tone)

■ KX-TG6721 series: page 3

Press and hold **[*]]** for about 5 seconds, until the registration tone sounds.

- If all registered handsets start ringing, press **[*]]** again to stop, then repeat this step. (KX-TG6712/KX-TG6722)
- The next step must be completed within 90 seconds.

3 Handset:

OK → Wait until “Base PIN” is displayed. → Enter the base unit PIN (default: “0000”).

→ **OK**

- If you forget your PIN, contact an authorised service centre.
- When the handset has been registered successfully, **Y** is displayed.

Note:

- While registering, “Base in registering” is displayed on all registered handsets. (KX-TG6712/KX-TG6722)

Deregistering a handset

1 **[*] [#] [1] [3] [1]**

- All handsets registered to the base unit are displayed.

2 **[↕]**: Select the handset you want to cancel. → **OK**

3 **[↕]**: “Yes” → **OK**

- A confirmation tone sounds.
- The handset does not beep when cancelling its own registration.

4 **[✕] [⏻]**

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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 base unit)	Date of purchase
Name and address of dealer	

Attach your purchase receipt here.

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