Please read this manual before connecting the Digital Super Hybrid System.
Thank you for purchasing the Panasonic Digital Super Hybrid System.

**Telephones**
This system can connect digital and analogue Panasonic proprietary telephones. Single line devices such as a single line telephone, facsimile, cordless telephone, voice processing system, etc. can also be connected.

**More Extensions**
This system can double the extension capacity by connecting a proprietary telephone and a single line telephone. The proprietary telephone can share the extension with another single line telephone. Furthermore, you can connect a Panasonic digital proprietary telephone and a single line telephone to one jack and use them as individual extensions.

**Saves on telephone charges (LCR = Least Cost Routing)**
This system chooses the most cost-effective carrier based on the outside number dialled and the time called.

**Call Record (Station Message Detail Recording)**
This system can record or print out call information: date, time, extension no., dialled no., duration, etc.

**DECT System**
This system optionally supports the DECT system. A DECT Portable Station (PS) can be used in the system with other wired telephone.

**Voice Mail Integration**
You can forward your call to a voice processing system and let callers leave their messages in your mailbox when you are unable to receive calls.

**Note:**
In this manual, the suffix of each model number is omitted.
**WARNING**

THIS UNIT MAY ONLY BE INSTALLED AND SERVICED BY QUALIFIED SERVICE PERSONNEL.

WHEN A FAILURE OCCURS WHICH RESULTS IN THE INTERNAL PARTS BECOMING ACCESSIBLE, DISCONNECT THE POWER SUPPLY CORD IMMEDIATELY AND RETURN THIS UNIT TO YOUR DEALER.

DISCONNECT THE TELECOM CONNECTION BEFORE DISCONNECTING THE POWER CONNECTION PRIOR TO RELOCATING THE EQUIPMENT, AND RECONNECT THE POWER FIRST.

THIS UNIT IS EQUIPPED WITH AN EARTHING CONTACT PLUG. FOR SAFETY REASONS THIS PLUG MUST ONLY BE CONNECTED TO AN EARTHING CONTACT SOCKET WHICH HAS BEEN INSTALLED ACCORDING TO REGULATIONS.

THE POWER SUPPLY CORD IS USED AS THE MAIN DISCONNECT DEVICE. ENSURE THAT THE SOCKET-OUTLET IS LOCATED/INSTALLED NEAR THE EQUIPMENT AND IS EASILY ACCESSIBLE.

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

---

**WARNING**

Static sensitive devices are used. To protect printed circuit boards from static electricity, do not touch connectors indicated to the right. To discharge body static, touch ground or wear a grounding strap.

---

The following icons are used frequently in this manual.

- **!!** Hints
- **_conditions** Conditions
Attention

• Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors and televisions. These noise sources can interfere with the performance of the unit.

• This unit should be kept free of dust, moisture, high temperature (more than 40°C) and vibration, and should not be exposed to direct sunlight.

• Never attempt to insert wires, pins, etc., into the vents or holes of this unit.

• If there is any trouble, disconnect the unit from the telephone line. Plug the telephone directly into the telephone line. If the telephone operates properly, do not reconnect the unit to the line until the problem has been repaired by an authorised Panasonic Factory Service Centre. If the telephone does not operate properly, chances are that the problem is in the telephone system, and not in the unit.

• Do not use benzine, thinner, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.

The serial number of this product may be found on the label affixed to the unit. You should note the model number and the serial number of this unit in the space provided and retain this manual as a permanent record of your purchase, to aid in identification in the event of theft.

MODEL NO.: 
SERIAL NO.: 

For future reference

DATE OF PURCHASE ____________________________
NAME OF DEALER __________________________________
DEALER’S ADDRESS ________________________________

APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

KX-TD816

NS / 1010 / 235 / R / 604365

KX-TD1232

KX-TD1232
Safety Instructions

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

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.

2. Avoid using a telephone (other than a cordless type) during an electric storm. There may be a remote risk of electric shock from lightning.

3. Do not use the telephone to report a gas leak in the vicinity of the leak.

4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS
# Table of Contents

## Overview

1-2  | Capacity
1-3  | Names and Locations
1-4  | Connection Example
1-5  | Adding Another Telephone in Parallel

## Operation

2-2  | Before Operating the Telephones
     | Making Calls
     | Basic Calling
     | Easy Dialling
     | Redial
     | When the Dialed Line is Busy or There is No Answer
2-22 | Calling without Restrictions
2-24 | Alternating the Calling Method
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2-70 | Turning on the Background Music
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2-85 | Recording a Call Log
2-86 | Denying Other People the Possibility of Seeing Your Call Log
2-87 | Using the KX-T7431, KX-T7433, KX-T7436 or KX-T7235
This section briefly outlines your system
You can connect the following number of outside lines, wired extensions and wireless extensions to your system.

<table>
<thead>
<tr>
<th>System</th>
<th>Outside line</th>
<th>Wired extension</th>
<th>Wireless extension*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KX-TD816</strong></td>
<td>0</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td><strong>KX-TD1232</strong></td>
<td>0</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>38</td>
<td>64</td>
<td></td>
</tr>
</tbody>
</table>

- Actual capacity will depend on the number or/and type of card/units connected to the system. For details, consult your dealer.
- * This is the maximum number of DECT portable stations that you can register.
To open the front cover
1. Loosen the two screws on the right side of the main unit.
   The two screws are attached to the front cover with springs so that they will not be lost.

2. Open the front cover in the direction of arrow \( \Rightarrow \).

To close the front cover
1. Reverse the steps above.
Connection Example

This diagram shows you a connection example including optional equipment.

- Printer or Personal Computer
- Battery Adaptor
- Car Battery
- To AC Outlet
- Doorphone
- Door Opener
- To Outside Lines (with Lightning Protectors)
- To Extensions
- External Music Source
- Amplifier
- External Speaker
- Cell Station (CS)
- DECT Portable Station
- Data Terminal
- Single Line Telephone
- Cordless Phone
- Telephone Answering Machine with Facsimile
- Voice Processing System
- KX-T7431
- KX-T7436
- KX-T7433
- KX-T7440

: needs Optional Cards or Adaptor.
Adding Another Telephone in Parallel

A Panasonic proprietary telephone and a single line telephone, including a facsimile, cordless telephone, etc., can be connected to one extension jack in parallel. There are two types of parallel connections.

- **Parallelled Telephone Connection**
  - Any proprietary telephone and a single line telephone
    These telephones share the same extension number. Follow Method 1 or 2.
    To ring the single line telephone, set to ring (on) if necessary. ("Setting the Parallel Connected Telephone Ringer")

- **EXtra Device Port (XDP)**
  - Digital proprietary telephone and a single line telephone
    Each telephone has a different extension number and can work individually. For more information, contact your dealer. Follow Method 2 or 3.

**Method 1**

Method 1

2-conductor wiring cord
Connect pins "A" and "B".

![](image)

2-conductor wiring cord
For a digital proprietary telephone:
Connect pins "L" and "H" only.
("A" and "B" are not required.)
For an analogue proprietary telephone:
Connect pins "A" and "B" and "L" and "H".

Proprietary Telephone
Single Line Telephone
**Method 2**

- **4-conductor wiring cord**
  - Connect pins “A”, “B”, “L” and “H”.

- **Master socket**
  - To single line telephone
  - To system

- **Standard SLT cord**
  - To single line telephone
  - To system

**Method 3**

- **2-conductor wiring cord**
  - Connect pins “L” and “H”.

- **Digital Proprietary Telephone**

- **Master socket**
  - To single line telephone
  - To system

- **2-conductor wiring cord**
  - Connect pins “A” and “B”.

- **Digital Proprietary Telephone**

- **Master socket**

- **Standard SLT cord**

- **Single Line Telephone**
This chapter shows you how to operate each feature step by step. Read this chapter to become familiar with the many useful features of this system.
Before Operating the Telephones

- What kind of telephone can be used?
  
  You can use a single line telephone (SLT), such as a rotary pulse telephone or a Panasonic proprietary telephone (PT) such as the KX-T7436. Operate the feature depending on the telephone you are using. If you are using a Panasonic proprietary telephone with a special function button such as and/or has a display (D – PT), you can follow the operation with the button or display messages for easy programming. If you use a large display telephone (e.g. KX-T7436), you can follow the displayed messages to operate the features. If your telephone does not have function buttons and/or a display, you may operate the unit by entering a feature number instead. Follow the available operation with your telephone. If you use a Console, you can use the buttons on the Console as the buttons on the connected proprietary telephone.

- Feature Numbers
  
  To operate certain features, you need to enter specified feature numbers (and an additional parameter if required). There are two types of feature numbers as follows:
  - Flexible feature number
  - Fixed feature number

  Fixed feature numbers cannot be changed. However, you can change the flexible numbers to other numbers for easier use. If you want to change the numbers, consult your dealer. In this manual, the default numbers (factory installed) are used for operations. A flexible number is shown as a (half-shaded key). Use the new programmed number if you have changed the feature number. Write the new number in the “Feature Number List” (Appendix).

  If you use a single line telephone which does not have the “#” or “*” keys; it is not possible to access features that have “#” or “*” in their feature numbers.

- Tones
  
  You will hear various tones, during or after an operation, for confirmation. Refer to “What is This Tone?” (Appendix).
Display

In this manual, you will see “the display ...”. This refers to the display of a Panasonic proprietary telephone. If your telephone is not a Panasonic proprietary telephone with a display, the message will not be displayed.

If you use a Panasonic display proprietary telephone, the display helps you confirm the settings. For example, when you set the Do Not Disturb feature, the display shows “Do Not Disturb”. Some proprietary telephones also give you easy access to operations. A message is displayed depending on the operation. By pressing the corresponding button on the side or bottom of the display, or rotating a jog dial, you can access the desired feature. For example, if turning background music on becomes available, “BGM” will be shown on the display. Follow the instructions in each operation.

Furthermore, depending on the display proprietary telephone, you can operate features or make calls using the display message. Refer to “Using the Display Proprietary Telephone”.

Your Extension Number

If you use a Panasonic display proprietary telephone, you can check your own extension number on the display. Refer to “Customising Your System – Programming Information” (Customising Your Phone & System).

Examples

The displays and the illustrations shown as examples are from a telephone connected to the KX-TD1232.

Restrictions

Some features may be restricted at your extension under system programming. Consult your manager or dealer.
Icon Descriptions

The following icons show you the feature availability, notes and action to operate the features. While operating the unit, you can easily refer to the Icons noted on the inside back cover of this manual.

This feature cannot be operated with a single line telephone.

Seize an external line (One of the following).
- Press the CO button.
- Dial automatic line access number 9.
- Dial outside line number 81 to 88.

Related Programming Title
See “Programming”, if necessary.

Off-hook (One of the following).
- Lift the handset.
- Press the SP-PHONE button.
- Press the MONITOR button. (To start talking, lift the handset.)

On-hook (One of the following).
- Hang up.
- Press the SP-PHONE button.
- Press the MONITOR button.

Press the corresponding function button on the proprietary telephone. (See to “When You Use a Panasonic Proprietary Telephone”.)

Related Programming Title
See “Programming”, if necessary.

Press the Call button on the Doorphone.

Press the Recall button on a single line telephone.

Wait for an answer.

Talk.

You will hear a confirmation, dial or ring tone.
- C. Tone: confirmation tone
- D. Tone: dial tone
- R. Tone: ring tone

Enter the required number.

<Example>
- phone no.

Dial the telephone number.

- desired no.

Enter the required number.

- extension no.

Dial an extension number.

- account code

Enter the account code.

Enter the required number.
When You Use a Panasonic Proprietary Telephone

If you use a Panasonic proprietary telephone and the Console, they may have some of the useful function buttons listed below. These buttons make operations simple. The illustrations may differ from the buttons on your telephone.

**ANSWER**: Used to answer an incoming call.

**AUTO ANSWER / MUTE**: Used to receive an incoming intercom call in the hands-free mode or mute the microphone during a conversation.

**AUTO DIAL / STORE**: Used for System Speed Dialling or storing program changes.

**CO**: Used to make or receive an outside call. A Loop-CO button supports all lines. Pressing this button seizes an idle line automatically. (Button assignment is required.) Also used as the desired function buttons. (Button assignment is required.) (Only the CO “number” (e.g. 1, 2) may be shown on some telephones.)

**CONF**: Used to establish a three-party conversation.

**DSS**: Used to access the extension. (Only the “S” may be shown on some telephones.)

**FLASH / RCL**: Used to send a flash signal to the Central Office or another connected PBX. Or used to disconnect the current call and make another call without hanging up.

**FUNCTION**: Located beside the display. Used to perform the displayed function or operation.

**Call Forwarding / Do Not Disturb**: Used to perform Call Forwarding or Do Not Disturb.

**Jog Dial**: Used to adjust the volume and the display contrast or select desired items for each function.

**HOLD**: Used to place a call on hold.

**INTERCOM**: Used to make or receive an intercom call.

**MESSAGE**: Used to leave a message waiting indication or call back the party who left the message waiting indication.

**MODE**: Used to shift the display to access various features.

**MONITOR**: Used for hands-free dialling. You can monitor the party’s voice hands-free.

**PAUSE**: Used to insert a pause during dialling. Used to enter the programming mode instead of using the PROGRAM button.

**PROGRAM**: Used to enter and exit the Programming mode.

**Programmable Function**: Located on the upper part of the CO button or on the DSS Console. Assigns the desired button and used to access the stored function. Mostly used as a one-touch dialling button. (Only the “F and number” may be shown on some telephones.)

**REDIAL**: Used to redial.

**RELEASE**: Used to disconnect the line.

**SAVE**: Used to store a dialled phone number and redial.
Before Operating the Telephones

- **SELECT**: Used to select the displayed function or to call the displayed phone number.

- **SHIFT**: Used to alternate between the subfunctions on the display.

- **Soft**: Used to perform a function or operation appearing on the bottom line of the display.

- **Speakerphone**: Used for the hands-free operation.

- **TRANSFER**: Used to transfer a call to another party.

---

**Using a Jog Dial**

The Jog Dial can be used for the display contrast and the volume control or you can search for desired items on the display. Rotate the Jog Dial in the either direction as desired. The contrast or the volume level and the items will change as follows:

- **Left** (counter-clockwise)
  - Level decreases
  - To the previous item

- **Right** (clockwise)
  - Level increases
  - To the next item

If the term is in parentheses like (Account) in this section, it means a flexible button has been made into an “Account” button.
How to Follow the Steps

A sample operation is shown below.

Calling Without a Restriction

Using an account code (Account Code Entry)

An Account Code gives information about outside calls for accounting and billing purposes. You may not be able to make an outside call without an account code entry. The mode is assigned to each user. Ask your manager for your mode.

PT / SLT

<table>
<thead>
<tr>
<th>Feature title</th>
<th>Description</th>
<th>Operation steps</th>
<th>Conditions</th>
<th>Hints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook</td>
<td>Press &quot;ACCNT&quot;: Account or dial 49.</td>
<td>Press # or dial 99.</td>
<td>Enter account code (max. 10 digits).</td>
<td>Press CO or enter line access number (9 or 81-88). Enter phone number.</td>
</tr>
<tr>
<td>C Tone</td>
<td>Enter phone number.</td>
<td>Enter phone number.</td>
<td>Enter phone number.</td>
<td>Enter phone number.</td>
</tr>
</tbody>
</table>

• A Panasonic proprietary telephone user can enter an account code during a conversation and when hearing a reorder tone after the other party hangs up.
• If you enter the wrong code, press the "*" key while entering the account code and then re-enter the code.
• To cancel the entry, press the Account button or the hookswitch while entering the code.
• For your convenience, you can store the code with the phone number in memory (e.g. Speed dialling).
• If you hear a reorder tone, the entered account code is wrong. Enter the correct code.

Customising Your Phone

• Customising the Buttons
  Create or re-arrange an Account button.

Programming References: The related or required programming is noted. To programme, see "Customising Your Phone & System".
**Making Calls**

### Basic Calling

#### Calling another extension

**To another extension (Intercom Call)**

- **Off-hook.**
- Enter extension number or press DSS.
- **Talk.**

*Example>*
When you call Mr. Thomas....
Mr. Thomas’s extension number is 223.

- **Off-hook.**
- **Dial 223.**
- **Talk.**

- The DSS button light shows the current status as follows:
  - **Off:** The extension is idle.
  - **Red on:** You or another extension is using the line.

---

**Customising Your Phone**

- **Customising the Buttons**
  - Create or re-arrange a DSS button.

**Customising Your System**

- **Extension Number Set**
- **Extension Name Set**

---

**To an operator (Operator Call)**

- **Off-hook.**
- **Dial 0 or enter operator call number.**

- Do you have an extension directory?
  - Complete the directory on page 6-10 and make a copy for your reference.

- For quick operation
  - If you are an operator or dial some extensions frequently, the DSS button is useful.

---

- Confirming the dialled number before connecting
  - You can go off-hook after confirming the number you dialled. If you misdial, press “X” to clear each number from the right or press the FLASH/RCL button to clear all numbers.
Calling an external party

You have to seize an outside line before dialling an outside phone number because external calls are made via your system.

Select one of the following methods:

• Press an idle (CO) button.
• Dial automatic line access number 9.
  An idle line is selected automatically.
• Dial outside line number 81 to 88.
  A specific line is selected.

Hands-free operation

You can have a conversation in the hands-free mode using the SP-PHONE button. You can then perform other tasks at the same time.

Helpful hints for hands-free operation

– Use your telephone in a quiet room for best performance.
– If the other party has difficulty hearing you, decrease the volume.
– If you and the other party talk at the same time, parts of your conversation will be lost. To avoid this, talk alternately.

To select the less expensive line automatically, dial “9” or press the Loop-CO button to seize a line. (LCR = Least Cost Routing)

Confirming the dialled number before connecting

You can go off-hook after confirming the number you dialled. If you misdial, press “*” to clear each number from the right or press the FLASH/RCL button to clear all numbers.

Call information

The following information can be referred to by repeatedly pressing the CO button in use.

– Phone number (outgoing call) or call duration (incoming call)
– Meter
– Call charge

To call another party without hanging up, just press the Terminate button or “TRM” button on the display, re-access an outside line and dial the new phone number.

Emergency call

You can dial pre-programmed emergency numbers without any restrictions.
(Defaults: 999, 112)

Customising Your Phone

• Initial Settings
  – Preferred Line Assignment — Outgoing
    Select the seized line when going off-hook.

• Customising the Buttons
  Create or re-arrange the Terminate button.

• Charge Fee Management

The CO button light shows the current status as follows:

Off: The line is idle.
Green on: You are using the line.
Red on: The line is in use.

• CO1 to CO8 correspond to outside line numbers 81 to 88 respectively. (Default: Setting)

Emergency call

You can dial pre-programmed emergency numbers without any restrictions.
(Defaults: 999, 112)

Customising Your Phone

• Initial Settings
  – Preferred Line Assignment — Outgoing
    Select the seized line when going off-hook.

• Customising the Buttons
  Create or re-arrange the Terminate button.

• Charge Fee Management

The CO button light shows the current status as follows:

Off: The line is idle.
Green on: You are using the line.
Red on: The line is in use.

• CO1 to CO8 correspond to outside line numbers 81 to 88 respectively. (Default: Setting)

Emergency call

You can dial pre-programmed emergency numbers without any restrictions.
(Defaults: 999, 112)
Making Calls

Easy Dialling

This is convenient for frequently dialled phone numbers.
- With one touch button
- Using numbers stored at your extension
- Using numbers stored in the system
- To a pre-set party by going off-hook
- Using a pre-assigned number
- To a Phantom extension

With one touch button (One-Touch Dialling)

Customising Your Phone

- Initial Settings
  - Full One-Touch Dialling Assignment
    Allow or cancel the one-touch operation while on-hook. (Default: Allow)
- Customising the Buttons
  Create or re-arrange the One-Touch Dialling button and store the desired number, phone number, feature number, etc.

Using numbers stored at your extension (Station Speed Dialling)

You can store up to ten numbers at your extension for your personal use.

To store a phone number

- "*" and PAUSE can also be stored as digits.
◆ To dial

**PT / SLT**

- Off-hook.
- Dial 6*.
- Enter station speed dial number (0-9).

◆ Using numbers stored in the system (System Speed Dialling)

Up to 500 parties can be stored in the system. Refer to the directory on page 6-10.

**PT / SLT**

- Off-hook.
- Press AUTO DIAL or dial *.
- Enter system speed dial number (3 digits).

• More than one speed dial number can be used for long telephone numbers, if the number is divided when stored.

**<Dialling Example>**

If the number is divided and stored in system speed dial numbers 001 and 002:

```
AUTO DIAL 0 0 1
STORE
AUTO DIAL 0 0 2
STORE
```

Customising Your System

- System Speed Dialling Number Set
- System Speed Dialling Name Set
To a pre-set party by going off-hook (Pickup Dialling)

You can make an outside call simply by going off-hook if you pre-assigned.

To store a phone number

- Off-hook.
- Dial 742.
- Enter the desired party's number (max. 24 digits).
- Dial #.
- On-hook.

PT / SLT

C.Tone

Enter a line access number (9 or 81 to 88) as the first digit before an external party number.

To set / cancel

- Off-hook.
- Dial 74.
- Dial 1 to set or 0 to cancel.
- On-hook.

PT / SLT

C.Tone

To dial

- Off-hook.

PT / SLT

Customising Your Phone

- Customising the Buttons
  Create or re-arrange a Pickup Dialling button.

You can set or cancel this feature by simply pressing the Pickup Dialling button. If set, the button light turns red.

- To call another party, dial the desired party’s phone number before the pre-set line is connected.
  (Default: 1 second)
  - "*" can also be stored as a digit.
  - This feature is not available for an ISDN telephone user.
◆ Using a pre-assigned number (Quick Dialling)

You can make a call simply by pressing the number pre-assigned as quick dialling. Up to 80 parties can be stored in the system. Consult your manager or dealer for details and refer to the directory on page 6-16.

---

PT / SLT

Off-hook. Enter quick dial number (1-4 digits).

---

◆ To a Phantom extension

You can call extensions associated with a Phantom extension. The call arrives at all extensions who have the corresponding Phantom extension button.

---

◆ To call a phantom extension

PT

Press Phantom or enter phantom extension number.

---

◆ To transfer to a phantom extension

PT

During a conversation

Press Phantom or press TRANSFER and enter phantom extension number.
Making Calls

To answer

- Off-hook or press Phantom.

• The Phantom extension button light shows the current status as follows:
  - Off: Idle
  - Red on: You are calling a phantom extension.
  - Flashing green: Incoming call
• To set ringing or not, refer to “Customising Your Phone”.

Customising Your Phone
  - Customising the Buttons
  - Create or re-arrange a Phantom extension button.
Redial

This is convenient when calling the same external party again.
– Redialling the last number you dialled
– Saving the number and redialling

• Up to twenty-four digits can be programmed and redialled. The line access number is not counted as a digit.

Customising Your Phone
• Initial Settings
  – Full One-Touch Dialling Assignment
    Allow or cancel the one-touch operation while on-hook. (Default: Allow)

◆◆ Redialling the last number you dialled (Last Number Redial)

To redial automatically, go off-hook with the SP-PHONE button and the REDIAL button, or press the REDIAL button directly. It will keep trying the busy number until the called party answers within a specified time (Automatic Redial). You can perform other tasks during dialling. To cancel, press the FLASH/RCL button or perform another operation.
Saving the number and redialling (Saved Number Redial)

The saved number is retained until a new number is stored.

To save

During a conversation or while hearing a busy tone

Press STORE. Press SAVE.

To dial

Off-hook. Press SAVE.

Customising Your Phone

- Customising the Buttons
  Create or re-arrange a SAVE button.
When the Dialed Line is Busy or There is No Answer

- Reserving a busy line
- Sending a call waiting tone
- Leaving a message waiting indication

Reserving a busy line (Automatic Callback Busy)

You can set the telephone to receive call-back ringing when a dialed line becomes idle. When you answer the call-back ringing:
  - For an outside call: The line is seized.
  - For an intercom call: The called extension starts ringing automatically.

PT / SLT

While hearing a busy tone

Press “C.BCK” or dial 6.

To answer a call-back ringing and call

PT / SLT

- **Outside call**
  - Off-hook.
  - Enter phone number.

- **Intercom call**
  - Off-hook.

To cancel

PT / SLT

- Off-hook.
- Dial 46.
- On-hook.

- If you do not answer after four call-back rings, this feature will be cancelled.
- This feature is not available for an ISDN telephone user.
Sending a call waiting tone (Busy Station Signalling [BSS])

The party will know your call is waiting.

