

Panasonic

Digital Super Hybrid System

KX-TD1232AL

User Manual Addendum

In this manual, the last letter “AL” of each model number is omitted.

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Simple Guide on How to Use this Manual

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As section 3 User Programming (Manager Programming) has been added, the other sections have been shifted. For example “Section 3 DPT Features” has become “Section 4 DPT Features”.

1.1

Configuration

Flexible Buttons

Flexible Buttons do not have specific features permanently assigned to them; features are assigned to Flexible Buttons through System or Station Programming. “Flexible Button Assignment” is addressed in Station Programming (Section 2). The three types of Flexible Buttons are as follows:

- **Flexible CO buttons** (located on a DPT only)
- **Flexible DSS buttons** (located on a DSS Console only)
- **Programmable Feature (PF)** (located on a DSS Console only)

The following table outlines the features that can be assigned to Flexible Buttons:

Feature (Buttons)	CO	DSS	PF
Single-CO (S-CO)	✓	—	—
Group-CO (G-CO)	✓	—	—
Loop-CO (L-CO)	✓	—	—
Alert	✓	—	—
Hurry-Up	✓	—	—
Live Call Screening (LCS) [†]	✓	—	—
LCS Cancel [†]	✓	—	—
Log-In / Log-Out	✓	—	—
Direct Station Selection (DSS)	✓	✓	—
Message Waiting (MESSAGE)	✓	✓	—
Night	✓	✓	—
Phantom	✓	✓	—
Two-Way Record [†]	✓	✓	—
Two-Way Transfer [†]	✓	✓	—
Account	✓	✓	✓
Conference (CONF)	✓	✓	✓
FWD/DND	✓	✓	✓
One-Touch Dialing	✓	✓	✓
One-Touch Dialing with Auto Hold	✓	✓	✓
SAVE	✓	✓	✓
Terminate	✓	✓	✓
Voice Mail (VM) Transfer	✓	✓	✓

In the list, “✓” indicates that the feature can be assigned to the button.

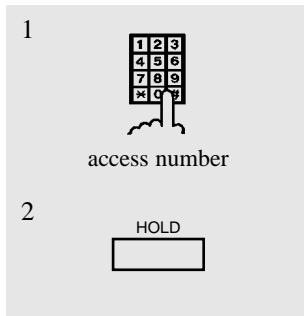
[†]: Available when the Digital Super Hybrid System is connected to a Proprietary Telephone capable Panasonic Voice Processing System (one that supports proprietary telephone integration; e.g. KX-TVP100).

2.1

Programming Instructions

To confirm the assigned function data

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Enter the **programming access number*** (0 through 9, 01 through 03, *1 and #).

- Each number corresponds to the data as follows:
 - 1: Preferred Line Assignment — Outgoing
 - 2: Preferred Line Assignment — Incoming
 - 3: Full One-Touch Dialing Assignment
 - 4: Intercom Alerting Assignment
 - 5: Call Waiting Tone Type Assignment
 - 6: Self-Extension Number Confirmation
 - 8: Charge Fee Reference
 - 9: Handset/Headset Selection
 - 01: Remote Station lock Control (— Operator only)
 - 02: CO Incoming Call Information Log Lock Clear (— Operator only)
 - 03: Live Call Screening Password Control† (— Operator only)
 - #: Station Programming Data Default Set
 - *1: Live Call Screening Mode Setting†
- The display shows the programmed data.

<Example>

When you press [5], the display shows:

C.W. Tone 1

(— Call Waiting tone is now programmed to Tone 1)

2. Press the **HOLD** (END) button.

- The display shows the initial programming mode.

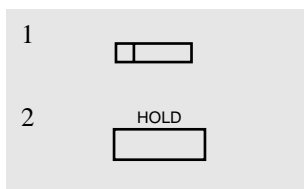
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— If you wish to change the data, follow the programming procedure explained in this section.

* A **programming access number** is required to program/confirm the function data by Station Programming.

To confirm the assigned data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS, PF) button.

- The display shows the current status.

2. Press the **HOLD** (END) button.

- The display shows the initial programming mode.