PT / SLT

While hearing a busy tone

Press “BSS” or dial 2.

- If “BSS” is not displayed or you hear a reorder tone, this feature is not set at the other party's phone.
- This feature is only available if the called extension has set the “Call Waiting” feature.
- Depending on the other party's telephone, the “Off-Hook Call Announcement (OHCA)” and the “Whisper OHCA” functions can be applied. You can talk to the other party through the speaker and the microphone (OHCA) or you only send a call announcement through the handset (Whisper OHCA), while they are having another conversation using the handset.
- This feature is not available for an ISDN telephone user.
Leaving a message waiting indication (Message Waiting)

The called extension receives a message waiting indication (MESSAGE button light turns on and / or indication tone* is emitted when going off-hook) to call you back.

To leave a message waiting indication

**PT / SLT**

When the called extension is busy or does not answer

- Press MESSAGE or dial 4.
- On-hook.

To leave / cancel a message waiting indication

**PT / SLT**

- Off-hook.
- Dial 70.
- Dial 1 to leave or 0 to cancel.
- Enter extension number.
- On-hook.

**T7431**

- Press MODE until "Feature Access" is displayed.
- Rotate Jog Dial until "MSG Off" is displayed.
- Press SELECT. "MSG On": Leave "MSG Off": Cancel.
- Enter extension number.
- On-hook.

**T7433**

- Press SHIFT until "FEAT" is displayed.
- Press "FEAT".
- Rotate Jog Dial until "MSG Off" or "MSG On" is at the arrow.
- Press "SEL". "MSG On": Leave "MSG Off": Cancel
- Enter extension number.
- On-hook.
Making Calls

◆ To leave / cancel a message waiting indication (contd.)

**T7436 / T7235**

![Diagram of operation steps]

1. **Press “Features”**.
2. Rotate Jog Dial or press “NEXT” until the following is displayed.
3. **Press “Features”**. Rotate Jog Dial or press “NEXT” until the following is displayed.
4. **Press “Message On” to leave or “Message Off” to cancel.**
5. Enter extension number.
6. C.Tone
7. On-hook.

◆ To check and select the party

**D – PT**

*While on-hook*

![Diagram of operation steps]

1. **Press MESSAGE**.
2. Press MESSAGE until the desired extension appears.

- The extension number and name are shown in the received order.
- Single line telephone users may hear a special ring tone as notification while on-hook, if required.
- This feature is not available for an ISDN telephone user.
- * Indication tone

◆ To call back

**PT / SLT**

![Diagram of operation steps]

1. **Off-hook.**
2. Press MESSAGE or dial 702.

- Press MESSAGE or dial 702.
To clear all message waiting indications

PT / SLT

- Off-hook.
- Dial 700.
- Enter your extension number.
- C.Tone
- On-hook.

Customising Your Phone

• Customising the Buttons

Create or re-arrange a MESSAGE button.
Making Calls

Calling without Restrictions

- Using an account code
- To an extension refusing the call
- Changing the dialling mode

Using an account code (Account Code Entry)

An Account Code gives information about outside calls for accounting and billing purposes. You may not be able to make an outside call without an account code entry. A mode is assigned to each user. Ask your manager for your mode.

PT / SLT

Off-hook.

Press "ACCNT", Account or dial 49.

Enter account code (max. 10 digits).

Press # or dial 99.

Press CO or enter line access number (9 or 81-88).

Enter phone number.

• A Panasonic proprietary telephone user can enter an account code during a conversation and when hearing a reorder tone after the other party hangs up.
• If you enter the wrong code, press the “*” key while entering the account code and then re-enter the code.
• To cancel the entry, press the Account button while entering the code.
• For your convenience, you can store the code with the phone number in memory (e.g. Speed dialling).
• If you hear a reorder tone, the entered account code is wrong. Enter the correct code.

Customising Your Phone

• Customising the Buttons
  Create or re-arrange an Account button.

!!

• You may give a specified account code to extension users and check their telephone usage. You can specify an account code to each client and check the call duration.
To an extension refusing the call (DND Override)

PT / SLT

While hearing the DND tone

Press “Over” or dial 2.

This feature is not available for an ISDN telephone user.

Changing the dialling mode (Pulse to Tone Conversion)

To access services such as computer telephone services, Voice Mail, etc., that require a tone, you can temporarily change the dialling mode from Pulse to Tone.

PT / SLT

After the line is connected

Dial *#. Enter desired number.
Making Calls

Alternating the Calling Method
(Alternate Calling — Ring / Voice)

The calling method, either ring or voice, is set by the called extension when an intercom call is received. However, you can change the method temporarily.

**Ring-calling** (Default):
You can call the other party with a ring tone.

**Voice-calling**:
You can talk to the other party immediately after a confirmation tone.

**For voice-calling**

![Voice-calling Diagram]

Press “Voice” or *.

**For ring-calling**

![Ring-calling Diagram]

Press “Tone” or *.

- If the called party uses a single line telephone, only Ring-Calling is available.
- You can switch the desired calling method only once during a call.

Customising Your Phone

- **Initial Settings**
  - **Intercom Alert Assignment**
    Which way do you prefer to receive an intercom call?
Receiving Calls

Answering Calls

Customising Your Phone

• Initial Settings
  – Preferred Line Assignment – Incoming
    Select the seized line when going off hook.
  – Intercom Alert Assignment
    Select the Calling method, either ring or the other party's voice.

• Customising the Buttons
  Re-arrange the CO button and change the ringing tone for each CO button.

PT / SLT

Off-hook. Talk.

Select one of the following methods:
  · Lift the handset to receive the preferred line. (Default: Ringing line is selected.)
  · Press the SP-PHONE button.
  · Press the flashing red CO or green INTERCOM button directly.

Hands-free operation
You can have a conversation in the hands-free mode with the SP-PHONE button. You can perform other tasks at the same time.

Helpful hints for the hands-free operation
  – Use your telephone in a quiet room for best performance.
  – If the other party has difficulty hearing you, decrease the volume.
  – If you and the other party talk at the same time, parts of your conversation will be lost. To avoid this, talk alternately.

If the Caller ID feature is available, you may confirm the caller's phone number and name before answering an outside call.
Pressing the SHIFT button displays the outside line number and name.

Example

The caller's information from your telephone company will only be sent to the pre-assigned extension.
Receiving Calls

Answering Hands-free
(Hands-free Answerback)

You can answer an intercom call without going off-hook as soon as the line is connected. You will hear the caller talking without the phone ringing.

◆ To set / cancel

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>While on-hook</td>
</tr>
<tr>
<td>AUTO ANSWER</td>
</tr>
<tr>
<td>MUTE</td>
</tr>
</tbody>
</table>

Press AUTO ANSWER.

- The AUTO ANSWER button light shows the current status as follows:
  - On: Set.
  - Off: Not set.
**Answering a Call Ringing at Another Telephone**  
*(Call Pickup)*

You can answer an incoming call that is ringing at another extension from your phone without leaving your desk.  
The following types are available:  
- **Outside (CO) Call Pickup**: Picks up an outside call.  
- **Group Call Pickup**: Picks up a call within your extension group.  
- **Directed Call Pickup**: Picks up a specified extension’s call.

---

**PT / SLT**

- Off-hook.  
- Dial 4 for an outside call or 40 for group.  
- Dial 41 for directed call.  
- **Enter extension number.**

**T7431**

- **Group Call Pickup only**  
  - Press **MODE** until “Feature Access” is displayed.  
  - Rotate Jog Dial until “C.Pickup GRP” is displayed.  
  - Press **SELECT**.  
  - Talk.

**T7433**

- **Group Call Pickup only**  
  - Press **SHIFT** until “FEAT” is displayed.  
  - Press **“FEAT”**.  
  - Rotate Jog Dial until “C.Pickup GRP” is at the arrow.  
  - Press “SEL”.  
  - Talk.
Receiving Calls

T7436 / T7235

- **Group Call Pickup only**

Press “Features”.

Rotate Jog Dial or press “NEXT” until the following is displayed.

Press “C.Pickup Group”.

C.Tone

Talk.

- **If you receive a call waiting tone**, you can ask a third party to pick up your second call with Directed Call Pickup.

- “Group Call Pickup” is not available for an ISDN telephone user.

!!!

- You can also deny other people the possibility of picking up your calls. Refer to “Setting the Telephone According to Your Needs”.

---

2-28 Operation
Answering a Call via an External Speaker
(Trunk Answer From Any Station [TAFAS])

You can answer an incoming outside call paged through an external speaker from any extension.

**PT / SLT**

While hearing a tone from external speaker

1. Off-hook.
2. Dial 42.
3. Enter speaker number (1-4).
4. C.Tone
5. Talk.

**T7431**

While hearing a tone from external speaker

1. Press MODE until "Feature Access" is displayed.
2. Rotate Jog Dial until "Page-E ANS" is displayed.
3. Press SELECT.
4. Enter speaker number (1-4).
5. C.Tone
6. On-hook.

**T7433**

While hearing a tone from external speaker

1. Press SHIFT until "FEAT" is displayed.
2. Press "FEAT". Rotate Jog Dial until "Page-E ANS" is at the arrow.
3. Press "SEL".
4. Enter speaker number (1-4).
5. C.Tone
6. Talk.

**T7436 / T7235**

While hearing a tone from external speaker

1. Press "Features".
2. Rotate Jog Dial or press "PREV" until the following is displayed.
3. Press "Page-Ext Answer".
4. Enter speaker number (1-4).
5. C.Tone
6. Talk.

!!

- You can also receive a paged announcement via a speaker with this operation.
During a Conversation

**Holding a Call**

- Holding
- Holding in a system parking zone
- Denying other people the possibility of retrieving your held calls

- If a call is not retrieved within a specified time, you will hear an alarm as a reminder.
- If a call is not retrieved within thirty minutes, it is automatically disconnected.

**Holding (regular)**

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>During a conversation</strong></td>
<td><strong>During a conversation</strong></td>
</tr>
<tr>
<td>Press HOLD.</td>
<td>Press Recall.</td>
</tr>
<tr>
<td>C.Tone</td>
<td>C.Tone</td>
</tr>
<tr>
<td>On-hook.</td>
<td>On-hook.</td>
</tr>
</tbody>
</table>

**To retrieve a call**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>At the holding extension</strong></td>
</tr>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>Press CO/INTERCOM or dial 50.</td>
</tr>
<tr>
<td>Talk.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For an outside call from another extension</strong></td>
</tr>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>Press CO or dial 53 and held line number (01-54).</td>
</tr>
<tr>
<td>Talk.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For an intercom call from another extension</strong></td>
</tr>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>Dial 51.</td>
</tr>
<tr>
<td>Enter holding extension number.</td>
</tr>
<tr>
<td>Talk.</td>
</tr>
</tbody>
</table>

2-30 Operation
Denying other people the possibility of retrieving your held calls (Exclusive Call Hold)

Only the held extension can retrieve the call.

**To retrieve a call**

- You can hold an intercom call and multiple outside calls.
During a Conversation

**Holding in a system parking zone (Call Park)**

You can park a call and perform other operations. The parked call can be retrieved by any extension. Up to ten calls can be parked.

**To park a call**

**PT**

During a conversation

- **Press** TRANSFER.
- **Dial** 52.
- **Enter** parking zone number (0-9).
- **On-hook.**

**SLT**

During a conversation

- **Press** Recall.
- **Dial** 52.
- **Enter** parking zone number (0-9).
- **On-hook.**

**T7431**

During a conversation

- **Press** TRANSFER.
- **Press** MODE until "Feature Access" is displayed.
- **Rotate** Jog Dial until "Call Park" is displayed.
- **Press** SELECT.
- **Enter** parking zone number (0-9).
- **On-hook.**
To park a call (contd.)

**T7433**

During a conversation

1. Press **TRANSFER**.
2. Press **SHIFT** until “FEAT” is displayed.
3. Press “FEAT”.
4. Rotate Jog Dial until “Call Park” is at the arrow.
5. Press “SEL”.
6. Enter parking zone number (0-9).
7. C.Tone
8. On-hook.

**T7436 / T7235**

During a conversation

1. Press “Features”.
2. Rotate Jog Dial or press “NEXT” until the following is displayed.
3. Press “Call Park”.
4. Enter parking zone number (0-9).
5. C.Tone
6. On-hook.
During a Conversation

◆ To retrieve

**PT / SLT**

- Off-hook.
- Dial 52.
- Enter stored parking zone number (0-9).
- C.Tone
- Talk.

**T7431**

- Press MODE until “Feature Access” is displayed.
- Rotate Jog Dial until “Call Park” is displayed.
- Press SELECT.
- Enter stored parking zone number (0-9).
- C.Tone
- Talk.

**T7433**

- Press SHIFT until “FEAT” is displayed.
- Press “FEAT”.
- Rotate Jog Dial until “Call Park” is at the arrow.
- Press “SEL”.
- Enter stored parking zone number (0-9).
- C.Tone
- Talk.

**T7436 / T7235**

- Press “Features”.
- Rotate Jog Dial or press “NEXT” until the following is displayed.
- Press “Call Park”.
- Enter stored parking zone number (0-9).
- C.Tone
- Talk.

• This function is not available for an ISDN telephone user.

• If you hear a busy tone when and entering the zone number to park a call, the zone is in use. Enter another number.

• If you hear a reorder tone when retrieving a parked call, there is no held call. Conf rm the stored parking zone number.
**Talking to Two Parties Alternately**  
*(Call Splitting)*

When talking to one party while the other party is on hold, you can swap the calls back and forth (alternately).

### PT

**During a conversation with a held call**

- **When either party is an outside party**
  - Repeat to alternate.
  - Press HOLD.
  - Press CO or INTERCOM.

- **When both parties are an extension party**
  - Press TRANSFER or HOLD.

### SLT

**During a conversation with a held call**

- Press Recall.
During a Conversation

Transferring a Call

- Transferring to an extension
- Transferring to an external party

Transferring to an extension

PT

During a conversation

Press TRANSFER.

Enter extension number or press DSS.

C.Tone

Talk.

On-hook.

The destination is confirmed before sending. This can be disregarded.

SLT

During a conversation

Press Recall.

Enter extension number.

C.Tone

Talk.

On-hook.

The destination is confirmed before sending. This can be disregarded.
Transferring to an external party

Some extensions may be restricted from performing this function.

**PT**

During a conversation

Press **TRANSFER**.  Enter **phone number**.  Talk.  On-hook.

- **If you misdial**, press the **FLASH/RCL (PT only)** button, and re-enter the number.
- **To return to the held call before the destination answers**, press the **TRANSFER** button, corresponding **CO**, **INTERCOM** button, or the **Recall** (SLT only).
- **To return to the conversation after completing the transfer to an external party**, press the corresponding **CO** button.
- **If you hear an alert tone**, the destination extension did not answer the call. Answer the call.
- **This feature is not available for an ISDN telephone user**.

**SLT**

During a conversation

Press **Recall**. Enter **line access number** (9 or 81-88). Enter **phone number**. Talk. On-hook.

- **If you transfer a call with the DSS or One-Touch Dialling with Auto Hold button**, you do not have to press the Transfer button (One-Touch Transfer).

Customising Your Phone

- **Customising the Buttons**
  Create or re-arrange a DSS and One-Touch Dialling with Auto Hold button.
During a Conversation

**Answering a Call Waiting**

During a conversation, a call waiting tone or voice announcement through the speaker or the handset occurs when an outside call is received or another extension is letting you know another call is waiting. To activate this feature, set to “On”. (Default: No tone) You can answer the second call by disconnecting the current call or placing it on hold.

**To talk to the new party**

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>While hearing a tone</strong></td>
<td><strong>While hearing a tone</strong></td>
</tr>
<tr>
<td>HOLD</td>
<td>(Recall)</td>
</tr>
<tr>
<td>Press HOLD.</td>
<td>Press Recall and dial 50.</td>
</tr>
<tr>
<td>Disregard this step if you terminate the current call.</td>
<td>On-hook. Off-hook.</td>
</tr>
</tbody>
</table>

**To talk to the new party**

- Depending on the other party’s telephone, the “Off-Hook Call Announcement (OHCA)” and the “Whisper OHCA” functions can be applied. You can talk to the other party through the speaker and the microphone (OHCA) or you only receive a call announcement through the handset (Whisper OHCA), while they are having another conversation using the handset.
- The calling extension’s name or number is displayed for five seconds in ten second intervals before answering a call.
- This feature is not available for an ISDN telephone user.

**Customising Your Phone**

- **Initial Setting**
  - **Call Waiting Tone Type Selection**
    Determine the tone depending on the second party, either an outside call or an extension.

**Default**

- **Special Tones**
  - **Outside**
  - **Extension**
Three-party Conversation

– Adding a third party during a conversation
– Leaving a conference

◆ Adding a third party during a conversation (Conference)

PT

Press CONF. ➔ Enter desired party’s number ➔ Press CONF. ➔ C.Tone ➔ Talk.

Press a CO button or enter a line access number (9 or 81-88) before an external phone number.

SLT

Press Recall. ➔ Enter desired party’s number ➔ Press Recall. ➔ Dial 3 ➔ C.Tone ➔ Talk.

Enter a line access number (9 or 81-88) before an external phone number.

◆ To talk to one party by disconnecting the other when one of these parties is an outside call

PT

Press CO or INTERCOM. ➔ C.Tone ➔ Talk.
During a Conversation

********* Leaving a conference
The other two parties can continue their conversation.

<table>
<thead>
<tr>
<th>PT / SLT</th>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>When you are talking with two extensions or one extension party and one external party</td>
<td>When you are talking with two external parties (Unattended Conference)</td>
</tr>
<tr>
<td>[Image of phone on hook]</td>
<td>[Image of conf button]</td>
</tr>
<tr>
<td>On-hook.</td>
<td>Press CONF.</td>
</tr>
</tbody>
</table>

********* To return

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>While the others are talking</td>
</tr>
<tr>
<td>[Image of co button]</td>
</tr>
<tr>
<td>Press CO.</td>
</tr>
</tbody>
</table>

- This feature is not available for an ISDN telephone user.

Customising Your Phone

- Customising the Buttons
Create or re-arrange a Conference button.
Saving a Number
(Notebook Function)

You can store a desired outside phone number in memory during a conversation or while on-hook. You can dial the stored number easily.

◆ To store

**PT**

_During a conversation or on-hook status_

- Press STORE.
- Press STORE again.
- Enter phone number. (max. 24 digits)
- Press SAVE.

◆ To dial

**PT**

- Off-hook.
- Press SAVE.

- You do not have to store a line access number before the phone number. An outside line is automatically accessed.
- "*" and "#" can also be stored as a digit.

Customising Your Phone

- Customising the Buttons
  - Create or re-arrange a Conference button.
During a Conversation

**Mute**

You can disable the microphone or the handset to consult privately with others in the room while listening to the other party on the phone through the speaker or the handset.

There are two types of mute as follows:

- **Handset Mute**: During a conversation using the handset. This function is available for the KX-T7400 series telephone users only.
- **Microphone Mute**: During a conversation using the microphone.

♦ **To set / cancel**

![PT](image)

Press MUTE.

- The AUTO ANSWER/MUTE button light shows the current status as follows:
  - **Flashing red**: Mute
  - **Off**: Normal
Letting Other People Listen to the Conversation
(Off-Hook Monitor) [KX-T7400 series telephone only]

You can let other people in the room listen to the conversation through the speaker while continuing the conversation using the handset.

◆ To set / cancel

- Press **SP-PHONE**.

- This feature is only available during a conversation using the handset.
- The SP-PHONE button light shows the current status as follows:
  - **On**: The voice is heard through the speaker.
  - **Off**: The voice is heard through the handset.
Before Leaving Your Desk

Forwarding Your Calls
(Call Forwarding)

You can have your incoming calls forwarded to a specific destination. Internal destination may be an extension or a receiving group.

**All Calls**: All calls are forwarded to another internal destination.

**Busy**: All calls are forwarded to another internal destination when your extension is busy.

**No Answer**: All calls are forwarded to another internal destination when you do not answer the call.

**Busy/No Answer (BSY / NA)**: All calls are forwarded to another internal destination when you do not answer or when your extension is busy.

**To Outside Line (CO Line)**: All calls are forwarded to an external party. Some extensions may be restricted.

**Follow Me (From)**: If you forget to set “All Calls” to be forwarded before you leave your desk, you can set the same functions from the destination extension.

**By ISDN Line**: All calls are forwarded to an external party by ISDN line in one of the following conditions.

- Unconditionally (Call Forwarding Unconditional [CFU])
- When you do not answer (Call Forwarding No Reply [CFNR])
- When your extension is busy (Call Forwarding Busy [CFB])

Some extensions may be restricted.

!!

- You can set your mailbox or mobile telephone as the forwarding destination.
◆ To set (except “Call Forwarding by ISDN Line”)

**PT / SLT**

Off-hook. Press FWD/DND or dial 710.

Enter required number.

Dial 6 to select “To Outside Line”.

Dial #.

C.Tone

On-hook.

Enter extension number.

Enter line access number (9 or 81-88).

Enter phone number.

**T7436 / T7235**

Off-hook. Press FWD/DND.

Enter extension number.

For “FWD-From” (Follow Me), dial your extension number.

Enter line access number (9 or 81-88).

Enter phone number.

Press desired button.

Dial #.

C.Tone

On-hook.

For “Follow Me”, dial your extension number.

Dial 6 to select “To Outside Line”.

Dial #.

C.Tone

On-hook.

For “FWD-From” (Follow Me), dial your extension number.

Enter line access number (9 or 81-88).

Enter phone number.

Press desired button.

Dial #.

C.Tone

On-hook.
Before Leaving Your Desk

◆ To cancel (except “Call Forwarding by ISDN Line”)

**PT / SLT**

![Diagram of PT / SLT](image)

**T7436 / T7235**

![Diagram of T7436 / T7235](image)

◆ To set “Call Forwarding by ISDN Line”

**PT / SLT**

![Diagram of PT / SLT](image)
◆ To cancel “Call Forwarding by ISDN Line”

**PT / SLT**

1. **Off-hook.** Press FWD/DND or dial 710.
2. **Enter your multiple subscriber number (MSN).**
3. **Dial #.**
4. **C.Tone**
5. **On-hook.**

**Operation**

- Each call can be forwarded up to four times. The fifth time will be disregarded.

- **Boss-Secretary function**
  The extension which has been set as the destination can call the forwarding extension. Also, any extension in the receiving group which has been set as the forwarded destination can call the forwarding extension.

  **Example**

- The FWD/DND button light flashes red when the Call Forwarding feature is set.
- This feature is not available for an ISDN telephone user.

**Customising Your Phone**

- **Customising the Buttons**
  Create or re-arrange a FWD/DND button.
Pre-assigned extension users can forward calls arriving at any receiving group or calls arriving just at your own receiving group. The destination can be another receiving group or a specific extension. Some extensions may be restricted.

**To set**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>Off-hook.</strong></td>
</tr>
<tr>
<td><strong>Dial 7141.</strong></td>
</tr>
<tr>
<td><strong>Enter forwarding group number.</strong></td>
</tr>
<tr>
<td><strong>Enter destination group or extension number.</strong></td>
</tr>
<tr>
<td><strong>C.Tone</strong></td>
</tr>
<tr>
<td><strong>On-hook.</strong></td>
</tr>
</tbody>
</table>

**To cancel**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>Off-hook.</strong></td>
</tr>
<tr>
<td><strong>Dial 7140.</strong></td>
</tr>
<tr>
<td><strong>Enter forwarding group number.</strong></td>
</tr>
<tr>
<td><strong>C.Tone</strong></td>
</tr>
<tr>
<td><strong>On-hook.</strong></td>
</tr>
</tbody>
</table>

- You can set or cancel this feature by simply pressing the Call Forwarding from Hunting Group button. If set, the button light turns red.
- Each call can be forwarded up to four times. The fifth time will be disregarded.

**Boss-Secretary function**

The destination extension can call the forwarding receiving group.  
**<Example>**

![Diagram](https://via.placeholder.com/150)

**Customising Your Phone**

- **Customising the Buttons** Create or re-arrange a Call Forwarding from Hunting Group button.
Showing an Absent Message on the Caller’s Telephone Display (Absent Message Capability)

You can show the reason for your absence, if the calling extension uses a Panasonic proprietary telephone with a display. This way the caller will know when you will be available. You can choose one of nine messages.

<table>
<thead>
<tr>
<th>Message no.</th>
<th>Default Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Will Return Soon</td>
</tr>
<tr>
<td>2</td>
<td>Gone Home</td>
</tr>
<tr>
<td>3</td>
<td>At Ext %%% (Extension number)</td>
</tr>
<tr>
<td>4</td>
<td>Back at %%%:% % (Hour:Minute)</td>
</tr>
<tr>
<td>5</td>
<td>Out until %%%/%% (Month/Day)</td>
</tr>
<tr>
<td>6</td>
<td>In a Meeting</td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

- Enter the desired value in the “%” space.
- You must make your message in all of the “%”s using 0 to 9, #, or *. 
- The message can be changed. Consult your dealer.

◆ To set

Off-hook.  Dial 750.  Enter required number.

PT / SLT

C.Tone

On-hook.
Before Leaving Your Desk

To set (contd.)

T7431

Press MODE until “Feature Access” is displayed. Rotate Jog Dial until “ABST MSG On” is displayed. Press SELECT.

Enter required number.

T7433

Press SHIFT until “FEAT” is displayed. Press “FEAT”. Rotate Jog Dial until “ABST MSG On” is displayed. Press “SEL”.

Enter required number.

T7436 / T7235

Press “Features”. Rotate Jog Dial or press “NEXT” until the following is displayed. Press “Absent MSG On”.

Enter required number.
To confirm the message, go off-hook. It will be displayed.
Preventing Other People from Using Your Telephone
(Electronic Station Lockout)

To lock / unlock

- Off-hook.
- Dial 77.
- Enter code (3 digits) twice or once.

- If you forget the code or cannot unlock your phone, consult an operator. They can unlock your extension (Remote Station Lock Control).
Leaving a Call Distribution Group
(Log-In / Log-Out)

You can set your status in a receiving group. Set Log-Out when you leave the office so that incoming calls will temporarily skip your extension in the receiving order. When you return, set Log-In so that calls will reach your extension. (Default: Log-In)

• The Log-In / Log-Out button alternates the setting between Log-In and Log-Out modes. The button light shows the current status as follows:
  - Off: Log-In mode
  - Red on: Log-Out mode
  - Flashing red: a call waiting

• This feature is not available for an ISDN telephone user.

Customising Your Phone
• Customising the Buttons
  Create or re-arrange a Log-In / Log-Out button.
## Making / Answering an Announcement

### Paging

You can make a voice announcement to several people at the same time. Your message is sent over the proprietary telephone speakers and/or external speakers. The paged person can answer your paging from any telephone. There are three types as shown below:

- **All**: Paging through both the telephone speakers and external speakers.
- **External**: Paging through the external speakers.
- **Group**: Paging to a particular extension group or all groups (all extensions) through the telephone speakers.

#### All

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
<td>Dial 62* or 63*.</td>
</tr>
<tr>
<td>Announce.</td>
<td>Talk.</td>
</tr>
</tbody>
</table>

#### External

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
<td>Dial 62.</td>
</tr>
<tr>
<td>Enter specific speaker number (1-4) or 0 for all.</td>
<td>Announce. Talk.</td>
</tr>
</tbody>
</table>

#### T7431

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press MODE until “Feature Access&quot; is displayed.</td>
<td>Rotate Jog Dial until “Page Extrn&quot; is displayed.</td>
</tr>
<tr>
<td>Press SELECT.</td>
<td>Enter specific speaker number (1-4) or 0 for all.</td>
</tr>
<tr>
<td>C.Tone</td>
<td>Announce. Talk.</td>
</tr>
</tbody>
</table>
**External (contd.)**

**T7433**

Press **SHIFT** until “FEAT” is displayed. Press “FEAT”. Rotate Jog Dial until “Page Extrn” is at the arrow. Press “SEL”.

- **speaker no.** Specific
- **0** All

Enter specific **speaker number** (1-4) or 0 for all.

**C.Tone**

Announce. Talk.

**T7436 / T7235**

Press “Features”. Rotate Jog Dial or press “PREV” until the following is displayed.

**C.Tone**

Press “Paging External”. Enter specific **speaker number** (1-4) or 0 for all.

**PT / SLT**

Off-hook. Dial **63**. Enter specific **group number** (01-16) or **00** for all.

**C.Tone**

Announce. Talk.
Making / Answering an Announcement

◆ Group (contd.)

T7431

Press MODE until “Feature Access” is displayed. Rotate Jog Dial until “Page GRP” is displayed. Press SELECT.

Enter specific group number (01-16) or 00 for all.

C.Tone

Announce. Talk.

T7433

Press SHIFT until “FEAT” is displayed. Press “FEAT”. Rotate Jog Dial until “Page GRP” is at the arrow. Press “SEL”.

Enter specific group number (01-16) or 00 for all.

C.Tone

Announce. Talk.

T7436 / T7235

Press “Features”. Rotate Jog Dial or press “PREV” until the following is displayed. Press “Paging Group”.

Enter specific group number (01-16) or 00 for all.

C.Tone

Announce. Talk.

- A ringing, busy, Do Not Disturb extension, or a single line telephone cannot receive a paged announcement.
- The proprietary telephone user can deny a paged announcement. For more details, refer to the page 2-65.
Paging a Person and Transferring a Call

Through a speaker and telephones

**PT**

*During a conversation*

- Press **TRANSFER**.
- Dial 62* or 63*.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.

**SLT**

*During a conversation*

- Press **Recall**.
- Dial 62* or 63*.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.

Through a speaker

**PT**

*During a conversation*

- Press **TRANSFER**.
- Dial 62.
- Enter specific **speaker number** (1-4) or 0 for all.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.
Making / Answering an Announcement

Through a speaker (contd.)

**SLT**

During a conversation

- Press Recall.
- Dial 62.
- Enter specific speaker number (1-4) or 0 for all.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.

Through the telephone of a particular extension group

**PT**

During a conversation

- Press TRANSFER.
- Dial 63.
- Enter specific group number (01-16) or 00 for all.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.

**SLT**

During a conversation

- Press Recall.
- Dial 63.
- Enter specific group number (01-16) or 00 for all.
- Announce.
- Wait for an answer.
- Talk.
- On-hook.
Answering a Paged Announcement

Through a speaker

**PT / SLT**

- Off-hook.
- Dial 42.
- Enter speaker number (1-4).
- C.Tone
- Talk.

**T7431**

- Press MODE until “Feature Access” is displayed.
- Rotate Jog Dial until “Page-E ANS” is displayed.
- Press SELECT.
- Enter speaker number (1-4).
- C.Tone
- Talk.

**T7433**

- Press SHIFT until “FEAT” is displayed.
- Press “FEAT”.
- Rotate Jog Dial until “Page-E ANS” is at the arrow.
- Press “SEL”.
- Enter speaker number (1-4).
- C.Tone
- Talk.

**T7436 / T7235**

- Press “Features”.
- Rotate Jog Dial or press “PREV” until the following is displayed.
- Press “Page-Ext Answer”.
- Enter speaker number (1-4).
- C.Tone
- Talk.
Making / Answering an Announcement

◆ Through the telephones

**PT / SLT**

![Diagram]

- Off-hook.
- Dial 43.
- C.Tone
- Talk.

**T7431**

![Diagram]

- Off-hook.
- Press MODE until "Feature Access" is displayed.
- Rotate Jog Dial until "Page-GRP ANS" is displayed.
- Press SELECT.
- C.Tone
- Talk.

**T7433**

![Diagram]

- Off-hook.
- Press SHIFT until "FEAT" is displayed.
- Press "FEAT".
- Rotate Jog Dial until "Page-GRP ANS" is at the arrow.
- Press "SEL".
- C.Tone
- Talk.

**T7436 / T7235**

![Diagram]

- Press "Features".
- Rotate Jog Dial or press "PREV" until the following is displayed.
- Press "Page-GRP Answer".
- C.Tone
- Talk.

- This feature is not available for an ISDN telephone user.
## Setting the Alarm
*(Timed Reminder)*

You can receive a ringback alarm at your telephone to remind you of a meeting, appointment or as a wake-up call. The setting can be for either one time or daily (every day until cancelled) at a pre-set time.

### To set

<table>
<thead>
<tr>
<th>PT / SLT</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
<td>7</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>Dial 761.</td>
<td>hour / minute</td>
<td>Enter hour (01-12) and minute (00-59).</td>
<td></td>
</tr>
<tr>
<td>Dial 0 for AM or 1 for PM.</td>
<td>0</td>
<td>AM</td>
<td></td>
</tr>
<tr>
<td>Dial 0 for one time or 1 for daily.</td>
<td>1</td>
<td>Daily</td>
<td></td>
</tr>
</tbody>
</table>

### To cancel

<table>
<thead>
<tr>
<th>PT / SLT</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
<td>7</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Dial 760.</td>
<td>C.Tone</td>
<td>On-hook.</td>
<td></td>
</tr>
</tbody>
</table>

### To view the setting

<table>
<thead>
<tr>
<th>D – PT</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
<td>7</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Dial 762.</td>
<td>On-hook.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Setting the Telephone According to Your Needs

◆ To stop or answer the ringback

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>any key</td>
</tr>
</tbody>
</table>

Press any key or off-hook and on-hook.

- The alarm tone keeps ringing for thirty seconds.
- If you receive an incoming call during ringback, ringing starts after the ringback stops.
- If you are having a conversation during the pre-set time, the ringback will start after your conversation.
- This feature is not available for an ISDN telephone user.
- If you go off-hook to answer, you can hear the alarm tone or the recorded message which the operator pre-assigned.

When the daily alarm is set, the display shows " *" in the corner.

Alarm 10:10AM *
Refusing Incoming Calls

(Do Not Disturb [DND])

– Refusing all calls
– Refusing direct outside calls

◆ Refusing all calls

You may set this feature during a meeting or when you are busy. Outside calls can be forwarded to a backup station (pre-assigned extension or the operator).

◆ To set

**PT / SLT**

1. Off-hook.
2. Press FWD/DND or dial 710.
3. Dial 1.
4. Enter extension number, dial 0 or dial * as you desire.

**T7436 / T7235**

1. Off-hook.
2. Press FWD/DND.
3. Press "DND".
4. Enter extension number, dial 0 or dial * as you desire.

◆ To cancel

**PT / SLT**

1. Off-hook.
2. Press FWD/DND or dial 710.
3. Dial 0.
4. On-hook.
Setting the Telephone According to Your Needs

◆ To cancel (contd.)

<table>
<thead>
<tr>
<th>T7436 / T7235</th>
</tr>
</thead>
</table>

◆ Refusing direct outside calls (DND for Direct Dialling In Calls)

You can set your extension to refuse direct outside calls and have them forwarded to the operator. The operator cannot set this feature.

◆ To set / cancel

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook. ➔ Dial 54. ➔ Dial 1 to set or 0 to cancel. ➔ C.Tone ➔ On-hook.</td>
</tr>
</tbody>
</table>

- A flashing CO button tells you an outside call is received. You can answer the call by pressing the CO button.
- The following button lights turn red when the DND feature is set.
  - Your FWD/DND button.
  - The DSS button on other extensions where your extension number has been assigned.
- The following features cannot be set at the same time.
  - Forwarding your calls (Call Forwarding)
  - Refusing all calls (Do Not Disturb [DND])
  - Refusing direct outside calls (DND for Direct Dialling In Calls)

The most recent feature set overrides the previous setting.
- You can set or cancel the DND for Direct Dialling In Call feature by simply pressing the DND for DDI button. If set, the button light turns red.
- These features are not available for an ISDN telephone user.

Customising Your Phone

- Customising the Buttons
  Create or re-arrange a FWD/DND button and DND for DDI button.
Receiving a Call Waiting

(Call Waiting / Off-Hook Call Announcement [OHCA] / Whisper OHCA)

During a conversation, you can be informed a call waiting with a tone or voice announcement through your speaker or handset. (Default: No tone)

- **Call waiting tone**: a waiting tone through the handset
- **OHCA**: a voice announcement through the speaker without pre-information
  
  (KX-T7436 and KX-T7235 telephone users only)
- **Whisper OHCA**: a voice announcement through the handset without pre-information
  
  (KX-T7400 series telephone users only)

◆ To set / cancel

<table>
<thead>
<tr>
<th>PT / SLT</th>
<th>Off-hook.</th>
<th>7 3 1</th>
<th>Dial 731.</th>
<th>Dial 0 to 3 as you desire.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- You can set or cancel the Call Waiting features by simply pressing the Call Waiting button. Pressing this button changes the features as follows:

- **Tone** → **OHCA** → **Whisper OHCA** → **No tone**

If the Call Waiting tone, OHCA or Whisper OHCA is selected, the button light turns red.

- This feature is not available for an ISDN telephone user.

Customising Your Phone

- **Customising the Buttons**
  
  Create or re-arrange a Call Waiting button.
Setting the Telephone According to Your Needs

**Denying the Paged Announcement**
*(Paging — DENY)*

You can refuse any paged announcement sent through your speaker.

![Diagram showing how to deny or allow a paged announcement](PT)

- You can deny or allow this feature by simply pressing the Paging Deny button. If denied, the button light turns red.

**Customising Your Phone**

- **Customising the Buttons**
  - Create or re-arrange a Paging Deny button.
Displaying Your Number on the Called Party and Calling Party’s Telephone

*(Calling / Connected Line Identification Presentation [CLIP / COLP]*)

**CLIP**: When making an outside call, you can let the other party see your pre-assigned identification number.

**COLP**: When receiving an outside call, you can let the party calling you see your pre-assigned identification number.

You can select to show an identification number assigned for an outside line or your extension. You can also show a desired identification number when making a particular call.

◆ **To show an identification number assigned for an outside line or your extension**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
</tr>
<tr>
<td>Off-hook.</td>
</tr>
</tbody>
</table>

◆ **To show a desired identification number when making a particular call (CLIP only)**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2" alt="Diagram" /></td>
</tr>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>C.Tone</td>
</tr>
</tbody>
</table>

• The system is in accordance with ETS specifications below.
  - ETS 300 092 Calling Line Identification Presentation (CLIP) supplementary service
  - ETS 300 093 Calling Line Identification Restriction (CLIR) supplementary service
  - ETS 300 097 Connected Line Identification Presentation (COLP) supplementary service
  - ETS 300 098 Connected Line Identification Restriction (COLR) supplementary service
  - ETS: European Telecommunication Standard

• Availability of this feature depends on the ISDN service of your telephone company.
• The entered identification number must match the conditions of your telephone company. Otherwise it might be ignored or replaced by another value.
Setting the Telephone According to Your Needs

Preventing Your Number Being Displayed on the Called Party’s Telephone
(Calling Line Identification Restriction [CLIR])

When making a call, you can prevent the other party from seeing your identification number. You can change the setting at any time for a particular call.

◆ To set / cancel

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>Dial 2 to set or 0 to cancel.</td>
</tr>
</tbody>
</table>

◆ To change the setting at any time for a particular call

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-hook.</td>
</tr>
<tr>
<td>Press CO or enter line access number (9 or 81-88).</td>
</tr>
</tbody>
</table>

* You can set or cancel this feature by simply pressing the CLIR button. If set, the button light turns red.

Customising Your Phone
• Customising the Buttons
  Create or re-arrange a Calling Line Identification Restriction (CLIR) button.

!!
• Availability of this feature depends on the ISDN service of your telephone company.
Preventing Your Number Being Displayed on the Calling Party’s Telephone
(Connected Line Identification Restriction [COLR])

When receiving a call, you can prevent the party calling you from seeing your identification number.

◆ To set / cancel

![Diagram](PT_SLT_08_1-0.png)

- You can set or cancel this feature by simply pressing the COLR button. If set, the button light turns red.

Customising Your Phone
- Customising the Buttons
  Create or re-arrange a Connected Line Identification Restriction (COLR) button.

Denying Other People the Possibility of Picking up Your Calls (Call Pickup Deny)

![Diagram](PT_SLT_08_2-0.png)

- You can deny or allow or cancel this feature by simply pressing the Call Pickup Deny button. If it is denied, the button light turns red.

Customising Your Phone
- Customising the Buttons
  Create or re-arrange a Call Pickup Deny button.
Setting the Telephone According to Your Needs

## Turning on the Background Music

You can listen to background music through your telephone speaker while on-hook. An external music source, such as a radio, must be connected.

*To set / cancel*

### PT

- **While on-hook**
  - BGM
  - GR
  - HOLD

Press “BGM” or HOLD.

## Checking the Day / Night Service Status

You can manage your system under different conditions for either day time (business hours) or night time (after business hours).

### D – PT

- **While on-hook**
  - #
  - (Night)

Dial # or press Night.

- Any extension user can check the status.
- The Night button light shows the current status as follows:
  - Off: Day mode
  - Red: Night mode

### Customising Your Phone

- **Customising the Buttons**
  - Create or re-arrange a Night button.
Setting the Parallel Connected Telephone Ringer
(Parallelled Telephone)

A proprietary telephone user can choose whether the single line telephone connected in parallel will ring or not, when an incoming call is received. (Default: No ring)

**PT / SLT**

Off-hook. → 6 9 → Ring
Dial 69. → No ring
Dial 1 to ring or 0 to no ring.
C.Tone → On-hook.

**T7431**

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "Parallel" is displayed.

Press SELECT.

Dial 1 to ring or 0 to no ring.

**T7433**

Press SHIFT until "FEAT" is displayed.

Press "FEAT".

Rotate Jog Dial until "Parallel" is at the arrow.

Press "SEL".

Dial 1 to ring or 0 to no ring.

C.Tone → On-hook.
Setting the Telephone According to Your Needs

T7436 / T7235

- You can select “Ring” or “No ring” by simply pressing the Parallelled Telephone Connection button. If “Ring” is selected, the button light turns red.
- Even if “No ring” is selected, the call can be answered with the single line telephone by lifting the handset.
- If you go off-hook while your parallelled telephone is in use, the call will switch over to your telephone, and vice versa.
- This feature is not available for an ISDN telephone user.

Customising Your Phone

- Customising the Buttons
  Create or re-arrange a Parallelled Telephone Connection button.
Clearing the Feature Settings at Your Extension
(Station Program Clear)

You can clear the following features which have been set on your phone. If you change desks, and notice settings which a previous owner left on the line, you can clear these features.

• Calling to a Pre-set Party by Going Off-Hook (Pickup Dialling): The stored number will be cleared.
• Reserving a Busy Line (Automatic Callback Busy)
• Leaving a Message Waiting Indication (Message Waiting): All messages will be removed.
• Forwarding Your Calls (Call Forwarding)
• Showing an Absent Message on the Caller’s Telephone Display (Absent Message Capability)
• Leaving a Call Distribution Group (Log-In/Log-out)
• Calling Using the Call Log (Incoming Call Log)
• Setting the Alarm (Timed Reminder)
• Refusing Incoming Calls (Do Not Disturb [DND])
• Receiving a Call Waiting (Call Waiting / Off-Hook Call Announcement [OHCA] / Whisper OHCA)
• Denying the Paged Announcement (Paging — Deny)
• Denying Other People the Possibility of Picking up Your Calls (Call Pickup Deny)
• Turning on the Background Music
• Setting the Parallel Connected Telephone Ringer (Parallelled Telephone): The single line telephone will not ring.
• Preventing Your Number Being Displayed on the Called Party’s Telephone (CLIR)
• Preventing Your Number Being Displayed on the Calling Party’s Telephone (COLR)

[PT / SLT]

If a Doorphone / Door Opener is Connected

- Doorphone call
- Opening the door
- Forwarding doorphone call to outside parties

Doorphone call

To call from the doorphone

Doorphone

Press doorphone button.

To call the doorphone

PT / SLT

Off-hook. Dial 61. Enter doorphone number (1-4). C.Tone Talk.
**Forwarding doorphone calls to outside parties**
*(Doorphone Call Forwarding to Outside Line)*

You can have incoming doorphone calls forwarded to outside parties using ISDN lines. You can choose a different destination for Day mode and Night mode. Some extensions may be restricted.

**To set / cancel (at the extension receiving doorphone calls)**

1. Off-hook.
2. Dial 716.
3. Enter specific doorphone number (1-4) or dial * for all.
4. Dial 1 to set or 0 to cancel.
5. On-hook.

**To store a phone number**

1. Off-hook.
2. Dial 715.
3. Enter line access number (9 or 81-88).
4. (Max. 24 digits)
5. Enter phone number.
6. Dial #.
7. C. Tone
8. On-hook.

**To clear the phone number**

1. Off-hook.
2. Dial 715.
3. Dial #.
4. C. Tone
5. On-hook.
Using User-supplied Equipment

- You can set or cancel this feature by simply pressing the Doorphone Call Forwarding to Outside Line button. If set, the button light turns red.
- **Time limit**
  A call between a party at a doorphone and an outside party is restricted by the system timer (Default: 0 sec.). The call is disconnected when the time runs out.

**Customising Your Phone**
- **Customising the Buttons**
  Create or re-arrange a Doorphone Call Forwarding to Outside Line button.

**Opening the door**
Some extensions may be restricted from performing this function.

**From a specified extension**

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
</tbody>
</table>

- **From any extension while talking to the doorphone**

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
<tr>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
<td><img src="https://via.placeholder.com/150" alt="Diagram" /></td>
</tr>
</tbody>
</table>

- The door will be left open for five seconds.
- **To keep the door open for another five seconds**, dial 5 again using a Panasonic proprietary telephone.
- **If no one answers the doorphone call within 30 seconds**, the call is cancelled.
If a Host PBX is Connected

Accessing external services (External Feature Access)

You can access special features (e.g. Call Waiting) offered by a host PBX or Central Office. This feature is only effective with an outside call.

Press FLASH/RCL or TRANSFER and dial 64.

Enter desired number.

PT

SLT

Enter desired number.

Press Recall.

Dial 64.

Press Recall.

Dial 64.

Enter desired number.
If a Voice Processing System is Connected

- Voice mail integration

If your system is connected to a Panasonic Voice Processing System (e.g. KX-TVP100) which can be used with a digital proprietary telephone, the following functions are available:
- Screening calls
- Recording a conversation

Voice mail integration

If you cannot answer calls, you can forward them to your mailbox. If your telephone has a MESSAGE button, the button light turns on and lets you know you have messages. Even if a MESSAGE button is not provided, you will hear an indication tone * when going off-hook.
You can also transfer received outside calls to a certain mailbox so that callers can leave messages.
If you create a Voice Mail Transfer button on your phone, the transfer is done easily without confirming the voice mail extension number (Voice Mail Transfer).

To forward your calls to a mailbox

<table>
<thead>
<tr>
<th>PT / SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T7436 / T7235</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>
Transferring calls

PT

Press VM Transfer. Enter extension number or press DSS.

To listen to a stored message

PT / SLT

Off-hook. Press MESSAGE or voice mail extension number.

*Indication tone

Customising Your Phone

• Customising the Buttons
  Create or re-arrange a MESSAGE button and Voice Mail (VM) Transfer button.
Screening calls (Live Call Screening [LCS])

While a caller is leaving a message in your mailbox, you can monitor the call. If desired, you can answer the call while monitoring. There are two methods available (Default: Hands-free mode). In both modes, if you are currently having a conversation, you will hear a call waiting tone.

**Hands-free mode**: You can monitor the message automatically through the telephone speaker at the same time.

**Private mode**: You will hear an alert tone while the caller is leaving a message.

**Before operating**
- Create a Live Call Screening (LCS) button (Personal Programming).
- Select the mode, either Hands-free or Private (Personal Programming).
- Set the Password.
- Set the Live Call Screening feature.

**To set / cancel the password**

1. Off-hook.
2. Dial 799.
3. Enter password (3 digits) twice or once.

**To set Live Call Screening**

1. Press Live Call Screening.
2. Enter password.

**To cancel Live Call Screening**

1. Press Live Call Screening.
**Operation Flowchart**

The operations in the shaded areas can be hands-free operations.

---

**Hands-free Mode**

During a conversation

(Call Waiting Tone)

**Private Mode**

During a conversation

(Alert Tone)

---

**Monitoring**

No operation

**Stop monitoring**

**Answering**

---

**Monitoring**

**Stopping the alert tone**

---

- To hold the current call, press the HOLD button.

---

- The Live Call Screening (LCS) button light shows the feature status as follows:
  - **Red on**: LCS is on.
  - **Off**: LCS is off.
  - **Flashing green rapidly**: Alert ringing in the Private mode
  - **Flashing green slowly**: Live Call Screening is in use.
  - The DSS button light is red while Live Call Screening is in use.

- The operator can clear a password at any extension.