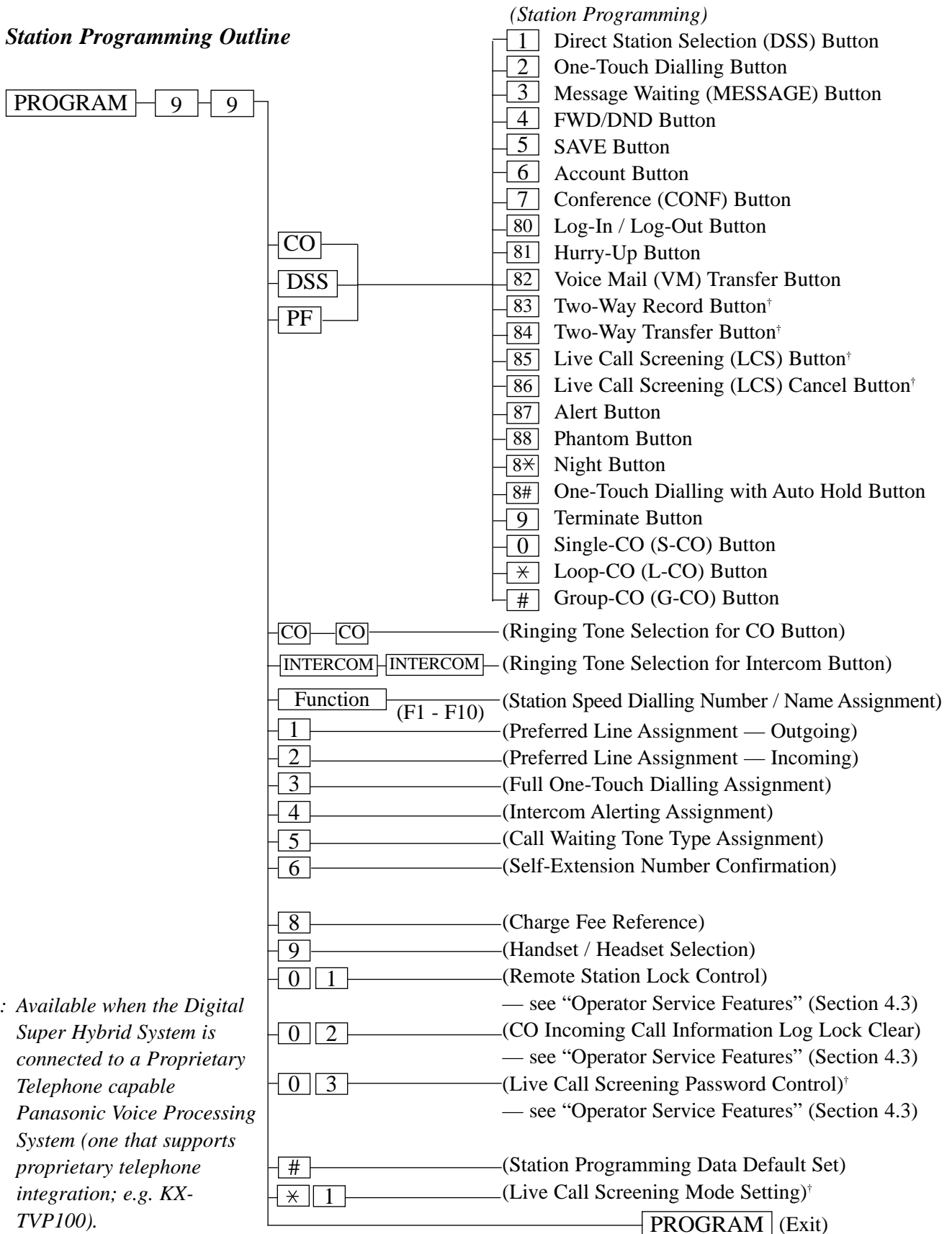
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— If you wish to change the data, follow the programming procedure explained in this section.

2.1

Programming Instructions

Station Programming Outline



[†]: Available when the Digital Super Hybrid System is connected to a Proprietary Telephone capable Panasonic Voice Processing System (one that supports proprietary telephone integration; e.g. KX-TVP100).

Charge Fee Reference

Allows you to see, print out and clear charges. Charges are displayed per extension, CO line, account code, department code, or the total of each can be referred to. There are seven corresponding features as follows:

[PROGRAM]—[99]—[8]—[ID Code]—

- [1] Extension Charge Fee Reference
- [2] CO Line Charge Fee Reference
- [3] Total Extension Charge Fee Reference
- [4] Account Code Charge Fee Reference
- [6] All Clear
- [7] Print the Charge Fee
- [8] Account Code Set

Conditions

- System Programming determines the extension that can see charges.
- An identification code (ID code), set by System Programming, is required to see charges.
- The first display format – METER or CHARGE (AS\$) – is selected by System Programming. This can be switched manually at each extension.
- You may use the overlay while programming. In this case, the HOLD button becomes the END button and the REDIAL button becomes the PREV button.
- The currency denomination is programmable by System Programming.
- If a different rate is assigned to each CO line, the extension charge fee, account code charge fee and total extension charge fee meters will not be displayed correctly. In this case, the meter is calculated by the rate assigned to CO1 and is displayed.