---

**Customising Your Phone**

- **Initial Settings**
  - **Live Call Screening Mode Set**
    - Select the mode, either monitoring the message automatically or receiving alert ringing, when the caller leaves a message.

- **Customising the Buttons**
  - Create or re-arrange a Live Call Screening button and Live Call Screening Cancel button.
**Using User-supplied Equipment**

**Recording a conversation (Two-Way Recording)**
You can record a conversation into a mailbox while talking on the phone.

**To record into your mailbox**

- Press **Two-Way Record**.

**During a conversation**

- To stop recording, press this button again.

- Press **Two-Way Record**.

**To record into another mailbox**

- Press **Two-Way Transfer**.

**During a conversation**

- Enter extension number or press **DSS**.

- To stop recording, press this button again.

- The Two-Way Record button light shows the current status as follows:
  - **On**: Recording the conversation.
  - **Off**: Not recording.

**Customising Your Phone**
- **Customising the Buttons**
  - Create or re-arrange a Two-Way Record button and Two-Way Transfer button.

**!!**
- When you record Two-Way telephone conversations, you should inform the other party that the conversation is being recorded.
Calling Using the Call Log
(Incoming Call Log) [KX-T7433, KX-T7436, KX-T7230, KX-T7235 only]

If you do not answer an outside call, the caller's information is recorded automatically in the call log. When the SHIFT button light turns on, there is a call in the call log. You can also store a call log during a conversation. (See “Recording a Call Log”.) Up to 15 calls can be logged per extension. You can select how the 16th call is treated; either a new call can be disregarded or a new call overwrites the oldest call. (Default: Overwrite)

You can modify and call back the logged numbers.

To confirm

D – PT

While on-hook

OLD

NEW

Press “OLD” or “NEW”.

<Information sample>

CO02: Panasonic
012345678
Nina Thomas
22 09:00 AM
Seq 01 2 Calls

MENU CLR NEXT

• With the KX-T7433 and the KX-T7230, press the INFO button to scroll through information.

To clear the log

D – PT

Press “CLR”.

!!

• To modify the phone no, press the “#” key to erase and then enter the number. The number is modified from the first digit. The number is programmed.
• To return to the initial display, press MENU button or go off-hook and on-hook.
To call back

D – PT
When the desired number is displayed

Off-hook. Press “CALL”.

How to treat the 16th call

D – PT

Off-hook. Dial 56. Dial 1 to overwrite or 0 to disregard. C.Tone

On-hook.
Recording a Call Log  
[KX-T7433, KX-T7436, KX-T7230, KX-T7235 only]

You can record the caller’s information in the call log to call them back. If you do not answer the call, the log is recorded automatically. You can see the call duration during the conversation.

◆ To record a call log

D – PT

During a conversation

Press “LOG”.

◆ To view the call duration*

D – PT

<Display example>

CO02 12:00'30
Extension STA Speed
Features SYS Speed
Call Log LOG

* A KX-T7433 and a KX-T7230 users may change the displayed message as follows by pressing the CO button.

CALLER PHONE NO. ➔ CALLER NAME ➔ CALL DURATION / SEQUENCE NO.
Denying Other People the Possibility of Seeing Your Call Log (Incoming Call Log Lock) [KX-T7433, KX-T7436, KX-T7230, KX-T7235 only]

To lock / unlock

1. Off-hook.
2. Dial 57.
3. Enter code (3 digits) twice or once.

- If you forget the code, consult your operator. They can unlock the call log display of any extension (Incoming Call Log Lock Control).
Using the Display Proprietary Telephone

Using the KX-T7431, KX-T7433, KX-T7436 or KX-T7235

- Using the KX-T7431
- Using the KX-T7433
- Using the KX-T7436
- Using the KX-T7235
- Storing the names and numbers for station speed dialling
- Display feature list

Using the KX-T7431

A KX-T7431 Panasonic proprietary telephone with a 1-line display allows you to make calls and operate the features using the display message. You do not have to memorise the phone numbers or feature numbers.

Operation

1. Press the MODE button repeatedly to show the desired display.
2. Rotate the Jog Dial until the desired message is shown.
   (See page 2-92 for the feature messages.)
3. Press the SELECT button or go off-hook to call the displayed party or to select the desired feature.
4. Enter parameters if required.

![Diagram showing the sequence of displays and operations](image.png)

- Initial Display:
  - 1 Jan 10:10
- Second Display:
  - System Speed
- Third Display:
  - Station Speed
- Fourth Display:
  - Extension
- Fifth Display:
  - Feature Access
- Sixth Display:
  - Ringer: 3
- Seventh Display:
  - Contrast: 3

Calling using names stored in the system (System Speed Dialling)
Calling using names and numbers stored at your extension (Station Speed Dialling)*
Calling an intercom call using the directory (Extension Dialling)
Operating the various features (System Feature Access)

→ Tom Jones

→ ABST MSG On 1-9

If a parameter is required, the feature name and parameter will flash.

* The names and phone numbers should be stored beforehand. See page 2-91.


**Using the KX-T7433**

A KX-T7433 Panasonic proprietary telephone with a 3-line display allows you to make calls and operate the features using the display message. You do not have to memorise the phone numbers or feature numbers.

**Operation**

1. Press the SHIFT button repeatedly to show the third display.
2. Press the desired button, if required.
3. Rotate the Jog Dial until the desired message is at the arrow.
   (See page 2-92 for the feature messages.)
4. Press the CALL button or go off-hook to call the party or the SEL button to select the desired feature.
5. Enter parameters if required.

---

*The names and phone numbers should be stored beforehand. See page 2-91.*
Using the KX-T7436

A KX-T7436 Panasonic proprietary telephone with a 6-line display allows you to make calls and operate the features using the display message. You do not have to memorise the phone numbers or feature numbers.

Operation using the function buttons
1. Press the desired function button on the initial display.
2. Rotate the Jog Dial until the desired message is at the arrow. (See page 2-92 for the feature messages.)
3. Press the CALL button, the function button or go off-hook to call the party.
   Or press the SEL button to select the desired feature at the arrow or press the function button next to the desired feature.
4. Enter parameters if required.

Calling an intercom call using the directory (Extension Dialling)

<Example>
To select Beth

Operation the various features (System Feature Access)

Calling using names and numbers stored at your extension (Station Speed Dialling)

<Example>
To select Panasonic

Calling using names and numbers stored in the system (System Speed Dialling)

<Example>
To select 111

Calling using one of the last five outside call numbers (Outgoing Call Log)

Redialling using one of the last five outside call numbers

Calling using names and numbers stored at your extension (Station Speed Dialling)*

Calling using names and numbers stored in the system (System Speed Dialling)

Operating the various features (System Feature Access)

Calling using the KX-T7436

If a parameter is required, the parameter will flash.

*The names and phone numbers should be stored beforehand. See page 2-91.
Operation using the soft buttons
1  Press the SHIFT button repeatedly to show the third display.
2  Press the desired button, if required.
3  Rotate the Jog Dial until the desired message is at the arrow.
   (See page 2-92 for the feature messages.)
4  Press the CALL button or go off-hook to call the party or the SEL button to select the desired feature.
5  Enter parameters if required.

* The names and phone numbers should be stored beforehand. See page 2-91.
Using the Display Proprietary Telephone

Using the KX-T7235

A KX-T7235 Panasonic proprietary telephone with a 6-line display allows you to make calls and operate the features using the display message. You do not have to memorise the phone numbers or feature numbers.

**Operation**

1. Press the desired function button on the initial display.
2. Press the desired function button or NEXT button until the desired message is displayed. (See page 2-92 for the feature messages.)
3. Press the function button next to the desired party or the feature.
4. Enter parameters if required.

---

**Initial Display**

1 Jan 15:00
- Extension STA Speed
- Features SYS Speed
- Call Log

**Calling an intercom call using the directory (Extension Dialling)**

- Ronald
- Zaydel
- Adam
- Alice
- Ann Parker

**Calling using names stored in the system (System Speed Dialling)**

- Ann Parker
- Beth
- Bob Jones
- Carol
- Chris

**Calling using names and numbers stored at your extension (Station Speed Dialling)**

- Ronald
- Zaydel
- Adam
- Alice
- Ann Parker

**Redialling using one of the last five outside call numbers (Outgoing Call Log)**

- 1234567890
- 0987654321
- 0011122333
- 1002030405500

**Operating the various features (System Feature Access)**

- Absent MSG Off
- Absent MSG On (1-9)
- C.Pickup Group
- Call Park (0-9)
- COS Primary (ext)

**If a parameter is required, the parameter will flash.**

- **parameter**

---

*The names and phone numbers should be stored beforehand. See page 2-91.*
Using the KX-T7235

A KX-T7235 Panasonic proprietary telephone with a 6-line display allows you to make calls and operate the features using the display message. You do not have to memorise the phone numbers or feature numbers.

Operation
1. Press the desired function button on the initial display.
2. Press the desired function button or NEXT button until the desired message is displayed.
3. Press the function button next to the desired party or the feature.
4. Enter parameters if required.

Calling an intercom call using the directory (Extension Dialling)

<Example>
To select Beth

Bob
Ann Parker
Carla
Ann Parker
Ched Ely
Beth

<Initial Display>
1 Jan 10:00AM
Extension STA Speed
Features SYS Speed
Call Log
CONT RING BGM

Redialling using one of the last five outside call numbers (Outgoing Call Log)

<Example>
To select 111

1234567890
0907654321
0001122333
100200300400500

Calling using names and numbers stored at your extension (Station Speed Dialling)*

<Example>
To select Panasonic

Ann Parker
Bob
Carol
Chris

Calling using names stored in the system (System Speed Dialling)

<Example>
To select Beth

Adam
Bob
Alice
Ann Parker
Ann Parker
Ben Johns
Ched Ely
Ann Parker

Operating the various features (System Feature Access)

Absent MSG Off
Absent MSG On (1-9)
C, Pickup Group
Call Park (0-9)
COS Primary (ext)
MENU NEXT

COS Secondary (ext)
Extn BGM On/Off
Message Off (ext)
Night On/Off (1/C)
MENU NEXT

Calling using names stored in the system (System Speed Dialling)

<Example>
To select Beth

Adam
Bob
Alice
Ann Parker
Ann Parker
Ben Johns
Ched Ely
Ann Parker

*The names and phone numbers should be stored beforehand. See page 2-91.
**Display feature list**

You can access the following features. These displays can be shown by rotating the Jog Dial or pressing the NEXT or PREV button after selecting "Features". For their operation, see the respective operating instructions in the list below.

<table>
<thead>
<tr>
<th>Display (KX-T7436/KX-T7235)</th>
<th>Display (KX-T7431/KX-T7433)</th>
<th>Feature Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absent MSG Off</td>
<td>ABST MSG Off</td>
<td>Cancel the absent message. Refer to 2-50.</td>
</tr>
<tr>
<td>Absent MSG On (1-9)</td>
<td>ABST MSG On 1-9</td>
<td>Set an absent message. Refer to 2-48 and 2-49.</td>
</tr>
<tr>
<td>C.Pickup Group</td>
<td>C.Pickup GRP</td>
<td>Pick up a call within your extension group. Refer to 2-26 and 2-27.</td>
</tr>
<tr>
<td>Call Park (0-9)</td>
<td>Call Park 0-9</td>
<td>Place a call on hold in a system parking area. Refer to 2-31 and 2-32.</td>
</tr>
<tr>
<td>COS Primary (ext)</td>
<td>COS Primary ext</td>
<td>Select the primary Class of Service (COS) mode for an extension*. Refer to 3-2.</td>
</tr>
<tr>
<td>COS Secondary (ext)</td>
<td>COS Second ext</td>
<td>Select the secondary Class of Service (COS) mode for an extension*. Refer to 3-2.</td>
</tr>
<tr>
<td>Extrn BGM On/Off</td>
<td>Ext-BGM On/Off</td>
<td>Turn on/off the background music*. Refer to 3-7.</td>
</tr>
<tr>
<td>Message Off (ext)</td>
<td>MSG Off ext</td>
<td>Cancel a notification. Refer to 2-18 and 2-19.</td>
</tr>
<tr>
<td>Message On (ext)</td>
<td>MSG On ext</td>
<td>Leave a notification so that the called party may call you back. Refer to 2-18 and 2-19.</td>
</tr>
<tr>
<td>Night On/Off (1/0)</td>
<td>Night Mode 1/0</td>
<td>Change the night service mode, night (On) or day (Off)*. (Pre-assigned extension can also change the mode.) Refer to 3-5 and 3-6.</td>
</tr>
<tr>
<td>Page-Ext Answer (1-4)</td>
<td>Page-E ANS 1-4</td>
<td>Answer the paged announcement through a speaker. Refer to 2-28 and 2-58.</td>
</tr>
<tr>
<td>Page-GRP Answer</td>
<td>Page-GRP ANS</td>
<td>Answer the paged announcement through a telephone in the same extension group. Refer to 2-59.</td>
</tr>
<tr>
<td>Paging External (0-4)</td>
<td>Page Extern 0-4</td>
<td>Page through the speaker. Refer to 2-53 and 2-54.</td>
</tr>
<tr>
<td>Paging Group (00-16)</td>
<td>Page GRP 00-16</td>
<td>Page to all or a particular extension group. Refer to 2-54 and 2-55.</td>
</tr>
<tr>
<td>Parallel On/Off (1/0)</td>
<td>Parallel 1/0</td>
<td>Set whether a single line telephone connected in parallel will ring (On) or not (Off) when receiving a call. Refer to 2-70.</td>
</tr>
</tbody>
</table>
Call Forwarding/Do Not Disturb feature:
You can also access the Call Forwarding and Do Not Disturb features. Go off-hook and press the FWD/DND button. You will see the following displays. For their operation, see the respective operating instructions. The KX-T7436 and the KX-T7235 users only use this display operation.

<table>
<thead>
<tr>
<th>FWD/DND Cancel</th>
</tr>
</thead>
<tbody>
<tr>
<td>DND (0/*/ext)</td>
</tr>
<tr>
<td>FWD-All Calls (ext)</td>
</tr>
<tr>
<td>FWD-Busy (ext)</td>
</tr>
<tr>
<td>FWD-No Answer (ext)</td>
</tr>
</tbody>
</table>

* The message is useful for the operators only.
Call Forwarding/Do Not Disturb feature:
You can also access the Call Forwarding and Do Not Disturb features. Go off-hook and press the FWD/DND button. You will see the following displays. For their operation, see the respective operating instructions. The KX-T7436 and the KX-T7235 users only use this display operation.

<table>
<thead>
<tr>
<th>FWD/DND Cancel</th>
<th>FWD-BSY/NA (ext)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DND (0/*/ext)</td>
<td>FWD-CO Line (dia)</td>
</tr>
<tr>
<td>FWD-All Calls (ext)</td>
<td>FWD-From (ext)</td>
</tr>
<tr>
<td>FWD-Busy (ext)</td>
<td>FWD-From Cancel (ext)</td>
</tr>
<tr>
<td>FWD-No Answer (ext)</td>
<td></td>
</tr>
</tbody>
</table>

* The message is useful for the operators only.
This chapter shows the operators how to control the extensions or the system.
Your system supports up to two operators.
Assigning Level of Service

You can assign either primary or secondary level of service for each extension.

**PT / SLT**

- Off-hook.
- Dial 79.
- Dial 1 for primary or 3 for secondary.
- Enter extension number.
- On-hook.

**T7431**

- Press MODE until "Feature Access" is displayed.
- Rotate Jog Dial until "COS Primary" or "COS Second" is displayed.
- Press SELECT.
- Enter extension number.
- On-hook.

**T7433**

- Press SHIFT until "FEAT" is displayed.
- Press "FEAT".
- Rotate Jog Dial until "COS Primary" or "COS Second" is at the arrow.
- Press "SEL".
- Enter extension number.
- On-hook.

**T7436 / T7235**

- Press "Features".
- Rotate Jog Dial or press "NEXT" until the following is displayed.
- Press "COS Primary" or "COS Secondary".
- Enter extension number.
- On-hook.
Changing the Settings

Operator Operation

To enter the program mode

Press PROGRAM or PAUSE.  Dial 99.

To programme

Enter programming input.

To exit

Press PROGRAM or PAUSE.

Table: Programming Input

<table>
<thead>
<tr>
<th>Item</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unlocking or locking any extension (Remote Station Lock Control)</td>
<td>0 1 extension no.</td>
</tr>
<tr>
<td></td>
<td>X= 1: Unlock</td>
</tr>
<tr>
<td></td>
<td>2: Lock</td>
</tr>
<tr>
<td>Unlocking the call log (Incoming Call Log Lock Control)</td>
<td>0 2 extension no.</td>
</tr>
<tr>
<td>Clearing the Live Call Screening Password (Live Call Screening Password Control)</td>
<td>0 3 extension no.</td>
</tr>
</tbody>
</table>

*To assign all extensions, press the “*” key.*
System Control

Forwarding a Waiting Call
(Automatic Overflow / Hurry-up Transfer)

When you (operator 1) are busy and an outside call comes to you directly, that call is put in a waiting queue. When the number of calls in the queue exceeds the assigned limit, calls will automatically be forwarded to operator 2. You can check the condition of the queue with the Hurry-Up button light, and forward the first call in the queue to a pre-assigned extension.

◆ To forward

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Hurry-up)</td>
</tr>
</tbody>
</table>

Press Hurry-up.

• The Hurry-Up button light shows the current status as follows:
  - Off: No waiting call
  - Red: At least one call is waiting.
  - Flashing red: Number of calls exceeds assigned limit.

Customising Your Phone

• Customising Your Phone
  - Create or re-arrange a Hurry-Up button.
**Day / Night Service**

You can change the Day/Night mode at any time.

### PT / SLT

- **Off-hook.**
- **Dial 78.**
- **Dial 1 for day to night or 0 for night to day.**

### T7431

- **Press MODE** until "Feature Access" is displayed.
- **Rotate Jog Dial** until "Night Mode" is displayed.
- **Press SELECT.**

### T7433

- **Press SHIFT** until "FEAT" is displayed.
- **Press "FEAT".**
- **Rotate Jog Dial** until "Night Mode" is at the arrow.
- **Press "SEL".**

The Night button alternates the setting between Day and Night modes.

- To confirm the current mode, press the "#" key while on-hook.
- The Night button light shows the current status as follows:
  - Off: Day mode
  - Red: Night mode
- Pre-assigned extension user can also change the mode.

Customising Your Phone

- Customising the Buttons
  - Create or re-arrange a Night button.
**Turning on the External Background Music**

You can broadcast background music in the office through external speakers.

◆ **To start / stop background music**

**PT / SLT**

- Off-hook.
- Dial 65.
- C.Tone
- On-hook.

**T7431**

- Press MODE until “Feature Access” is displayed.
- Rotate Jog Dial until “Ext-BGM On/Off” is displayed.
- Press SELECT.
- C.Tone
- On-hook.

**T7433**

- Press SHIFT until “FEAT” is displayed.
- Press “FEAT”.
- Rotate Jog Dial until “Ext-BGM On/Off” is at the arrow.
- Press “SEL”.
- C.Tone
- On-hook.

**T7436 / T7235**

- Press “Features”.
- Rotate Jog Dial or press “NEXT” until the following is displayed.
- Press “Extn BGM On/Off”.
- C.Tone
- On-hook.
System Control

Recording Outgoing Messages

UCD messages: Used for the greeting message or guidance when an external party calls your company to access an extension or external party without any operator assistance. Up to four different UCD messages can be recorded.

Timed Reminder message: Often used as wake-up call which is played when answering the Timed Reminder alarm. Only one Timed Reminder message can be recorded.

You can also play back the recorded message for confirmation.

To record

- Off-hook.
- Dial 7121.
- Enter OGM number (1-4).
- Press STORE.

To play back

- Off-hook.
- Dial 7122.
- Enter OGM number (1-4).

• To stop recording or playing back, press the AUTO DIAL / STORE button.
• Message recording limit
  The total length must be under sixty four seconds or less. (Default: 32 seconds for OGM 1 and 3 and 0 second for OGM 2 and 4)
• The optional unit or card is necessary to utilise this feature.
Using the ANSWER / RELEASE Button
[KX-T7441 only]

The ANSWER and RELEASE buttons on the Console are convenient for operators using headsets. With the ANSWER button, you can answer all incoming calls to the paired telephone. With the RELEASE button, you can disconnect the line during or after a conversation, or complete transferring a call.

◆ To answer

**PT & T7441**

![Diagram: Press ANSWER. Talk.]

Press ANSWER. Talk.

◆ To transfer a call

**PT & T7441**

*During a conversation with the headset or hands-free mode*

![Diagram: Press TRANSFER. Enter desired number or press DSS. Press RELEASE.]

Press TRANSFER. Enter desired number or press DSS. Press RELEASE.

◆ To transfer an outside call to an extension with one-touch

**PT & T7441**

*During a conversation with the headset or hands-free mode*

![Diagram: Press DSS. The party answers. Press RELEASE. The other party is placed on hold and the destination extension is called immediately.]

Press DSS. Press RELEASE. The other party is placed on hold and the destination extension is called immediately.
Hotel Use Features

- Check-in / check-out
- Setting the alarm for other extensions
- Unanswered timed reminder alert
- Printing out guest room information

Check-in / check-out [KX-T7436, KX-T7235 only]

The check-in mode activates the primary service mode and automatically clears the charge counter. The check-out mode activates the secondary service mode and prints out the charge counter, minibar and other expenses. While in the check-in mode, the DSS button light turns on.

To check-in

**T7436 / T7235**

![Diagram for check-in process]

To check-out

**T7436 / T7235**

![Diagram for check-out process]

- It is possible to change the telephone and minibar charges. In this case, enter the charge after pressing the “Telephone” or “Minibar” button.
Data similar to below is printed out.

Check in : 30.Jan.99 05:30 PM  
Room  : 201

<table>
<thead>
<tr>
<th>Service</th>
<th>Amount</th>
<th>Tax</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone</td>
<td>2.00</td>
<td>0.0</td>
<td>0.0%</td>
<td>2.00</td>
</tr>
<tr>
<td>Minibar</td>
<td>2.50</td>
<td>0.0</td>
<td>0.0%</td>
<td>2.50</td>
</tr>
<tr>
<td>Others</td>
<td>3.00</td>
<td>0.0</td>
<td>0.0%</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>£ 7.50</strong></td>
<td>0.0</td>
<td><strong>Total</strong></td>
<td><strong>£ 7.50</strong></td>
</tr>
</tbody>
</table>

**Setting the alarm for other extensions (Wake-up Call)**

The operator can remotely set/cancel the alarm for a desired extension. If the Alert button on Operator’s extension turns red, it indicates that a guest has not responded to the wake-up call.

**To set**

**PT / SLT**

1. Off-hook.  
2. Dial 7×1.  
3. Enter extension number or press DSS.  
4. Enter hour (00-12) and minute (00-59).  
5. Dial 0 for AM or 1 for PM.  
6. Dial 0 for one time or 1 for daily.  
7. C.Tone  
8. On-hook.

**T7436 / T7235**

1. Press “Hotel”.  
2. Press “Wake up”.  
3. Enter extension number or press DSS.  
4. Press “NEXT”.  
5. Enter hour (00-12) and minute (00-59).  
6. Dial 0 for AM or 1 for PM.  
7. Dial 0 for one time or 1 for daily.  
8. C.Tone  
9. Press “END”.  
10. Press “END”.  
11. Press “END”.  
12. Press “END”.  
13. Press “END”.
- A voice message can be recorded by the operator if required. (Refer to “Recording Outgoing Messages”.)

**To cancel**

**PT / SLT**

1. Off-hook.
2. Dial 7*0.
3. Enter extension number or press DSS.
4. C.Tone
5. On-hook.

**T7436 / T7235**

1. Press “Hotel”.
2. Press “Wake up”.
3. Enter extension number or press DSS.
4. C.Tone
5. Press “NEXT”.
6. Press “CLR”.
7. Press “END”.
8. Press “END”.
9. Press “END”.

**To view the setting**

**D – PT**

1. Off-hook.
2. Dial 7*2.
3. Enter extension number or press DSS.
4. On-hook.

**T7436 / T7235**

1. Press “Hotel”.
2. Press “Wake up”.
3. Enter extension number or press DSS.
4. Press “NEXT”.
5. Press “END”.
6. Press “END”.
7. Press “END”.

• A voice message can be recorded by the operator if required. (Refer to “Recording Outgoing Messages”.)
• If the daily alarm is set, the display shows “*” in the corner.

Alarm 10:10AM

◆ Unanswered timed reminder alert [KX-T7436, KX-T7235 only]

If the guest does not answer a wake-up call, the Alert button light will flash. Pressing the Alert button informs you which extension did not answer the wake-up call.

T7436 / T7235

Press “Alert”.

Unanswered extension number is displayed.

Press “CLR” to clear.

Press “NEXT” to go to the next unanswered extension.

Press “MENU” to exit.

Customising Your Phone

• Customising the Buttons

Create or re-arrange an Alert button.
Printing out guest room information

Guest room information can be printed out from the telephone in each room. Pre-assigned message numbers 6 through 9 can be used.

<Example>
Message 6: “Cleaned-up”
Message 7: “Minibar £ %%%.%”

Data similar to below is printed out.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Ext</th>
<th>Department code</th>
<th>CO</th>
<th>Dial Number</th>
<th>Duration</th>
<th>Charge</th>
<th>Code</th>
<th>CD</th>
</tr>
</thead>
<tbody>
<tr>
<td>24/03/99</td>
<td>02:09 PM</td>
<td>221</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cleaned-up</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24/03/99</td>
<td>10:23 AM</td>
<td>230</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Minibar £ 2.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Printing the System Working Report

The system working report contains the following:
- The number of incoming calls and answered calls
- The percentage of answered calls versus all incoming calls
- The number of accesses requested and successful calls
- The percentage of successful calls versus tries
- The average call duration

This report can also be printed out by the manager.

### PT / SLT

<table>
<thead>
<tr>
<th>Off-hook</th>
<th>Dial 794.</th>
<th>Dial 1 to print or 0 to clear</th>
<th>On-hook</th>
</tr>
</thead>
</table>

### System working report

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Start</strong></td>
<td>1. Jan. 1999 11:00’ AM</td>
<td><strong>CO</strong> 01 02 03</td>
</tr>
<tr>
<td><strong>End</strong></td>
<td>1. Jan. 1999 7:23’ AM</td>
<td><strong>Incoming calls</strong> 44 38 47</td>
</tr>
<tr>
<td><strong>Answered calls</strong></td>
<td>39 37 44</td>
<td></td>
</tr>
</tbody>
</table>

---

**Activity:**

Dial 794. Dial 1 to print or 0 to clear.
This chapter shows you how to customise your individual telephone or system according to your needs. Find the desired setting and program as necessary.
If you use a Panasonic proprietary telephone (e.g. KX-T7436), you can customise your telephone functions. For example, you can change the initial settings or button functions according to your needs.

!!!

• If you change your desks and the extension line, clear all settings first. The old settings will remain in the previous extension user’s memory.

Initial Settings

The original settings are shown in bold letters in the shaded boxes. Find and mark your desired selections for programming.

• If nothing is entered within one minute in the programming mode, the mode returns to the normal status.
• To exit the mode at any time, lift the handset.

To enter the programme mode

Press PROGRAM or PAUSE.

To programme

Dial 99.

Follow programming input

Press STORE.

To exit

Press PROGRAM or PAUSE.

<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which line do you prefer to seize when you go off-hook to make calls? (Preferred Line Assignment – Outgoing)</td>
<td>No line</td>
<td>1 1</td>
</tr>
<tr>
<td></td>
<td>An idle outside line</td>
<td>1 2</td>
</tr>
<tr>
<td></td>
<td>A pre-assigned outside line</td>
<td>1 3 Outside line no. (01–54)</td>
</tr>
<tr>
<td></td>
<td>The Intercom line</td>
<td>1 INTERCOM</td>
</tr>
<tr>
<td>Which line do you prefer to seize when you go off-hook to receive calls? (Preferred Line Assignment – Incoming)</td>
<td>No line</td>
<td>2 1</td>
</tr>
<tr>
<td></td>
<td>A ringing line</td>
<td>2 2</td>
</tr>
<tr>
<td></td>
<td>A pre-assigned outside line</td>
<td>2 3 Outside line no. (01–54)</td>
</tr>
</tbody>
</table>
### Customising Your Phone & System 4-3

<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which way do you prefer to dial the One-Touch Dialling feature?</td>
<td>□ Going Off-hook and then pressing the One-Touch Dialling button.</td>
<td>3 1</td>
</tr>
<tr>
<td>(Full One-Touch Dialling Assignment)</td>
<td>□ Pressing the One-Touch Dialling button.</td>
<td>3 2</td>
</tr>
<tr>
<td>Which way do you prefer to receive an intercom call?</td>
<td>□ Ringing</td>
<td>4 1</td>
</tr>
<tr>
<td>(Intercom Alert Assignment)</td>
<td>□ Directly – the party’s voice is heard without ringing.</td>
<td>4 2</td>
</tr>
<tr>
<td>Do you prefer to distinguish the Call Waiting tone from an outside line and an intercom call?</td>
<td>□ No. Use the same tone.</td>
<td>5 1</td>
</tr>
<tr>
<td>(Call Waiting Tone Type Selection)</td>
<td>□ Yes. Use a different tone.</td>
<td>5 2</td>
</tr>
<tr>
<td>Which equipment will you use as a receiver?</td>
<td>□ Handset</td>
<td>9 1</td>
</tr>
<tr>
<td>(Handset/Headset Selection)</td>
<td>□ Headset</td>
<td>9 2</td>
</tr>
<tr>
<td>Which voice mail service do you prefer when a caller is recording a message in your mailbox?</td>
<td>□ You can monitor the message through the telephone speaker. (Hands-free mode)</td>
<td>* 1 1</td>
</tr>
<tr>
<td>(Live Call Screening Mode Set)</td>
<td>□ Only an alert tone is heard.</td>
<td>* 1 2</td>
</tr>
</tbody>
</table>

#### To confirm the current setting

![Diagram](#)

- Press PROGRAM or PAUSE.
- Dial 99.
- Enter programming input, except for suffix number.
- Press HOLD.
- Press PROGRAM or PAUSE.

#### To clear all settings

![Diagram](#)

- Press PROGRAM or PAUSE.
- Dial 99#.
- Press STORE.
- Press PROGRAM or PAUSE.
You can change the flexible CO buttons, DSS buttons and programmable function (PF) buttons to the following function buttons. For example, if your telephone has more CO buttons than available CO lines, you may change an unused CO button to a one-touch dialling button.

<table>
<thead>
<tr>
<th>Button</th>
<th>Programmable Button</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loop-CO</td>
<td>✓</td>
<td>*</td>
</tr>
<tr>
<td>Group-CO</td>
<td>✓</td>
<td>#Outside line group no. (1–8)</td>
</tr>
<tr>
<td>Single-CO</td>
<td>✓</td>
<td>0Outside line no. (01–54)</td>
</tr>
<tr>
<td>Direct Station Selection (DSS)</td>
<td>✓ ✓</td>
<td>1Extension no.</td>
</tr>
<tr>
<td>One-Touch Dialling</td>
<td>✓ ✓ ✓</td>
<td>2Desired no.*1 (max. 24 digits)</td>
</tr>
<tr>
<td>MESSAGE</td>
<td>✓ ✓ ✓</td>
<td>3</td>
</tr>
<tr>
<td>FWD/DND (Forward/Do Not Disturb)</td>
<td>✓ ✓ ✓</td>
<td>4</td>
</tr>
<tr>
<td>SAVE</td>
<td>✓ ✓ ✓</td>
<td>5</td>
</tr>
<tr>
<td>Account</td>
<td>✓ ✓ ✓</td>
<td>6</td>
</tr>
<tr>
<td>CONF (Conference)</td>
<td>✓ ✓ ✓</td>
<td>7</td>
</tr>
<tr>
<td>Log-In/Log-Out*2</td>
<td>✓</td>
<td>8 0Receiving group no.</td>
</tr>
<tr>
<td>Hurry-Up</td>
<td>✓</td>
<td>8 1Extension no.</td>
</tr>
<tr>
<td>Voice Mail Transfer*3</td>
<td>✓ ✓ ✓</td>
<td>8 2Voice mail extension no.</td>
</tr>
<tr>
<td>Two-Way Record*3</td>
<td>✓ ✓ ✓</td>
<td>8 3Voice mail extension no.</td>
</tr>
<tr>
<td>Two-Way Transfer*3</td>
<td>✓ ✓</td>
<td>8 4Voice mail extension no.</td>
</tr>
<tr>
<td>Live Call Screening*3</td>
<td>✓ ✓</td>
<td>8 5</td>
</tr>
<tr>
<td>Live Call Screening Cancel*3</td>
<td>✓ ✓</td>
<td>8 6</td>
</tr>
<tr>
<td>Alert</td>
<td>✓</td>
<td>8 7</td>
</tr>
</tbody>
</table>
**Button** | **Programmable Button** | **Programming Input**
--- | --- | ---
Phantom Extension | ✓ ✓ | 8 8
Night*2 | ✓ ✓ | 8 * 0 0
Call Pickup Deny*2 | ✓ ✓ | 8 * 0 1
Call Waiting*4 | ✓ ✓ | 8 * 0 2
Calling Line Identification Restriction (CLIR)*2 | ✓ ✓ | 8 * 0 3
Connected Line Identification Restriction (COLR)*2 | ✓ ✓ | 8 * 0 4
Do Not Disturb for Direct Dialling In Call (DND for DDI)*2 | ✓ ✓ | 8 * 0 5
Paging Deny*2 | ✓ ✓ | 8 * 0 7
Paralleled Telephone Connection*2 | ✓ ✓ | 8 * 0 8
Pickup Dialling*2 | ✓ ✓ | 8 * 0 9
Call Forwarding from Hunting Group*2 | ✓ ✓ | 8 * 1 0
Doorphone Call Forwarding to Outside Line*2 | ✓ ✓ | 8 * 1 1
One-Touch Dialling with Auto Hold | ✓ ✓ ✓ | 8 # Desired no.*1 (max. 24 digits)
Terminate | ✓ ✓ ✓ | 9

---

• *1 “*”, “#”, FLASH/RCL, PAUSE, SECRET (INTERCOM) and — (CONF) can also be stored.
  – If you do not want to display the stored number, press the SECRET (INTERCOM) button before and after the numbers you wish to conceal.
  – If you store an external party’s number, you should first store a line access number (9, 81 to 88).
  – If you need to enter an account code, you can enter the specified account code before the line access number.

<Example>

```
49  1234  #  9
 Account code feature no.  Account code  Account code delimiter  Automatic line access number  Phone number
```

• *2 Pressing this button while on-hook or hearing a dial tone changes the setting (on or off) of the corresponding feature.

• *3 This button is used for the voice mail integration feature.

• *4 Pressing this button changes the settings as follows.

  - Tone ➔ OHCA ➔ Whisper OHCA ➔ No tone

• To exit the mode at any time, lift the handset.
To distinguish the ringing tones for each CO button
(Digital proprietary telephone only)

To change the ringing tone for intercom calls
(Digital proprietary telephone only)

To set a phantom extension ringing or not

To clear the button data
## Charge Fee Management

[Pre-assigned extension only]

![Diagram of program input and output](image)

<table>
<thead>
<tr>
<th>Item</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewing, clearing or printing each extension charge, outside charge or account code charge.</td>
<td><img src="image" alt="Diagram of program input and output" /></td>
</tr>
<tr>
<td>Viewing, clearing or printing total extension charge, total outside charge or total account code charge.</td>
<td><img src="image" alt="Diagram of program input and output" /></td>
</tr>
<tr>
<td>Assigning an account code.</td>
<td><img src="image" alt="Diagram of program input and output" /></td>
</tr>
</tbody>
</table>

- You cannot print out the account code charge of the account table number (01) by SMDR.
Customising Your System (System Programming)

Programming Information

You can customise your system according to your application. You can control telephone conditions for each extension, extension group, Class of Service, etc.. For example, you can restrict some extensions from calling external parties. Furthermore, the programmed data, such as system speed dialling, can be used by all extensions.

Your system already has default settings (factory installed). Most of the programming is done by your dealer. Consult your dealer about system applications and re-programming according to your needs.

Only frequently changed programming items (User Programming) are shown in this manual. If you would like to change the following features, extensions which meet certain conditions can re-program them at any time.

The available programming is shown below. (Programme number)
- The date and time (000)
- System speed dialling numbers and names (001/002)
- Extension number and name (003/004)

Required Telephone

A Panasonic Proprietary Telephone with display (e.g. KX-T7433, KX-T7436)

User Password

To enter the programming mode, a user password (4-7digits) is required. It should be programmed through system programming beforehand. Check your password (Default: 1234).

Conditions

Only one extension, which is on-hook and holding no calls, is available at one time. If another extension is programming, "Another Use" is displayed.

List

Before programming, decide your selections and write them down in the list for each programming item. These are useful for easy programming and future reference. Your dealer also has programming tables which contain all of the assignments. You may ask for photo copies of these tables to be aware of the features / conditions available.

Overlay / Button Function

The overlay is a paper sheet which is included with the telephone.
In the programming mode, the button functions are different. The overlay shows the functions in the programming mode. Place the overlay on the telephone properly.

If your telephone display shows the necessary functions, the overlay may be not required.

KX-T7436 with the overlay
Display

The display gives you useful messages about programming. The multiple-line display also shows the available functions. Follow the message at each step. This is a display sample in the initial programming mode.

The message line guides you through programming and lets you confirm your selection. For example, when “Jack No? →” is displayed, enter the jack number. The display shows up to 16 characters at a time. To scroll the display, press → or ←. The function line shows you the function of the Soft button located below it. When the SHIFT button light beside the display is on, subtitles are available. Press the SHIFT button to confirm the available functions.

Jack Number / Extension Number

Certain programming is assigned to each jack number. The jack number is where your telephone connects to the system. If two telephones share one jack and have their own extension number (eXtra Device Port [XDP]), the jack number is determined as Jack XX-1 for a proprietary telephone and Jack XX-2 for a single line telephone. The display may show XX-2, even if an extension has not set XDP. If you do not know the jack number or extension number, check it as shown below.

**If you do not know the jack / extension number**

- Press PROGRAM or PAUSE.
- Dial 996.

**After confirming**

- Press END.
- Press PROGRAM or PAUSE.

Confirmation

To confirm your entry after storing data;
- The STORE button light: Lights red.
- Confirmation Tone:
  - One beep: Your entry is accepted.
  - Three beeps: Your entry is rejected.
**Icon Descriptions**

Icons are given to guide you through programming. The following is an example of how the icons may be used:

- **Enter the programme number. (xxx= the specified number)**

- **Press the corresponding button on the telephone or the Soft button which corresponds to the display.**

  - **Example**: Press the button until the desired entry appears.

- **NEXT**: “NEXT” is displayed. In this case, both of the following methods are available:
  - Press the NEXT (NEXT) button.
  - Press the Soft button which corresponds to “NEXT” shown on the display.

- **The display messages “SEL+, SEL- and SEL” mean ”SELECT”. “CLR” means ”CLEAR”.**

- **Press the button until the desired entry appears.**

- **Enter your selection.**

  - **Example**: “Jack no.” is displayed. Enter the jack number.
Procedure

The basic steps are shown below.

1. Entering the programming mode

![Diagram of programming mode entry]

- Press PROGRAM or PAUSE.
- Dial **.
- Enter user password.

2. Programming

![Diagram of programming process]

- Press SKP+.
- Press NEXT.
- Enter your entry.
- Press STORE.
- Press END.
- To continue programming.
- To end.
- To continue entering selections.
- To go to the next/previous programme or entry.
- To enter the desired programme or entry.

- To delete or change an entry, press CLEAR (TRANSFER).
- To confirm your entry after storing data:
  - The STORE button light: Lights red.
  - Confirmation Tone: One beep: Your entry is accepted.
    Three beeps: Your entry is rejected.
- To exit the programming mode at any time, lift the handset.

3. Exiting the mode

![Diagram of mode exit]

- Press PROGRAM or PAUSE.
Character Entry

When storing a name or message, enter the characters as follows. The tables below and on the next page show you the characters available for each key. You can enter letters by pressing the alphanumeric keys on your telephone.
Example: Key 2 can enter A, a, B, b, C or c.

Entering characters

- Press the desired character key.
- Press the matching Soft button, press the SELECT * (AUTO ANSWER) button or rotate the Jog Dial as needed.
- Repeat the appropriate steps for the remaining characters.

- **To erase the last letter**, press the ← (CONF) button.
- **To erase all letters**, press the CLEAR (TRANSFER) button.
- **To alternate between capital and lower case letters**, press the SHIFT button. Once this button is pressed, the mode remains until the SHIFT button is pressed again.

* If your telephone is a KX-T7431, do not use the provided SELECT button. Use the AUTO ANSWER button which becomes the SELECT button when using the overlay.

Combination Table 1

<table>
<thead>
<tr>
<th>Jog Dial keys</th>
<th>Display sequence by rotating the Jog Dial</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 Q q R r S s T t ...</td>
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<tr>
<td>2</td>
<td>2 A a B b C c D d ...</td>
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<tr>
<td>3</td>
<td>3 D d E e F f G g ...</td>
</tr>
<tr>
<td>4</td>
<td>4 G g H h l l i j j ...</td>
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<tr>
<td>5</td>
<td>5 J j K k L l M m ...</td>
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<tr>
<td>6</td>
<td>6 M m N n O o P p ...</td>
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<tr>
<td>7</td>
<td>7 P p Q q R r S s ...</td>
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<tr>
<td>8</td>
<td>8 T t U u V v W w ...</td>
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<tr>
<td>9</td>
<td>9 W w X x Y y Z z ...</td>
</tr>
<tr>
<td>0</td>
<td>0 (space) ! ? . , ' : ; ...</td>
</tr>
<tr>
<td>#</td>
<td># $ % &amp; @ ( ) A a ...</td>
</tr>
</tbody>
</table>
Customising Your Phone & System

Combination Table 2

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<th>Soft button</th>
<th>S1</th>
<th>SHIFT+S1</th>
<th>S2</th>
<th>SHIFT+S2</th>
<th>S3</th>
<th>SHIFT+S3</th>
<th>SHIFT+SHIFT+S1</th>
<th>SHIFT+SHIFT+S2</th>
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</table>

<Example> To enter “Ann”,

- Using the Jog Dial
  - 2 until “A” is displayed.
  - 6 until “n” is displayed.
  - 6 until “n” is displayed.

- Using a soft button.
  - 2
  - 6
  - 6

- Using the SELECT button.
  - 2
  - 6
  - 6
  - 6
  - 6
**Date and Time Set (000)**

After setting the current date and time, the proprietary telephone displays the current date and time while on-hook.

**Default**: 1 Jan ‘94 SAT 12:00 AM

- After changing the desired entries, you can press the STORE button. You do not have to perform the rest of the steps.
- The clock starts immediately after the STORE button is pressed.
- You cannot leave an entry empty.
- The clock is automatically adjusted in case of ISDN.
System Speed Dialling Number Set (001)

You can store the phone numbers of up to 500 frequently dialled numbers.

Default: No entry

- The programming list is on page 4-17. The directory is on page 6-10.
- If the desired number is more than 24 digits, divide the number and store it into two or more speed dial numbers.
- “ “, “#”, FLASH/RCL, PAUSE, SECRET (INTERCOM) and — (CONF) can also be stored.
  - If you do not want to display the stored number, press the SECRET (INTERCOM) button before and after the numbers you wish to conceal.
  - If you store an external party’s number, you should first store a line access number (9, 81 to 88).
  - If you need to enter an account code, you can enter the specified account code before the line access number.

<Example>

- The System Speed Dialling numbers are used for the call identification. For a proper operation, a hyphen must be inserted after the line access number. Additionally, the area code must be stored always (even for local numbers in the same area).
System Speed Dialling Name Set (002)

You can store the corresponding name of the speed dialling number. These names are displayed when making call with the display operation. (See “How to Use the Display” (Operation))

To enter characters, see page 4-12.

Default: No entry

• The programming list is on page 4-17. The directory is on page 6-10.
## Programming List for 001/002

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<th>Name</th>
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</table>
**Extension Number Set (003)**

You can assign an extension number to each jack.

**Default:** Jack no. = Extension no.
KX-TD816 – 01-1 through 16-1 = 201 through 216
01-2 through 16-2 = 301 through 316
KX-TD1232 – 01-1 through 64-1 = 201 through 264
01-2 through 64-2 = 301 through 364

![Diagram of Extension Number Set (003)]

- The leading number(s) should be the same as the assigned number(s) for Flexible Numbering. Consult your dealer.
- A double entry is invalid.
Extension Name Set (004)

You can store the name of an extension user. This is useful if you want to know who is calling, or who you are calling when making an intercom call using the directory.

To enter characters, see page 4-12.

Default: No entry

Dial 004. Press NEXT. Enter jack number. Enter name (max. 10 characters). Press STORE. Press END.

To select the jack number XX-2, press NEXT.

Press NEXT. Press PREV.

Press SELECT.
**Programming List for 003/004**

<table>
<thead>
<tr>
<th>Jack no.</th>
<th>Extension no.</th>
<th>Name</th>
<th>Jack no.</th>
<th>Extension no.</th>
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### Customising Your System (System Programming)

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*The directory is on page 6-8.*
This chapter shows you how to operate each DECT Portable Station feature step by step. Read this chapter to become familiar with the many useful features of this DECT system. The KX-TD816 and KX-TD1232 systems optionally support the DECT system.
Safety Instructions

Take special care to follow the safety suggestions listed below to use the Panasonic DECT Portable Station (PS).

Safety

1) The charger should be connected to a power supply only of the type described in the operating instructions or as marked on the charger.
2) When the PS is not being used, turn the power off. When left unused for a long period of time, the charger should be unplugged from the household AC outlet.

Installation

Environment

1) Do not use this PS and the charger near water – for example, near a bath tub, washbowl, sink, etc. Damp basements should also be avoided.
2) The PS and the charger should be kept away from heat sources such as radiators, kitchen ranges, etc. They also should not be placed in rooms where the temperature is less than 5 °C or greater than 40°C.

Placement

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

Battery

To reduce the risk of fire or injury to persons, read and follow these instructions.

1) Use only the battery specified.
2) Do not dispose of the battery in a fire. It may explode. Check with local waste management codes for special disposal instructions.
3) Do not open or mutilate the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4) Exercise care in handling the battery in order not to short the battery with conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5) Do not recharge batteries, which are provided or specified as replacement parts for use with other products. The battery may leak corrosive electrolyte or explode.
6) Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating. Sudden release of battery electrolyte may occur causing burns or irritation to eyes or skin.
7) Remove the battery from this product if the product will not be used for a long period of time (several months or more). During this time the battery could leak in the product.
8) Discard the “dead” battery as soon as possible. A “dead” battery may leak in the product.
9) Do not store this product, or the battery provided with or identified for use with this product, in high temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilised at room temperature prior to use after cold storage.
For Best Performance

Operating Range
1) The range of operation depends on the topo-graphy of your office, weather or usage conditions, because signals are transmitted between the Cell Station (CS) and the PS by radio waves.
2) Normally, you will get greater range outdoors than indoors. If there are obstacles such as walls, noise may interfere with your telephone calls. In particular, high metal shelves or reinforced concrete walls will shorten your operating range.
3) A PS may not work if used in places that are too far from the CS depending on the structure of the building.

Noise
Occasional noise or interference may occur due to other sources of electromagnetic radiation, such as refrigerators, microwave ovens, faxes, TVs, radios, or personal computers.
If noise affects your telephone calls, keep the PS away from other electrical appliances.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.
Before Operating the DECT Portable Station

◆ What is the DECT Portable Station?
You can use a Panasonic DECT Portable Station (PS), KX-TD7500, by connecting an optional wireless system to your PBX, KX-TD816 or KX-TD1232. It can be used in the system with other telephones.

Capacity
You can use the following number of PS in each system.
KX-TD816  16
KX-TD1232  64
Up to four calls can be made at the same time in the range.

◆ Registration
You must register your PS in the system and determine its extension number before initial use. For PS registration, consult your dealer.

◆ Display
The display has two lines with 16 characters per line, and related symbols to show information for your phone activities. Furthermore, your PS can show the guidance messages which show the selectable buttons and help you operate your PS without the operating instructions. Refer to “Customising Your PS – PS Programming”.

![Display Diagram]
- (Function mode)
- (Directory or Programming mode)
- (Off-hook status)
- (Message Waiting indicator)
- (Radio Signal Strength)
- (Battery Strength)

Shows the strength of the receiving radio signal from the Cell Station (CS).

Strong
Weak
(Flash)

[Display: NO SERVICE]
Out of range.
Move closer to the CS.

Fully charged.
Medium
Low
(Flash)
The battery needs to be charged. The call will be disconnected within 3 minute after a beep tone sounds.
**Battery Charge**

You need to charge the battery before initial use and when the battery strength becomes low. When "FLASH" flashes or beep tones sound every five seconds during a conversation or "BATTERY EMPTY" is displayed, recharge the battery or replace with a fully charged optional spare battery. If not, the call will be automatically disconnected in three minutes.

**Standard Battery Life**

If your Panasonic battery is fully charged [provided 25°C]:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>While in use (Talk mode)</td>
<td>Up to about 10 hours</td>
</tr>
<tr>
<td>While not in use (Stand-by mode)</td>
<td>Up to about 100 hours</td>
</tr>
</tbody>
</table>

**To install a battery**

Hook the bottom of the battery on the PS, and place the battery until it clicks.

**To charge the battery**

1. Connect the charger to a power outlet using the AC adaptor.
2. Slide the battery-attached portable station or the battery in the charger.
   - Charge the battery for about 1.5 hours.
   - When charging is completed, the charge indicator will change from orange to green.

**To replace a battery**

Set the power switch to OFF first to prevent memory loss, and then remove the battery while pressing the tab.

- The AC adaptor is used as the main disconnect device. Ensure that the socket-outlet is located near the equipment for easily access.

- The battery is used while the PS’s power is ON.
- Battery life may vary depending on usage conditions and ambient temperature.
- Please use only a Panasonic battery.
- Do not let the charged battery’s electrodes touch metallic objects. The terminal may short and overheat, causing burns.
- Clean the charge contacts on both the PS and the charger with a soft cloth once a month, or the battery may not charge properly.
- The PS can receive calls even while charging.
- You need not worry about overcharging.
Before Operating the DECT Portable Station

◆ Feature Numbers

To operate certain features, you need to enter specified feature numbers (and an additional parameter, if required).
There are two types of feature numbers as follows:
- Flexible feature number
- Fixed feature number

Fixed feature numbers cannot be changed. However, you can change the flexible numbers to other numbers for easier use. If you want to change the numbers, consult your dealer. In this manual, the default numbers (factory installed) are used for operations.
A flexible number is shown as [ ] (half-shaded key). Use the new programmed number if you have changed the feature number. Write the new number in the “Feature Number List” (Appendix).

◆ Your Extension Number / DECT System Number

You can check your own extension number or/and the connected DECT System number on the display if set to be shown by PS Programming. Refer to “Customising Your PS – PS Programming – Standby Display Selection”.

◆ Tones

You will hear various tones, during or after an operation, for confirmation. Refer to “What is This Tone?” (Appendix).

◆ Examples

The displays and the illustrations shown as examples are from a PS connected to the KX-TD1232.

◆ Restrictions

Some features may be restricted at your PS under system programming. Consult your manager or dealer.

◆ Icon Descriptions

There are some icons which show you the feature availability, notes and action to operate the features. For details, refer to “Before Operating the Telephones – Icon Descriptions” (Operation). While operating the PS, you can easily refer to the Icons noted on the inside back cover of this manual.
**Button Descriptions**

Your PS has the useful function buttons listed below. These buttons make operations simple.

- **INTERCOM Button**: Used to make or receive intercom calls.
- **TALK Button**: Used to make, receive or end calls.
- **CANCEL Button**: Used to end calls, or exit the directory or Function mode.
- **CLEAR / TRANSFER Button**: Used to clear incorrect digits while entering numbers or transfer a call to another extension.
- **HOLD Button**: Used to place a call on hold.
- **FUNCTION Button**: Used to enter into the Function mode or access features by pressing additional keys.
- **F1-F3 Flexible CO Buttons**: Used to make or receive an outside call. A F1 button is already assigned as a Loop-CO button. Pressing this button seizes an idle line automatically. F1 through F3 buttons can be used as the desired function buttons. (Button assignment is required.) If the term is in parentheses like (Save), it means this button has become the “Save” button.
- **BOOK Button**: Used to enter into the directory mode or select a menu in the Function mode.
- **FLASH Button**: Used to disconnect a current call and make another call.
- **Power Switch**: Used to switch the power ON (●) or OFF (○).
- **Volume Control Button**: Used to select the ringer volume (seven levels, off and vibration mode) during on-hook or ringing status, or receiver volume (three levels) during a conversation. The volume levels are indicated by the number of asterisks on the display.
- **PAUSE Button**: Used to insert a pause in numbers.
- **FWD/DND Button**: Used to set the Call Forwarding or Do Not Disturb (DND) features.
- **MESSAGE Button**: Used to leave a message waiting indication or call back the party who left the message waiting indication.
- **CONF (Conference) Button**: Used to establish a three party conversation.
- **TONE Button**: Used to change the dialling mode temporarily to tone.

*These buttons can also be activated using the display. Refer to “Operation – Selecting the Feature Buttons on the Display”.*
How to Follow the Steps

A sample operation is shown below.

Calling the Call Directories

Storing the names and numbers

You can store, edit or delete the PS Dialling Directory or PBX Station Speed Dialling Directory items on your PS.

<table>
<thead>
<tr>
<th>Feature title</th>
<th>Sub feature title</th>
<th>Description</th>
<th>Operation steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press FUNCTION and BOOK.</td>
<td>Press OK.</td>
<td>Enter name* (max. 16 characters).</td>
<td>Press OK.</td>
</tr>
<tr>
<td>Press OK.</td>
<td>Press OK.</td>
<td>Enter phone number** (max. 32 digits).</td>
<td>Press OK.</td>
</tr>
<tr>
<td>Press CANCEL.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Conditions

To store a phone number only, skip the step for entering name.
- * To enter characters, see page 5-22.
- ** The line access number is not required.

Hints

You can lock the Call Directories to prevent other people from seeing your directory display.

Customising Your PS

- PS Programming – Directory Lock Control
  Lock or unlock the Call Directories.

Programming References: The related or required programming is noted. To programme, see “Customising Your PS” in this section.
Operation

Making Calls

◆ Calling another extension

◆ To another extension (Intercom Call)

<table>
<thead>
<tr>
<th>PS</th>
<th>Press TALK or INTERCOM.</th>
<th>Enter extension number.</th>
<th>Talk.</th>
<th>Press CANCEL.</th>
</tr>
</thead>
</table>

<Example>
When you call Mr. Thomas.... Mr. Thomas’s extension number is 223.

<table>
<thead>
<tr>
<th>PS</th>
<th>Press TALK.</th>
<th>Enter 223.</th>
<th>Talk.</th>
<th>Press CANCEL.</th>
</tr>
</thead>
</table>

- You can also finish the conversation by placing the PS on the charger or pressing TALK button.
- If “!” flashes, move towards the Cell Station until the sign stops flashing and try again.

!!
- Do you have an extension directory?
  Complete the directory on page 6-10 and make a copy for your reference.
- Confirming the dialled number before connecting
  You can go off-hook after confirming the number you dialled. If you misdial, press the CLEAR button to clear each number from the right.
- If you go off-hook first and then misdial, press the FLASH button and enter the number again.
- Handover
  Even if you move during a conversation, the linking Cell Station (CS) will automatically switch without disconnecting the call. Handover is available only during a conversation (except a conference call). It is not available when a switched CS is busy or there is no CS in the new range.
**Operation**

◆ **Calling an external party**

You have to seize an outside line before dialling an outside phone number because external calls are made via your system.

Select one of the following methods:
- Press an idle (CO) button.
- Dial automatic line access number .
  An idle line is selected automatically.
- Dial outside line number to .
  A specific line is selected.

◆ **Using a Flexible CO button**

- **PS**

  ![Diagram]

  - Press CO.
  - Enter phone number.
  - Talk.
  - Press CANCEL.

◆ **Using automatic line access number / outside line number**

- **PS**

  ![Diagram]

  - Press TALK.
  - Seize an external line (9 or 81-88).
  - Enter phone number.
  - Talk.
  - Press CANCEL.

- **Customising Your PS**

  - **PBX Programming – Customising the Buttons**
    Create or re-arrange the Loop-CO button, Group-CO button and Single-CO button.

- **Emergency call**
You can dial pre-programmed emergency numbers without any restrictions. (Default: 999, 112)

- **To select the less expensive line automatically**, dial “9” or press the Loop-CO button to seize a line. (LCR = Least Cost Routing) F1 button is already assigned as the Loop-CO button.

- **Confirming the dialled number before connecting**
You can go off-hook after confirming the number you dialled. If you misdial, press the CLEAR button to clear each number from the right.

- **If you go off-hook first and then misdialed**, press the FLASH button and enter the number again.

- **Call information**
The following information can be referred to by repeatedly pressing the CO button in use.
  - Phone number (outgoing call) or call duration (incoming call)
  - Meter – Call charge
Receiving Calls

When you receive a call, the DECT portable station (PS) rings or vibrates, and the outside line number or extension number of the receiving call will appear on the display.

T7431

Press TALK or flashing CO. → Talk. → Press CANCEL.

- You can hang up also by pressing the TALK button or placing the PS on the charger.

Customising Your PS

- PS Programming — To change the initial settings
  - Quick Answering Mode Set
    Select to answer calls by just lifting the ringing PS off the charger.
  - Automatic Answer Mode Set
    Select the answering mode when using the headset.

!!

- To select the vibration mode
  Press the Volume Control button until "VIBRATION CALL" is displayed. This button also changes the ringer volume which is indicated by the number of asterisks on the display.

- If the PS is on the charger, just lift up the PS (Quick Answering).

- If a headset is connected to the PS, you can select to answer a call without lifting your PS (Automatic Answer Mode).
Redial

This is convenient when calling the same external party again.
– Redialling the last number you dialled
– Redialling one of the last five outside phone numbers you dialled

◆ Redialling the last number you dialled (Last Number Redial)

<table>
<thead>
<tr>
<th>PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>[phone]</td>
</tr>
<tr>
<td>Press TALK.</td>
</tr>
</tbody>
</table>

◆ Redialling one of the last five outside phone numbers you dialled (Outgoing Call Log)

<table>
<thead>
<tr>
<th>PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>[redial]</td>
</tr>
<tr>
<td>Press REDIAL until the desired number appears.</td>
</tr>
</tbody>
</table>

• You can also search the desired log number by pressing the Next or Previous button after pressing the REDIAL button.

◆ To clear all of the numbers in the call log

<table>
<thead>
<tr>
<th>PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>[redial]</td>
</tr>
<tr>
<td>Press REDIAL.</td>
</tr>
</tbody>
</table>
Holding a Call

- Holding
- Denying other people the possibility of retrieving your held calls

・If a call is not retrieved within a specified time, you will hear an alarm as a reminder.
・If a call is not retrieved within fifteen minutes, it is automatically disconnected.

**Holding (regular)**

**PS**

*During a conversation*

[Diagram: Press HOLD.]

**To retrieve a call**

**PS**

● At the holding extension

[Diagram: Press flashing CO or INTERCOM.]

Talk.

● For an outside call from another extension

[Diagram: Press flashing CO.]

Talk.

● For an intercom call from another extension

Dial 51. Enter holding extension number. Talk.

・The CO or INTERCOM button light shows the current status as follows:
  - **Flashing green:** Your held call
  - **Flashing red:** Another extension’s held call

- You can hold either an intercom call or an outside call at one time.
- To hold multiple calls, use the “Call Park” feature.
**Operation**

◆ Denying other people the possibility of retrieving your held calls (Exclusive Call Hold)

Only the held extension can retrieve the call.

During a conversation

Press HOLD. Press HOLD again.

**To retrieve a call**

Press flashing CO or INTERCOM.

Talk.

- The CO or INTERCOM button light shows the current status as follows:
  - **Flash green**: Your held call
  - **Flash red**: Another extension’s held call
- You can hold either an intercom call or an outside call at one time.
Transferring a Call

- Transferring to an extension
- Transferring to an external party

**Transferring to an extension**

<table>
<thead>
<tr>
<th>PS</th>
<th>During a conversation</th>
</tr>
</thead>
<tbody>
<tr>
<td>📞</td>
<td>🎧</td>
</tr>
<tr>
<td>C.Tone</td>
<td>extension no.</td>
</tr>
<tr>
<td>🔁</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Announce.</td>
</tr>
<tr>
<td></td>
<td>Press CANCEL.</td>
</tr>
</tbody>
</table>

Press TRANSFER.

Enter extension number.

The destination is confirmed before sending. This can be disregarded.

**Transferring to an external party**

Some extensions may be restricted from performing this function.

<table>
<thead>
<tr>
<th>PS</th>
<th>During a conversation</th>
</tr>
</thead>
<tbody>
<tr>
<td>📞</td>
<td>🎧</td>
</tr>
<tr>
<td>C.Tone</td>
<td>line access no.</td>
</tr>
<tr>
<td>🔁</td>
<td></td>
</tr>
<tr>
<td>F1-F3</td>
<td>CO</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>phone no.</td>
</tr>
<tr>
<td></td>
<td>Announce.</td>
</tr>
<tr>
<td></td>
<td>Press CANCEL.</td>
</tr>
</tbody>
</table>

Press TRANSFER.

Press CO or enter line access number (9 or 81-88).

Enter phone number.

• To return to the held call before the destination answers, press the TRANSFER button, corresponding CO or the INTERCOM button.
• To return to the conversation after completing the transfer to an external party, press the corresponding CO button.
• If you hear an alert tone, the destination extension did not answer the call. Answer the call.
**Operation**

### Using the Call Directories

- Storing the names and numbers
- Entering characters
- Making calls using the Call Directories

You can store names and/or phone numbers in the directories. A stored number is dialled out by selecting a name or phone number in a directory. There are four types of directory features, including one PS directory and three PBX directories.

**PS Dialling Directory:** You can store up to 100 private names and phone numbers of outside parties. All directory items are stored in alphabetical order.

**PBX System Speed Dialling Directory:**
You can make a call via the system by selecting system-assigned names and phone numbers (500 max.).

**PBX Extension Dialling Directory:**
You can make a call via the system by selecting system-assigned extension names.

**PBX Station Speed Dialling Directory:**
You can make a call via the system by selecting privately assigned names and phone numbers (10 max.).

#### Storing the names and numbers

You can store, edit or delete the PS Dialling Directory or PBX Station Speed Dialling Directory items on your PS. There are five displays for directory entry/edition/deletion as shown below.

**Display sequence in “MODIFY BOOK” display**

- It is not possible to edit items in the PBX System Speed Dialling or PBX Extension Dialling Directories.
- * Only displayed when registered to a Panasonic Digital Super Hybrid System. It is not displayed when out of range.
**To store a PS Dialling Directory item**

<table>
<thead>
<tr>
<th>MODIFY BOOK</th>
<th>PS-NEW-ENTRY</th>
<th>ENTER NAME</th>
<th>Panasonic</th>
<th>Panasonic ENTER PHONE-NO.</th>
</tr>
</thead>
</table>

1. Press **FUNCTION** and **BOOK**.
2. Press **OK**.
3. Press **OK**.
4. Enter **name**<sup>*</sup> (max. 16 characters).
5. Press **OK**.
6. Enter **phone number**<sup>*</sup><sup>2</sup> (max. 32 digits).
7. Press **OK**.
8. Press **CANCEL**.

**To store a phone number first and then a name:**

```
phone no. ➔ F ➔ OK ➔ OK ➔ name ➔ OK ➔ OK
```

**To store a phone number only**, skip the step for entering name.

**<sup>*</sup>1 To enter characters**, see page 5-22.

**<sup>*</sup>2 The line access number is not required.
**Operation**

- **To edit a PS Dialling Directory item**

  **PS**

  1. Press **FUNCTION** and **BOOK**.
  2. Press **BOOK**.
  3. Press **BOOK** until the desired item is displayed.
  4. Press **OK**.

  **Example**

<table>
<thead>
<tr>
<th>MODIFY BOOK</th>
<th>PS-NEW-ENTRY</th>
<th>PS-EDIT</th>
<th>Ann Parker</th>
<th>Panasonic 0123456789</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panasonic</td>
<td></td>
<td></td>
<td></td>
<td><strong>STORED</strong></td>
</tr>
<tr>
<td>0123456789</td>
<td></td>
<td>0123456789</td>
<td></td>
<td>0123456789</td>
</tr>
<tr>
<td>Panasonic-NT</td>
<td></td>
<td></td>
<td></td>
<td>0123456799</td>
</tr>
<tr>
<td>0123456789</td>
<td></td>
<td></td>
<td></td>
<td>0123456799</td>
</tr>
</tbody>
</table>

  - Press **OK**.
  - Edit name*1 (max. 16 characters).
  - Press **OK**.
  - Edit phone number*2 (max. 32 digits).
  - Press **OK**.

  Press **CANCEL**.

  *1 To enter characters, see page 5-22.
  *2 To change the number, press the CLEAR button to clear a digit from the right, and enter the number again.
  To move the cursor on the number, Use # (to the left) or * (to the right) button.
◆ To store / edit a PBX Station Speed Dialling Directory item

**PS**

Press FUNCTION and BOOK.

Press OK.

Press BOOK until the message above appears.

Press OK.

Press BOOK until blank (for new entry) or the desired item (for edition) is displayed.

Press OK.

Press OK.

Press OK.

Press OK.

Press CANCEL.

- *1 To enter characters, see page 5-22.
- *2 To change the number, press the CLEAR button to clear a digit from the right, and enter the number again.
- To move the cursor on the number, press the # (to the left) or × (to the right) button.
**Operation**

- **To delete a PS Dialling / PBX Station Speed Dialling Directory item**

  1. Press **FUNCTION** and **BOOK**.
  2. Press **OK**.
  3. Press **BOOK** until the message above appears.
  4. Press **OK**.

  **Example**

<table>
<thead>
<tr>
<th>MODIFIED BOOK</th>
<th>PS-NEW-ENTRY</th>
<th>PS-DELETE</th>
<th>PBX-STA-DELETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ann Parker</td>
<td>0111111111</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

  5. Press **BOOK** until the desired item is displayed.
  6. Press **OK**.
  7. Press **CANCEL**.

---

![Diagram showing the steps to delete a PS Dialling / PBX Station Speed Dialling Directory item](image-url)
Making calls using the Call Directories

There are four displays for directory dialling as shown below.

Display sequence for Call Directory dialling

- These displays will not appear when registered to a non-Panasonic Digital Super Hybrid System or when out of range. In this case, the directory item appears after pressing the BOOK button.
- You can transfer a call to a number stored in the directory. In this case, press the TRANSFER button during a conversation and then dial by selecting the directory item.

PS

- To enter characters, see page 5-22.
- You can lock the Call Directories to prevent other people from seeing the directory display. When locked, “DIRECTORY LOCK” will be displayed after pressing the BOOK button.

Customising Your PS

- PS Programming — To change the initial settings
  – Directory Lock Control
    Lock or unlock the Call Directories.
**Entering characters**

When storing a name or message, enter the characters as follows. The table below shows you the characters available for each key. You can enter letters by pressing the alphanumeric keys on your telephone. Example: Key 2 can enter A, a, B, b, C or c.

- To erase the each letter from the right, press the CLEAR button.
- To move the cursor, press the # (to the left) or * (to the right) button.

### Combination Table

<table>
<thead>
<tr>
<th>Keys</th>
<th>Display sequence by pressing the key</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ä ä Ö ö Ü ü 1</td>
</tr>
<tr>
<td>2</td>
<td>A a B b C c 2</td>
</tr>
<tr>
<td>3</td>
<td>D d E e F f 3</td>
</tr>
<tr>
<td>4</td>
<td>G g H h I i 4</td>
</tr>
<tr>
<td>5</td>
<td>J j K k L l 5</td>
</tr>
<tr>
<td>6</td>
<td>M m N n O o 6</td>
</tr>
<tr>
<td>7</td>
<td>P p Q q R r S s 7</td>
</tr>
<tr>
<td>8</td>
<td>T t U u V v 8</td>
</tr>
<tr>
<td>9</td>
<td>W w X x Y y Z z 9</td>
</tr>
<tr>
<td>0</td>
<td>(space) . : / – ( ) 0</td>
</tr>
<tr>
<td>*</td>
<td>Moves the cursor to the left</td>
</tr>
<tr>
<td>#</td>
<td>Moves the cursor to the right</td>
</tr>
</tbody>
</table>

<Example> To enter "Ann",

<table>
<thead>
<tr>
<th>A</th>
<th>n</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABC 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Using Your PS in Parallel with the Wired Telephone
(Super EXtra Device Ports [SXDP])

Your PS can be used in parallel with a proprietary wired (PT) or single line telephone (SLT). When in the SXDP mode, incoming calls to a wired telephone also reach the paired PS, while incoming calls to a PS only reach the PS. If one telephone is busy, you cannot make a call from the other telephone. The “Call Forwarding – All Calls” feature for the wired telephone can also be set from the paired PS so that all incoming calls to the wired telephone will be forwarded to the desired destination.

◆ To set

**PS**

Press TALK. Press 481. Enter extension number of the paired telephone. Press CANCEL.

◆ To cancel

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Press TALK. Press 480. Press CANCEL.

◆ To confirm the extension number of the paired telephone

**T7431**

Press TALK. Press 485. Press CANCEL.
Operation

◆ To set the “Call Forwarding – All Calls” for the paired telephone

**PS**

Press TALK. Press 4842. Enter destination extension number. Press CANCEL.

◆ To cancel the “Call Forwarding – All Calls” for the paired telephone

**T7431**

Press TALK. Press 4840. Press CANCEL.

• The Outgoing Call Log memory can be used by both the PS and paired telephone.
• Some wired telephones are restricted to perform this feature.
Locking the Keypads

Incoming calls can be answered, but outgoing calls cannot be dialled.

◆ To lock / unlock

**PS**

While on-hook

- Press **FUNCTION** for 2 seconds.

<When locked>

- KEYPAD LOCKED
- PRESS F FOR 2SEC

Press **FUNCTION** for 2 seconds.
Selecting the Feature Button on the Display

The following buttons can be activated using display operations.
- PAUSE Button
- FWD/DND Button
- MESSAGE Button
- CONF (Conference) Button
- TONE Button

Display sequence in “KEY” display

<Example>
To cancel the Do Not Disturb feature

PS

- Press TALK.
- Press FUNCTION.
- Press OK.
- Press BOOK until “FWD/DND” is displayed.
- Press OK.
- Press 0.
- Press CANCEL.

These buttons can also be activated using a combination of buttons. For descriptions and button combinations, refer to “Before Operating the DECT Portable Station – Button Descriptions”.

5-26 DECT Portable Station
### Other Operations

Most of the wired telephone features are also supported by a system with a DECT portable station (PS). For feature descriptions and details, refer to the respective features in Operation (Section 2).

<table>
<thead>
<tr>
<th>Desired Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Making Calls</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Calling</strong></td>
<td></td>
</tr>
<tr>
<td>To an operator (Operator Call)</td>
<td>Idle operator</td>
</tr>
<tr>
<td></td>
<td>Specific operator</td>
</tr>
<tr>
<td><strong>Easy Dialling</strong></td>
<td></td>
</tr>
<tr>
<td>With one touch button (One-Touch Dialling)</td>
<td></td>
</tr>
<tr>
<td>Using numbers stored at your extension</td>
<td>To store a phone number</td>
</tr>
<tr>
<td>(Station Speed Dialling)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Using numbers stored in the system</td>
<td>To store a phone number</td>
</tr>
<tr>
<td>(System Speed Dialling)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>To a pre-set party by going off-hook</td>
<td>To store a phone number</td>
</tr>
<tr>
<td>(Pickup Dialling)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Using a single digit number (Quick Dialling)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Redial</strong></td>
<td></td>
</tr>
<tr>
<td>Saving the number and redialling</td>
<td>To store During a conversation or while hearing a busy tone</td>
</tr>
<tr>
<td>(Saved Number Redial)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>When the Dialed Line is Busy or There is No Answer</td>
<td>To set While hearing a busy tone</td>
</tr>
<tr>
<td>Reserving a busy line (Automatic Callback Busy)</td>
<td>To answer a call-back ringing and call (outside call)</td>
</tr>
<tr>
<td></td>
<td>To answer a call-back ringing and call (intercom call)</td>
</tr>
</tbody>
</table>
# Operation

## Desired Function

### Making Calls

<table>
<thead>
<tr>
<th>Desired Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sending a call waiting tone (Busy Station Signalling [BSS])</td>
<td>While hearing a busy tone</td>
</tr>
<tr>
<td>Leaving a message waiting indication (Message Waiting)</td>
<td>To leave a message waiting indication when the called extension is busy or does not answer</td>
</tr>
<tr>
<td></td>
<td>To leave / cancel a message waiting indication</td>
</tr>
<tr>
<td></td>
<td>To call back</td>
</tr>
<tr>
<td></td>
<td>To clear all message waiting indications</td>
</tr>
<tr>
<td>Calling without Restrictions Using an account code (Account Code Entry)</td>
<td>While hearing the DND tone</td>
</tr>
<tr>
<td></td>
<td>To an extension refusing the call (DND Override)</td>
</tr>
<tr>
<td></td>
<td>Changing the dialling mode (Pulse to Tone Conversion)</td>
</tr>
<tr>
<td>Alternating the Calling Method (Alternate Calling – Ring / Voice)</td>
<td>Voice to ring calling or ring to voice calling</td>
</tr>
</tbody>
</table>

## Receiving Calls

<table>
<thead>
<tr>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answering a Call Ringing at Another Telephone (Call Pickup)</td>
</tr>
<tr>
<td>Answering a call via an External Speaker (Trunk Answer From Any Station [TAFAS])</td>
</tr>
<tr>
<td>Desired Function</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td><strong>During a Conversation</strong></td>
</tr>
<tr>
<td><strong>Holding a Call</strong></td>
</tr>
<tr>
<td>To park a call</td>
</tr>
<tr>
<td>To retrieving</td>
</tr>
<tr>
<td><strong>Talking to Two Parties Alternately</strong></td>
</tr>
<tr>
<td>When talking to one party while the other party is on hold</td>
</tr>
<tr>
<td>When either party is an outside party</td>
</tr>
<tr>
<td>When both parties are an extension party</td>
</tr>
<tr>
<td><strong>Transferring a Call</strong></td>
</tr>
<tr>
<td>To an extension</td>
</tr>
<tr>
<td>To an external party</td>
</tr>
<tr>
<td><strong>Answering a Call Waiting</strong></td>
</tr>
<tr>
<td>To talk to the new caller by terminating the current call</td>
</tr>
<tr>
<td>To talk to the new caller by holding the current call</td>
</tr>
<tr>
<td><strong>Three-party Conversation</strong></td>
</tr>
<tr>
<td>When you are talking with two extension or one extension party and one external party</td>
</tr>
<tr>
<td>When you are talking with two external parties (Unattended Conference)</td>
</tr>
<tr>
<td><strong>Saving a Number</strong></td>
</tr>
<tr>
<td>To store</td>
</tr>
<tr>
<td>To dial</td>
</tr>
</tbody>
</table>
### Operation

<table>
<thead>
<tr>
<th>Desired Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Before Leaving Your Desk</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Forwarding your Calls</strong></td>
<td>To set</td>
</tr>
<tr>
<td>(Call Forwarding)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>All Calls</td>
<td></td>
</tr>
<tr>
<td>Busy</td>
<td></td>
</tr>
<tr>
<td>No answer</td>
<td></td>
</tr>
<tr>
<td>Busy / No answer</td>
<td></td>
</tr>
<tr>
<td>To Outside Line</td>
<td></td>
</tr>
<tr>
<td>Follow Me</td>
<td></td>
</tr>
<tr>
<td>By ISDN Line</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>To cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Forwarding Calls from a Receiving Group</strong></td>
<td>To set</td>
</tr>
<tr>
<td>(Call Forwarding – from Hunting Group)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Forwarding group no.</td>
<td></td>
</tr>
<tr>
<td>extension no.</td>
<td></td>
</tr>
<tr>
<td>destination group or extension no.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Showing an Absent Message on the Caller’s Telephone Display</strong></td>
<td>To set</td>
</tr>
<tr>
<td>(Absent Message Capability)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>message no.</td>
<td></td>
</tr>
<tr>
<td>parameter (if required)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Preventing Other People from Using Your Telephone</strong></td>
<td>To set</td>
</tr>
<tr>
<td>(Electronic Station Lockout)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>desired code</td>
<td></td>
</tr>
<tr>
<td>same code</td>
<td></td>
</tr>
<tr>
<td>desired code</td>
<td></td>
</tr>
<tr>
<td>stored code</td>
<td></td>
</tr>
<tr>
<td>Lock</td>
<td></td>
</tr>
<tr>
<td>Unlock</td>
<td></td>
</tr>
</tbody>
</table>

5-30  DECT Portable Station
<table>
<thead>
<tr>
<th>Desired Function</th>
<th>Operation</th>
</tr>
</thead>
</table>
| Leaving a Call Distribution Group (Log-In / Log-Out)                             | For Log-In to specific group 1  
For Log-In to all groups  
For Log-Out from specific group 0  
For Log-Out from all groups 0 |

<table>
<thead>
<tr>
<th>Making / Answering an Announcement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Paging</td>
<td></td>
</tr>
<tr>
<td>All</td>
<td></td>
</tr>
<tr>
<td>External</td>
<td></td>
</tr>
<tr>
<td>Through a speaker and telephones</td>
<td></td>
</tr>
<tr>
<td>Group</td>
<td></td>
</tr>
</tbody>
</table>

| Paging a Person and Transferring a Call                                         |                                                                                          |
| Through a speaker and telephones                                                 |                                                                                          |
| Through a speaker and telephones                                                 |                                                                                          |

| Answering a Paged Announcement                                                   |                                                                                          |
| Through a speaker and telephones                                                 |                                                                                          |
| Through a speaker and telephones                                                 |                                                                                          |

| Setting the Telephone According to Your Needs                                    |                                                                                          |
| Setting the Alarm (Timed Reminder)                                               |                                                                                          |
| Refusing Incoming Calls (Do Not Disturb [DND])                                   |                                                                                          |
### Operation

<table>
<thead>
<tr>
<th>Desired Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Setting the Telephone According to Your Needs</strong></td>
<td></td>
</tr>
<tr>
<td>Refusing direct outside calls (DND for Direct Dialling In Calls)</td>
<td></td>
</tr>
<tr>
<td>Receiving a Call Waiting (Call Waiting)</td>
<td>To set / cancel</td>
</tr>
<tr>
<td>Displaying Your Number on the Called Party and Calling Party’s Telephone (Calling / Connected Line Identification Presentation [CLIP / COLP])</td>
<td>To show an identification number</td>
</tr>
<tr>
<td>Preventing Your Number Being Displayed on the Called Party’s Telephone (Calling Line Identification Restriction [CLIR])</td>
<td>To set / cancel</td>
</tr>
<tr>
<td>Preventing Your Number Being Displayed on the Calling Party’s Telephone (Connected Line Identification Restriction [COLR])</td>
<td></td>
</tr>
<tr>
<td>Denying Other People the Possibility of Picking up Your Calls (Call Pickup Deny)</td>
<td></td>
</tr>
<tr>
<td>Clearing the Feature Settings at Your Extension (Station Program Clear)</td>
<td></td>
</tr>
<tr>
<td>Day / Night Service Status [Pre-assigned extension user only]</td>
<td>Switching modes using the feature number</td>
</tr>
<tr>
<td>Desired Function</td>
<td>Operation</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>If a Doorphone / Door Opener is Connected</strong></td>
<td></td>
</tr>
<tr>
<td>To call the doorphone</td>
<td><img src="Diagram1.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>If a Doorphone / Door Opener is Connected</strong></td>
<td></td>
</tr>
<tr>
<td>Forwarding doorphone calls to outside parties</td>
<td><img src="Diagram2.png" alt="Diagram" /></td>
</tr>
<tr>
<td>(Doorphone Call Forwarding to Outside Line)</td>
<td></td>
</tr>
<tr>
<td><strong>Using User-supplied Equipment</strong></td>
<td></td>
</tr>
<tr>
<td>To set / cancel (at the extension receiving doophone calls)</td>
<td><img src="Diagram3.png" alt="Diagram" /></td>
</tr>
<tr>
<td>To store a phone number</td>
<td><img src="Diagram4.png" alt="Diagram" /></td>
</tr>
<tr>
<td>To clear the phone number</td>
<td><img src="Diagram5.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>Opening the door</strong></td>
<td></td>
</tr>
<tr>
<td>From a specified extension</td>
<td><img src="Diagram6.png" alt="Diagram" /></td>
</tr>
<tr>
<td>From any extension while talking to the doorphone</td>
<td><img src="Diagram7.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>If a Host PBX is Connected</strong></td>
<td></td>
</tr>
<tr>
<td>Accessing external services</td>
<td><img src="Diagram8.png" alt="Diagram" /></td>
</tr>
<tr>
<td>(External Feature Access)</td>
<td></td>
</tr>
<tr>
<td><strong>If a Voice Processing System is Connected</strong></td>
<td></td>
</tr>
<tr>
<td>Voice mail integration</td>
<td><img src="Diagram9.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>To forwarding your calls to a mailbox</strong></td>
<td></td>
</tr>
<tr>
<td>(Two-Way Transfer)</td>
<td></td>
</tr>
<tr>
<td>To record into your mailbox / To stop recording</td>
<td><img src="Diagram10.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>Recording a conversation</strong></td>
<td></td>
</tr>
<tr>
<td>(Two-Way Recording)</td>
<td></td>
</tr>
<tr>
<td>To record into another mailbox</td>
<td><img src="Diagram11.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>If a Voice Processing System is Connected</strong></td>
<td></td>
</tr>
<tr>
<td>Voice mail integration</td>
<td><img src="Diagram12.png" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>To listen to a stored message</strong></td>
<td></td>
</tr>
<tr>
<td>(Two-Way Transfer)</td>
<td></td>
</tr>
</tbody>
</table>
Customising Your PS

**Programming Information**

You can customise your telephone functions with your DECT portable station (PS).

**PS Programming**: You can change the initial settings according to your needs.

**PBX Programming**: You can enter into the proprietary wired telephone (PT) programming mode (Station Programming) and program several items for your PS.

There are three displays for programming as shown below.

Display sequence in “PROGRAMMING” display

*This display is used for PS registration and not displayed if the DECT System Lock is set. For details, consult your dealer.*
You may be required to enter a **PS Programming password** or a **DECT System Lock password** when entering the PS Programming mode. Depending on the password, the number of possible programming items changes for PS security reasons. There are three password levels:

- **Level 0**: A password is not required.
- **Level 1**: A PS Programming password is required.
- **Level 2**: A System Lock password is required.

After selecting the PS programming display, “ENTER PASSWORD” may be displayed. If not displayed, no password is required. The combinations of the passwords are as shown below.

<table>
<thead>
<tr>
<th>If DECT System Lock password is:</th>
<th>DISABLE</th>
<th>DISABLE</th>
<th>ENABLE</th>
<th>ENABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>If PS Programming password is:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System Lock password</td>
<td>Not required.</td>
<td>Not required.</td>
<td>Level 0 – 2 are possible.</td>
<td>Level 0 – 2 are possible.</td>
</tr>
<tr>
<td>PS Programming password</td>
<td>Not required.</td>
<td>Level 0 – 2 are possible.</td>
<td>Not required.</td>
<td>Level 0 – 1 are possible.</td>
</tr>
<tr>
<td>No password or If incorrect password</td>
<td>Level 0 – 2 are possible.</td>
<td>Level 0 is possible.</td>
<td>Level 0 – 1 are possible.</td>
<td>Level 0 is possible.</td>
</tr>
</tbody>
</table>
Customising Your PS

To set the PS Programming / DECT System Lock password

1. Press FUNCTION and then BOOK twice.
2. Press OK.
3. Press OK.
4. Press # or * until the display above appears.
5. Press BOOK to select “ENABLE”.
6. Enter password (4 digits).
7. Press OK.
8. Enter same password again.
9. Press OK.
10. Press CANCEL.

To cancel the PS Programming / DECT System Lock password

1. Press FUNCTION and then BOOK twice.
2. Press OK.
3. Enter password (4 digits).
4. Press OK.
5. Press BOOK to select “DISABLE”.
6. Press OK.
7. Press CANCEL.
To change the initial settings

Press FUNCTION and then BOOK twice.

Press OK.

Enter password (4 digits).

Press OK.

Press BOOK until the desired selection is displayed.

Press OK.

Press CANCEL.

**Display**

<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACKLIGHT = ON</td>
<td>Do you prefer the keypad backlight? (Keypad Backlight Mode Set)</td>
<td>No (OFF)</td>
</tr>
<tr>
<td>KEY TONE = ON</td>
<td>Do you prefer to hear the key tone (except during PBX Programming mode)? (Key Tone Set)</td>
<td>No (OFF)</td>
</tr>
<tr>
<td>RING PATTERN = 1</td>
<td>Which ringer pattern do you prefer in 6 patterns? (Ringer Pattern Selection)</td>
<td>Ringer pattern 1</td>
</tr>
<tr>
<td>VIBRATION &amp; RING = OFF</td>
<td>How do you receive a call?*1 (Vibration and Ring Type Selection)</td>
<td>Ring and vibrate at the same time (RING &amp; VIB)</td>
</tr>
</tbody>
</table>

*1* Vibrate for 9 seconds then ring (VIB→RING)

Not use the vibration and ring mode (OFF)
## Customising Your PS

<table>
<thead>
<tr>
<th>Display</th>
<th>Item</th>
<th>Selection</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANGUAGE = AUTO</td>
<td>Do you prefer to change the display language? (Display Language Selection)</td>
<td>☐ English  ☐ German  ☐ French  ☐ Italian  ☐ Spanish  ☐ Dutch  ☐ Auto (English)*2</td>
<td>0</td>
</tr>
<tr>
<td>DIRECTORY LOCK = OFF</td>
<td>Do you lock / unlock the Call Directories? (Directory Lock Control)</td>
<td>☐ lock (ON)  ☐ Unlock (OFF)</td>
<td>1</td>
</tr>
<tr>
<td>QUICK ANSWER = ON</td>
<td>Do you prefer to answer an incoming call by just lifting your ringing PS off the Charger? (Quick Answering Mode Set)</td>
<td>☐ No (OFF)  ☐ Yes (ON)</td>
<td>0</td>
</tr>
<tr>
<td>AUTO ANSWER = OFF</td>
<td>Do you prefer to answer a call without lifting your PS using the headset? (Automatic Answer Mode Set)</td>
<td>☐ No (OFF)  ☐ Answer all calls. (INT/CO)  ☐ Answer only intercom calls. (INT ONLY)</td>
<td>0</td>
</tr>
<tr>
<td>AUTO ANS DELAY = OFF</td>
<td>Select the number of rings before answering a call automatically when using the headset.*3 (Automatic Answer Delay Selection)</td>
<td>☐ 1 ring</td>
<td>0</td>
</tr>
<tr>
<td>ACCESS DECT-SYS = DECT-SYS1</td>
<td>Do you prefer to change the DECT system (1 through 4)?*4 (DECT System Selection)</td>
<td>☐ DECT System no.  ☐ AUTO (All connected terminals)  ☐ Your registered DECT system no.</td>
<td>2</td>
</tr>
<tr>
<td>STANDBY DISPLAY = OFF</td>
<td>Which standby display do you prefer?*5 (Standby Display Selection)</td>
<td>☐ Extension no. (EXT)  ☐ DECT system no. (DECT-SYS-NO.)  ☐ DECT system and extension no. (DECT-SYS-NO.&amp;EXT)</td>
<td>0</td>
</tr>
<tr>
<td>Display</td>
<td>Item</td>
<td>Selection</td>
<td>Level</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>DATE/TIME DISPLY</td>
<td>Which display do you prefer in the Standby mode?*5</td>
<td>Date (DATE)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(Date / Time Display Selection)</td>
<td>Date and time (TIME)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The following settings will be returned to their default settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Call log numbers*6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Ringer volume</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Receiver volume</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– PS Programming items</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(except: Selecting the DECT System; Cancelling the PS Registration;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Setting the PS Programming Password; Setting the DECT System Lock)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press the OK button after the display on the left appears.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Memory Clear)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCEL DECT-SYS</td>
<td>After cancelling the PS registration in System Programming,</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>= DECT-SYS1</td>
<td>cancel again by pressing the OK button after the display on the</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>left appears. For details, consult your dealer.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(PS Registration Cancellation)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GUIDANCE = OFF</td>
<td>Do you prefer the Guidance menu to help you operate your PS?*7</td>
<td>Yes (ON)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(Guidance Menu Set)</td>
<td>No (OFF)</td>
<td></td>
</tr>
<tr>
<td>PS PASSWORD = DISABLE</td>
<td>Do you prefer to use the PS Programming password?</td>
<td>Yes (ENABLE)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>(PS Programming Password Set)</td>
<td>No (DISABLE)</td>
<td></td>
</tr>
<tr>
<td>DECT-SYS LOCK = DISABLE</td>
<td>Do you prefer to use the DECT System Lock password?</td>
<td>Yes (ENABLE)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>(DECT System Lock Password Set)</td>
<td>No (DISABLE)</td>
<td></td>
</tr>
</tbody>
</table>

*1 If you set the ringer volume off or vibration mode using the Volume Control button, the PS doesn’t ring regardless of this setting.

*2 If you are connected to a Panasonic Digital Super Hybrid System while the default setting is still “AUTO”, the display language will depend on the setting of the system.

*3 The display of this item is only displayed when “Automatic Answer Mode Set” is set to “INT/CO” or “INT ONLY”.

*4 The display of this item is only displayed when more than two fixed terminals are connected.

*5 The display of this item is only displayed when your PS is registered to a Panasonic Digital Super Hybrid System and “ ” is displayed.

*6 Call log numbers are cleared only when your PS is registered to a system other than a Panasonic Digital Super Hybrid System.

*7 For the Guidance menu, some keys work differently from the normal use.

- **BOOK ( ) = NEXT**
- **OK ( ) = OK**
- **# ( ) = NEXT**
- ***( ) = PREV**
- **HOLD ( ) = BACK**
- **C ( ) = EXIT**
Customising Your PS

PBX Programming

You can enter into the proprietary wired telephone (PT) programming mode and program several items for your PS.
The available programs are listed below.

Initial Settings
Customising the Buttons
Charge Fee Management

Initial Settings

Press FUNCTION and then BOOK twice.

Follow programming input.

Press CANCEL.

<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which line do you prefer to seize when you go off-hook to make calls? (Preferred Line Assignment – Outgoing)</td>
<td>□ No line</td>
<td>1 1</td>
</tr>
<tr>
<td></td>
<td>□ An idle outside line</td>
<td>1 2</td>
</tr>
<tr>
<td></td>
<td>□ A pre-assigned outside line</td>
<td>1 3 Outside line no. (01–54)</td>
</tr>
<tr>
<td></td>
<td>□ The Intercom line</td>
<td>INT*</td>
</tr>
<tr>
<td>To clear the setting of the “Preferred Line Assignment – Outgoing”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To check your extension number</td>
<td></td>
<td>int 8</td>
</tr>
</tbody>
</table>
**Customising the Buttons**

You can change the flexible CO buttons to the following function buttons.

![Diagram of button customization process]

**Table of Function Buttons**

<table>
<thead>
<tr>
<th>Button</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loop-CO</td>
<td><img src="image" alt="Loop CO buttons" /></td>
</tr>
<tr>
<td>Group-CO</td>
<td><img src="image" alt="Group CO buttons" /></td>
</tr>
<tr>
<td>Single-CO</td>
<td><img src="image" alt="Single CO buttons" /></td>
</tr>
<tr>
<td>Direct Station Selection (DSS)</td>
<td><img src="image" alt="DSS buttons" /></td>
</tr>
<tr>
<td>One-Touch Dialling</td>
<td><img src="image" alt="One-Touch Dialling buttons" /></td>
</tr>
<tr>
<td>Message</td>
<td><img src="image" alt="Message buttons" /></td>
</tr>
<tr>
<td>FWD/DND (Forward/Do Not Disturb)</td>
<td><img src="image" alt="FWD/DND buttons" /></td>
</tr>
<tr>
<td>Save</td>
<td><img src="image" alt="Save buttons" /></td>
</tr>
<tr>
<td>Account</td>
<td><img src="image" alt="Account buttons" /></td>
</tr>
<tr>
<td>Conference</td>
<td><img src="image" alt="Conference buttons" /></td>
</tr>
<tr>
<td>Log-In/Log-Out</td>
<td><img src="image" alt="Log-In/Log-Out buttons" /></td>
</tr>
<tr>
<td>Voice Mail Transfer*2</td>
<td><img src="image" alt="Voice Mail Transfer buttons" /></td>
</tr>
<tr>
<td>Two-Way Record*2</td>
<td><img src="image" alt="Two-Way Record buttons" /></td>
</tr>
<tr>
<td>Two-Way Transfer*2</td>
<td><img src="image" alt="Two-Way Transfer buttons" /></td>
</tr>
<tr>
<td>One-Touch Dialling with Auto Hold</td>
<td><img src="image" alt="One-Touch Dialling with Auto Hold buttons" /></td>
</tr>
<tr>
<td>Terminate</td>
<td><img src="image" alt="Terminate buttons" /></td>
</tr>
</tbody>
</table>

*2 Requires programming input.
Customising Your PS

- “*”, “#”, FLASH, PAUSE, SECRET (Intercom) and — (Conference) can also be stored.
  - If you do not want to display the stored number, press the SECRET (Intercom) button before and after the numbers you wish to conceal.
  - If you store an external party’s number, you should first store a line access number (9, 81 to 88).
  - If you need to enter an account code, you can enter the specified account code before the line access number.

<Example>

<table>
<thead>
<tr>
<th>49</th>
<th>1234</th>
<th>#</th>
<th>9</th>
<th>123 4567</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account code feature no.</td>
<td>Account code</td>
<td>Account code delimiter</td>
<td>Automatic line access number</td>
<td>Phone number</td>
</tr>
</tbody>
</table>

- These buttons are used for the voice mail integration feature.
- To exit the mode at any time, press the CANCEL button.
**Charge Fee Management**

*pre-assigned extension only*

---

**PS**

Press **FUNCTION** and then **BOOK** twice.

- **OK**
- **OK**

**PROGRAMMING**

Press **OK**.

**PS-PROGRAM**

Press **BOOK**.

**PBX-PROGRAM**

Press **OK**.

**PT-PGM Mode**

Dial 8.

Enter **ID code** (4 digits).

Follow **programming input**.

Press **HOLD**.

Press **HOLD** again.

Press **CANCEL**.

---

<table>
<thead>
<tr>
<th>Item</th>
<th>Programming Input</th>
</tr>
</thead>
</table>
| Viewing, clearing or printing each extension charge, outside charge or account code charge. | 1 Extension no.  
| | 2 Outside line no. (01-54)  
| | 3 Account table no. (001-128)  
| Viewing | Clearing | Print out |
| Viewing | Clearing | Print out |
| Assigning an account code. | 4 Extension no.  
| | 5 Outside line no.  
| | 6 Account table no.  
| 7 New account no. (001-128)  
| Viewing | Clearing | Print out |

* You cannot print out the account code charge of the account table number (01) by SMDR.

---

**DECT Portable Station** 5-43
This chapter provides the Troubleshooting, Feature Number List, Directory, Tone List, Specifications and the Quick Reference Card for a Single Line Telephone. Check the Troubleshooting before consulting your dealer.
## Troubleshooting for wired telephones

<table>
<thead>
<tr>
<th>Problem</th>
<th>Remedy</th>
</tr>
</thead>
</table>
| The telephone does not work properly.                                  | • The wiring is wrong.  
  ➞ Check the wiring.  
• The system does not work properly.  
  ➞ Restart the system is required. Consult your dealer. |
| I cannot use the telephone.                                            | • The telephone is locked.  
  ➞ Unlock your telephone. (☞ P. 2-52, 3-3)  
• Your telephone is connected to an eXtra Device Port.  
  ➞ System programming is required. Consult your dealer. |
| Some features do not work.                                             | • System management may restrict certain features.  
  ➞ Consult your manager.  
• The feature numbers have changed.  
  ➞ Confirm the revised number and try again. |
| Even though following the manual instructions, none of the operations work when using a proprietary telephone. | • The Intercom line was not seized. The seized line, when going off-hook, was changed by personal setting. (☞ P. 4-2)  
  ➞ In the manual, going off-hook means an Intercom line is seized.  
  If the setting has been changed, press the INTERCOM button after going off-hook and follow the instructions. |
| The paralleled single line telephones do not ring.                    | • This is the default setting.  
  ➞ Change the setting to ring. (☞ P. 2-71) |
| The telephone does not work using the personal settings or with other settings. (One-touch dialling, forwarding destination, etc.) | • The extension line has been changed. The previous telephone’s settings have not be cleared.  
  ➞ Clear the settings and then programme your desired settings again. (☞ P. 2-73, 4-3, 4-6) |
| My proprietary telephone does not have a function button.             | • Some models do not have the function button.  
  ➞ Change a flexible button to the desired button. (☞ P. 4-4)  
  ➞ Enter the specified feature number instead of the function button. (☞ P. 2-2) |
| I cannot make an outside call.                                         | • The telephone is locked.  
  ➞ Unlock your telephone. (☞ P. 2-52, 3-3)  
• Toll restriction is activated.  
  ➞ Consult your manager or dealer.  
• An account code is required. (☞ P. 2-22, 4-7)  
• Another PBX is connected to your system.  
  ➞ A host PBX access code is required. (☞ P. 2-77)  
• Nothing was dialled within 10 seconds after going off-hook.  
  ➞ Hang up, off-hook and re-dial again. |
| A reorder tone is audible or “Restricted” is displayed.               | • The telephone is locked.  
  ➞ Unlock your telephone. (☞ P. 2-52, 3-3)  
• Toll restriction is activated.  
  ➞ Consult your manager or dealer.  
• An account code is required. (☞ P. 2-22, 4-7) |
<table>
<thead>
<tr>
<th>Problem</th>
<th>Remedy</th>
</tr>
</thead>
</table>
| I cannot make an outside call using the One-Touch Dialling button or   | • A line access number was not stored.  
  speed dialling.                                                         |   
  ➤ A line access number is required for outside calls. (☞ P. 2-9, 2-92, 4-4)                                                                                                                     |
| I cannot remember the feature numbers.                                 | ➤ Ask your dealer to change the feature numbers for easier use.  
                                                                                                 |   
  ➤ Store the feature numbers into the One-Touch Dialling buttons. (☞ P. 4-4)                                                                                                                      |
| Redialling does not function.                                           | • The stored number was more than 24 digits or an extension number. (☞ P. 2-15)                                                                                                                                 |
| I do not want to show my identification number to the calling or called | (☞ P. 2-68, 2-69)                                                                                                                                                                                                 |
| party’s telephone.                                                      |                                                                                                                                                                                                 |
| I want to show my identification number to the calling or called party’s | (☞ P. 2-67)                                                                                                                                                                                                 |
| telephone.                                                             |                                                                                                                                                                                                 |
| I cannot send a call waiting tone to the dialled extension.            | • The other party has not set the Call Waiting feature.  
  (☞ P. 2-17, 2-18, 2-38, 2-65)                                                                                                         |   
  • The other party has set Data Line Security.  
  ➤ Consult your dealer.                                                                                                                                 |
| I forgot the lock code / Live Call Screening Password.                 | ➤ Ask the Operator or manager to assist you. (☞ P. 3-3)                                                                                                                                               |
| The background music started suddenly.                                 | ➤ Turn off the music. (☞ P. 2-70, 3-7)                                                                                                                                                                |
| I do not want to display a number which is stored in memory.           | ➤ Conceal the number. (☞ P. 2-92, 4-5)                                                                                                                                                                |
| The display does not show the message described in the manual.         | • The telephone is not a Panasonic proprietary telephone.  
  (☞ This manual shows messages which appear only on Panasonic proprietary telephones (e.g. KX-T7436). (☞ P. 2-3) |
| I want to confirm my extension number and jack number.                 | (☞ P. 4-9)                                                                                                                                                                                                |
| The date and time are not correct.                                     | • Set the date and time by system programming. (☞ P. 4-14)                                                                                                                                              |
| The display is abnormal.                                               | • The lithium battery for memory back-up needs to be replaced.  
  ➤ Consult your dealer.                                                                                                                                                                             |
| I want to distinguish the tones.                                       | (☞ P. 4-3, 4-5)                                                                                                                                                                                            |
| I hear a warning tone from the telephone.                              | • The handset was off-hook in an idle status for an extended period of time.  
  ➤ Replace the handset.                                                                                                                                                                              |
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>The MESSAGE button light lit.</td>
<td>• Another extension left you a message waiting indication during you were on the phone or left your desk.</td>
</tr>
</tbody>
</table>
| “System Data Err 1” is displayed at the operator 1’s telephone. | • There is a wrong system data with back up RAM for master system.  
⇒ Consult your dealer. |
| “System Data Err 2” is displayed at the operator 1’s telephone. | • There is a wrong system data with back up RAM for slave system.  
⇒ Consult your dealer. |
| “Check Printer” is displayed at the operator 1’s telephone. | • The paper of the printer runs out or the printer is out-of-service.  
⇒ Consult your manager or dealer. |
| “System Link Down” is displayed at the operator 1’s telephone. | • System inter-connection is down.  
⇒ Consult your dealer. |
| A Power Failure occurred. | **When a power failure occurs...**  
The system and Panasonic proprietary telephones stop all functions. Specific single line telephones are automatically connected straight to specific CO lines. This provides CO line conversations between the single line telephone and the following CO lines:  

<table>
<thead>
<tr>
<th>KX-TD816</th>
<th>KX-TD1232</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO01</td>
<td>CO01</td>
</tr>
<tr>
<td>CO02</td>
<td>CO02</td>
</tr>
<tr>
<td>CO05</td>
<td>CO09</td>
</tr>
<tr>
<td></td>
<td>CO13</td>
</tr>
<tr>
<td></td>
<td>CO14</td>
</tr>
<tr>
<td></td>
<td>CO21</td>
</tr>
</tbody>
</table>

All intercom calls and features do not function.  
**When turning the power back on...**  
Your system restarts with the stored data automatically. Memory is protected by a pre-installed lithium battery. There is no memory loss except for Automatic Callback Busy (Reserving a busy line) and Held calls. |
## Troubleshooting for DECT Portable Station

<table>
<thead>
<tr>
<th>Problem</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>The PS does not work.</td>
<td>• The battery is empty.</td>
</tr>
<tr>
<td></td>
<td>Charge the batteries fully. (☞ P. 5-5)</td>
</tr>
<tr>
<td></td>
<td>• The PS has been cancelled or the PS has not been registered.</td>
</tr>
<tr>
<td></td>
<td>Consult your dealer.</td>
</tr>
<tr>
<td>The PS does not operate.</td>
<td>• The power switch is OFF.</td>
</tr>
<tr>
<td></td>
<td>Turn it ON. (☞ P. 5-7)</td>
</tr>
<tr>
<td>The PS does not ring.</td>
<td>• Ringer volume is set to OFF or VIBRATION.</td>
</tr>
<tr>
<td></td>
<td>Set to ring by pressing the Volume Control button. (☞ P. 5-7)</td>
</tr>
<tr>
<td></td>
<td>• The PS is out of range or the Cell Station (CS) is busy.</td>
</tr>
<tr>
<td></td>
<td>Move closer to the CS or try again later.</td>
</tr>
<tr>
<td></td>
<td>• The radio channel is busy or a radio communication error occurred.</td>
</tr>
<tr>
<td></td>
<td>Try again later.</td>
</tr>
<tr>
<td>You cannot dial.</td>
<td>• The number which you dialled is restricted by the system.</td>
</tr>
<tr>
<td></td>
<td>Consult your dealer.</td>
</tr>
<tr>
<td></td>
<td>• The key lock mode is set.</td>
</tr>
<tr>
<td></td>
<td>To cancel the mode, press the Function for about 2 seconds. (☞ P. 5-25)</td>
</tr>
<tr>
<td></td>
<td>• The radio channel is busy or a radio communication error occurred.</td>
</tr>
<tr>
<td></td>
<td>Try again later.</td>
</tr>
<tr>
<td>Static, sound cuts in/out, fades.</td>
<td>Set the PS and CS away from other electrical appliances.</td>
</tr>
<tr>
<td>Interference from other electrical units.</td>
<td>Move closer to the CS.</td>
</tr>
<tr>
<td>“CS Busy” is displayed.</td>
<td>• The radio channel is busy.</td>
</tr>
<tr>
<td></td>
<td>Try again later.</td>
</tr>
<tr>
<td>“FAULT” is displayed.</td>
<td>Consult your dealer.</td>
</tr>
<tr>
<td>“PS NO CONNECTED” is displayed.</td>
<td>• The power switch is set to OFF.</td>
</tr>
<tr>
<td></td>
<td>Turn it ON. (☞ P. 5-7)</td>
</tr>
<tr>
<td></td>
<td>• The PS is out of range.</td>
</tr>
<tr>
<td></td>
<td>Move closer to the CS.</td>
</tr>
<tr>
<td></td>
<td>• The radio channel is busy or a radio communication error occurred.</td>
</tr>
<tr>
<td></td>
<td>Try again later.</td>
</tr>
<tr>
<td>“REGISTER UNIT” is displayed.</td>
<td>• The PS is not registered in the system.</td>
</tr>
<tr>
<td></td>
<td>Consult your dealer.</td>
</tr>
<tr>
<td>“NO SERVICE” is displayed.</td>
<td>• The PS is out of range.</td>
</tr>
<tr>
<td></td>
<td>Move closer to the CS.</td>
</tr>
</tbody>
</table>
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>You cannot store a phone number and name in the directory.</td>
<td>• Your entry exceeds the maximum digits or characters.</td>
</tr>
<tr>
<td></td>
<td>• Do not pause for over 30 seconds while programming.</td>
</tr>
<tr>
<td>The alarm sounds after pressing the Redial button.</td>
<td>• A number is not saved in the Call Log.</td>
</tr>
<tr>
<td>“●” flashes or beeps tones sound every 5 seconds during a conversation.</td>
<td>• The battery is low.</td>
</tr>
<tr>
<td></td>
<td>➤ Charge the batteries fully. (☞ P. 5-5)</td>
</tr>
<tr>
<td>You charged the batteries fully, but “●” flashes.</td>
<td>➤ Clean the charge contacts and charge again.</td>
</tr>
<tr>
<td></td>
<td>➤ It is time to change the batteries. Please purchase new batteries.</td>
</tr>
<tr>
<td>The PS stops working during operation.</td>
<td>➤ Turn the power switch OFF and ON. Then try again.</td>
</tr>
<tr>
<td></td>
<td>(☞ P. 5-7)</td>
</tr>
<tr>
<td></td>
<td>➤ Re-insert the battery and try again.</td>
</tr>
<tr>
<td></td>
<td>(☞ P. 5-5)</td>
</tr>
<tr>
<td>Handover does not work.</td>
<td>• You moved to a busy CS or are out of range.</td>
</tr>
<tr>
<td></td>
<td>• You moved while not having a conversation (e.g., while hearing a busy tone).</td>
</tr>
<tr>
<td></td>
<td>• The radio channel is busy or a radio communication error occurred.</td>
</tr>
<tr>
<td>The display does not show a strong radio signal “ Mona” even though you were near the CS.</td>
<td>• Normally, the PS user can make a call even with a “ Mona” status. In this case, the current linked CS is still connected even though another CS is closer.</td>
</tr>
<tr>
<td>The alarm sounds during a conversation while receiving a weak radio signal “ ●”.</td>
<td>• The radio signal is weak.</td>
</tr>
<tr>
<td></td>
<td>➤ Move closer to the CS.</td>
</tr>
</tbody>
</table>
Numbers listed below are the default settings. There are flexible feature numbers and fixed feature numbers. If you change the flexible feature numbers, fill in your assigned numbers in the list for future reference.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Default</th>
<th>Assigned no.</th>
<th>Additional digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calling the operator</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automatic line access number / ARS</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outside line number</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calling a pre-set party by going off-hook / cancelling / storing</td>
<td>74</td>
<td>1 / 0 / 2+phone no.+#</td>
<td></td>
</tr>
<tr>
<td>Calling using the number stored at your extension</td>
<td>6 *</td>
<td>0-9</td>
<td></td>
</tr>
<tr>
<td>Storing the numbers</td>
<td>60</td>
<td>[0-9]+phone no.+#</td>
<td></td>
</tr>
<tr>
<td>Calling using the number stored in the system</td>
<td>*</td>
<td>000-499</td>
<td></td>
</tr>
<tr>
<td>Redialling the last phone number you dialed</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cancelling the reserving of a busy line</td>
<td>46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sending a call waiting tone</td>
<td>2</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Leaving a message waiting indication / cancelling / calling back / clear</td>
<td>70</td>
<td>1+ext. no. / 0+ext. no. / 2 / 0+your ext. no.</td>
<td></td>
</tr>
<tr>
<td>Joining an existing call</td>
<td>3</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>16th incoming call log is stored / disregarded</td>
<td>56</td>
<td>1 / 0</td>
<td></td>
</tr>
<tr>
<td>Picking up a call for someone else – outside call</td>
<td>4 *</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– group</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– direct</td>
<td>41</td>
<td>ext. no.</td>
<td></td>
</tr>
<tr>
<td>Holding or retrieving a call</td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retrieving from another extension – outside call</td>
<td>53</td>
<td>01-54</td>
<td></td>
</tr>
<tr>
<td>– intercom call</td>
<td>51</td>
<td>ext. no.</td>
<td></td>
</tr>
<tr>
<td>Holding in a system parking zone or retrieving</td>
<td>52</td>
<td>0-8</td>
<td></td>
</tr>
<tr>
<td>Paging or transferring and paging – all devices / all extensions / group</td>
<td>63</td>
<td>* / 00 / 01-16</td>
<td></td>
</tr>
<tr>
<td>– external speaker</td>
<td>62</td>
<td>1+4</td>
<td></td>
</tr>
<tr>
<td>Answering a paged announcement or an incoming call through the speaker</td>
<td>42</td>
<td>1-4</td>
<td></td>
</tr>
<tr>
<td>Answering the paged announcement through telephones</td>
<td>43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accessing external services</td>
<td>64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forwarding your call – All calls / Busy / No answer / Busy, No answer</td>
<td>710</td>
<td></td>
<td>[2 / 3 / 4 / 5]+ ext. no.</td>
</tr>
<tr>
<td>– to an external party</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– cancel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Follow Me/cancel</td>
<td></td>
<td></td>
<td>[7 / 8]+your ext. no.</td>
</tr>
</tbody>
</table>
## Feature Number List

<table>
<thead>
<tr>
<th>Feature</th>
<th>Default</th>
<th>Assigned no.</th>
<th>Additional digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refusing all calls (DND)</td>
<td>6</td>
<td>710</td>
<td>1+[ext. no. / 0 / □]</td>
</tr>
<tr>
<td>– forwarding to extension / operator / no backup station</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– cancelling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forwarding calls from a receiving group</td>
<td>7</td>
<td>714</td>
<td>1+forwarding group no.+destination group or ext. no. / 0+forwarding group no.</td>
</tr>
<tr>
<td>Refusing direct outside calls (DND or DDI) / cancelling</td>
<td>54</td>
<td></td>
<td>1 / □</td>
</tr>
<tr>
<td>Showing a message to the caller / cancelling</td>
<td>7</td>
<td>750</td>
<td>[1-9]+(parameter) / 0</td>
</tr>
<tr>
<td>Joining the call receiving group / leaving</td>
<td>45</td>
<td></td>
<td>[1 / 0]+[group no. or □ (all)]</td>
</tr>
<tr>
<td>Conference</td>
<td>3</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Calling with account codes</td>
<td>49</td>
<td>Fixed</td>
<td>code+[# or □□]</td>
</tr>
<tr>
<td>Temporary tone dialling</td>
<td>x #</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Dialling a DND extension</td>
<td>2</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Setting the alarm / cancelling / viewing</td>
<td>76</td>
<td></td>
<td>1+time+[0:AM / 1:PM]+0 / 1 / 2 / 3</td>
</tr>
<tr>
<td>Receiving or refusing a call waiting tone or voice no tone / tone / OHCA / whisper OHCA</td>
<td>731</td>
<td>0 / 1 / 2 / 3</td>
<td></td>
</tr>
<tr>
<td>Displaying your number on the called / calling party’s telephone</td>
<td></td>
<td>711</td>
<td>1 / 2</td>
</tr>
<tr>
<td>– showing a number assigned for an outside line / your extension</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– showing a desired number when making a particular call</td>
<td></td>
<td></td>
<td>3+desired no.+□</td>
</tr>
<tr>
<td>Preventing your number being displayed on the called party’s telephone / showing / changing the setting when making a particular call</td>
<td>59</td>
<td>2 / 0 / 1</td>
<td></td>
</tr>
<tr>
<td>Preventing your number being displayed on the calling party’s telephone / showing</td>
<td>58</td>
<td>1 / 0</td>
<td></td>
</tr>
<tr>
<td>Denying other people the possibility of</td>
<td>57</td>
<td></td>
<td>3 digit code twice / stored code</td>
</tr>
<tr>
<td>– seeing your call logs / allowing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– using your telephone / allowing</td>
<td>77</td>
<td></td>
<td>3 digit code twice / stored code</td>
</tr>
<tr>
<td>– picking up your calls / allowing</td>
<td>720</td>
<td></td>
<td>1 / 0</td>
</tr>
<tr>
<td>– paging through the speaker / allowing</td>
<td>721</td>
<td></td>
<td>1 / 0</td>
</tr>
<tr>
<td>Day / Night service confirmation</td>
<td>#</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Switching the display – day, month, time / day, month, year, day of the week</td>
<td>x</td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Paralleled telephones ring / do not ring</td>
<td>69</td>
<td></td>
<td>1 / 0</td>
</tr>
<tr>
<td>Feature</td>
<td>Default</td>
<td>Assigned no.</td>
<td>Additional digits</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>---------</td>
<td>--------------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>Switching the calling method (Ring / Voice)</td>
<td></td>
<td>Fixed</td>
<td></td>
</tr>
<tr>
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* : Operator only
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What is This Tone?

While on-hook
Ring Tones

Tone 1
- Incoming call from an external party
- An outside call is held for more than a specified time (default: 60 seconds).

Tone 2
- Incoming call from an extension
- An intercom call is held for more than a specified time (default: 60 seconds).

Tone 3
- Incoming call from a doorphone
- The pre-set alarm time has arrived.

Tone 4
- A reserved outside line or extension became idle.
- A caller is leaving a message in your mailbox (Live Call Screening-Private mode).

When going off-hook
Dial Tones

Tone 1
Normal

Tone 2
At least one feature has been changed from the default setting at your extension.

Tone 3
- The alarm is being answered.
- Enter an account code to turn off the tone.

Tone 4
Message waiting indication was received.
What is This Tone?

When you make calls

Busy Tone

CCBS Tone
The called party on an ISDN line is busy.

Reorder Tone
• The outside line you tried to seize is not assigned or denied.
• The wrong account code was entered.

Ringback Tone

Do Not Disturb Tone
The dialed extension is refusing incoming calls.

While off-hooking

Indication Tones

Tone 1
Call Waiting tone (default)

Tone 2
Call Waiting tone from outside

Tone 3
Call Waiting tone from another extension

Tone 4
A call is held for more than a specified time (default: 60 seconds).

When talking to an external party

Warning Tone
This tone is sent 15, 10 and 5 seconds before the time limit.
When setting the features or programming

Confirmation Tones

**Tone 1**
- Set/cancel to deny other people the possibility of using your phone.
- The new setting differs from the previous setting by personal programming.
- Completing the system programming.

**Tone 2**
- The feature setting was completed successfully.
- Before paging through an external speaker
- The new setting is same as the previous setting by personal programming.

**Tone 3**
Before performing the following features:
- Retrieving a held call
- Picking up another call
- Paging/Answering a paged announcement
- Answering the call through a speaker

**Tone 4**
Establishing or leaving a three-party conversation
Specifications

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<td>Outside lines</td>
<td>0</td>
</tr>
<tr>
<td>Wired extension</td>
<td>16</td>
</tr>
<tr>
<td>Wireless extension*</td>
<td>0</td>
</tr>
<tr>
<td>(Extension lines with XDP/SXDP)</td>
<td>32</td>
</tr>
</tbody>
</table>

*This is the maximum number of DECT portable stations that you can register.

| Power Supplies | 
| Primary | 230 VAC, 50 Hz |
| Secondary | Station Supply Volt: 30V |
|            | Circuit Volt: ± 5V, ± 15V |
| Power Failure | • Memory backup duration: seven years with a factory-provided lithium battery |
|            | • 3 outside lines max. for KX-TD816 and 6 outside lines max. for KX-TD1232 automatically assigned to specific single line telephone (Power Failure Transfer) |
|            | • System operation for about three hours using recommended batteries (consisting of two 12 VDC car batteries). |

| Dialling | 
| Outward/Internal Mode Conversion | Dial Pulse (DP) 10 pps, Tone (DTMF) Dialling |
|          | DP-DTMF, DTMF-DP |

| SMDR (Station Message Detail Recording) | 
| Interface | Serial Interface (RS-232C) |
| Output Equipment | Printer |
| Detail Recording | Date, Time, Extension Number, Outside Line Number, Dialed Number, Ring Duration, Call Duration, Account Code, Charge Fee |

Characteristics

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Number of Station Instruments per Line</td>
<td>1 or 2 by Parallel or eXtra Device Port Connection</td>
</tr>
<tr>
<td>Ring Voltage</td>
<td>65 Vrms at 32 Hz depending on the ringing load</td>
</tr>
<tr>
<td>Environmental Requirements</td>
<td>0 – 40 °C, 10 – 90% relative humidity</td>
</tr>
</tbody>
</table>
Quick Reference Card
To Make Calls
- Intercom: Ext. no.
- Operator: 0
- External Party: [0] or [81-88] + Phone no.
- Station Speed Dialling: [0] + No. 0-9
- System Speed Dialling: [X] + No. 000-499
- Doorphone: [01] + Doorphone no.

When a Line is Busy
- Reserving a busy line: [0]
- Sending a call waiting tone: [2]
- Redialling the last dialled number: [#]

To Pick Up Someone’s Call
- Outside Call: [0] [X]
- Specified Extension: [0] + Ext. no.
- Extension Group: [0] [0]

During a Conversation
- Holding: [Recall] + [0] + [Recall]
- Retrieving: [Recall] + [0] [0]
- Transferring: [Recall] + [Dial no]
- Answering Call Waiting: [Recall] + [0] + [Recall]

Quick Reference Card
To Make Calls
- Intercom: Ext. no.
- Operator: 0
- External Party: [0] or [81-88] + Phone no.
- Station Speed Dialling: [0] + No. 0-9
- System Speed Dialling: [X] + No. 000-499
- Doorphone: [01] + Doorphone no.

When a Line is Busy
- Reserving a busy line: [0]
- Sending a call waiting tone: [2]
- Redialling the last dialled number: [#]

To Pick Up Someone’s Call
- Outside Call: [0] [X]
- Specified Extension: [0] + Ext. no.
- Extension Group: [0] [0]

During a Conversation
- Holding: [Recall] + [0] [0] + [Recall]
- Retrieving: [Recall] + [0] [0]
- Transferring: [Recall] + [Dial no]
- Answering Call Waiting: [Recall] + [0] + [Recall]
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<thead>
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<th>Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lock:</strong> +3 digit desired code + same code</td>
<td><strong>Storing the number for Station Speed Dialling:</strong> + No. 0-9 + Line no. 9 or 81-88 + Phone no. + #</td>
</tr>
<tr>
<td><strong>Unlock:</strong> Stored code</td>
<td><strong>Call Waiting:</strong> — Set: 7 3 1 1 — Cancel: 7 3 1 0</td>
</tr>
</tbody>
</table>

**Frequently Used Features at Your Extension**

**Frequently Used Features at Your Extension**
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**Names and Locations of the KX-T7436**

- **Function**
- **FWD/DND**
- **CONF**
- **INTERCOM**
- **REDIAL**
- **HOLD**
- **SP-PHONE**
- **Microphone**
- **Display**
- **SHIFT**
- **Soft**
- **Flexible CO**
- **TRANSFER**
- **PAUSE**
- **PROGRAM**
- **MESSAGE**
- **AUTO DIAL / STORE**
- **AUTO ANSWER / MUTE**
- **FLASH**
- **AUTO DIAL / STORE**
- **PROGRAM**

**Icons**

- **Conditions**
- **Hints**
- **Related Programming Title or Programming steps.**
- **Not available for a single line telephone.**
- **Off-hook.**
- **On-hook.**

**Press the Call button on the Doorphone.**

**Press the Recall button on a single line telephone.**

**Wait for an answer.**

**Talk.**

**You will hear a confirmation, dial or ring tone.**

- C. Tone: confirmation tone
- D. Tone: dial tone
- R. Tone: ring tone
To expand the sub-menu, left click the mouse on the symbol, located to the left of the selected text.

▷ for version 3 Adobe Reader

➕ for version 4 Adobe Reader

Warning
This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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