Programming References

- System Programming —Installation Manual & Installation Manual Addendum
 - [015] Charge Rate Fractional Point Assignment
 - [016] Charge Rate Assignment
 - [117] Charge Display Selection
 - [118] Charge Verification Assignment
 - [119] Charge Verification ID Code Set
 - [125] Assignment of Denomination

2.2

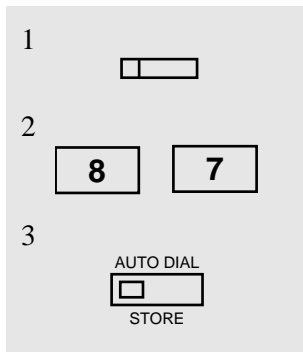
Programming

Flexible Button Assignment

Alert Button (Assignment)

Allows you to assign a Flexible (CO) button as an Alert button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



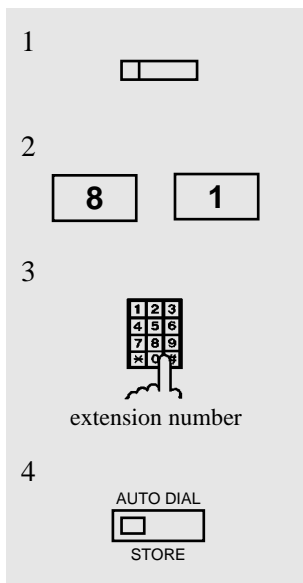
1. Press the desired **Flexible (CO)** button which you wish to assign as an Alert button.
2. Dial **87**.
3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

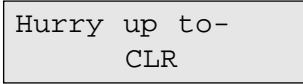
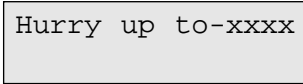
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Hurry-Up Button (Assignment)

Allows you to assign a Flexible (CO) button as the Hurry-Up button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible (CO)** button which you wish to assign as the Hurry-Up button.
2. Dial **81**.
 - The display shows:

3. Enter the **extension number** (2 digits through 4 digits).
 - The display shows:
 (— xxxx: extension number)
4. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2

Programming

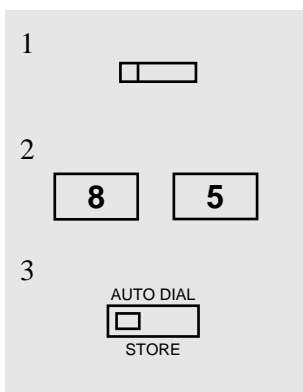
Conditions


- You cannot enter a non-existent extension number.
- Hurry-Up button can be used only by the operator.

Live Call Screening (LCS) Button (Assignment)[†]

Allows you to assign a Flexible (CO) button as a Live Call Screening button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



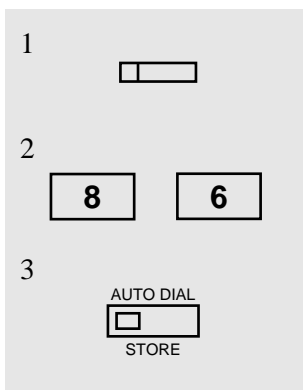
1. Press the desired **Flexible** (CO) button which you wish to assign as a Live Call Screening button.
2. Dial **85**.
 - The display shows:

3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

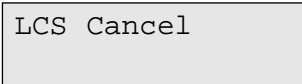
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Live Call Screening (LCS) Cancel Button (Assignment)[†]

Allows you to assign a Flexible (CO) button as a Live Call Screening Cancel button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO) button which you wish to assign as a Live Call Screening Cancel button.
2. Dial **86**.
 - The display shows:

3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

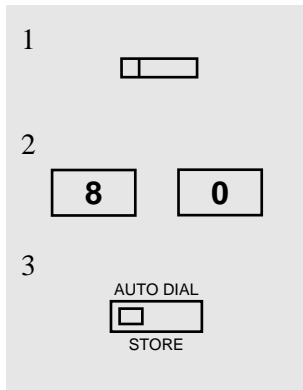
2.2

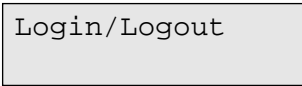
Programming

Log-In / Log-Out Button (Assignment)

Allows you to assign a Flexible (CO) button as the Log-In / Log-Out button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible** (CO) button which you wish to assign as the Log-In / Log-Out button.
2. Dial **80**.
 - The display shows:

3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

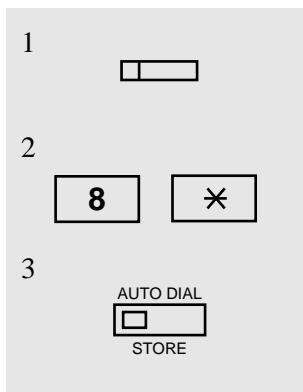
Night Button (Assignment)


Allows you to assign a Flexible (CO, DSS) button as a Night button.

Pressing the Night button allows you to switch between the day mode and night mode.

The button indicator turns on when the night mode is assigned and turns off when the day mode is assigned.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS) button you wish to assign as the Night button.
2. Dial **8 * .**
 - The display shows:

3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Condition

- “Class of Service ” programming determines the extensions that can perform this feature.

Programming References

- System Programming —Installation Manual & Installation Manual Addendum
[513] Night Service Access [601] Class of Service

2.2

Programming

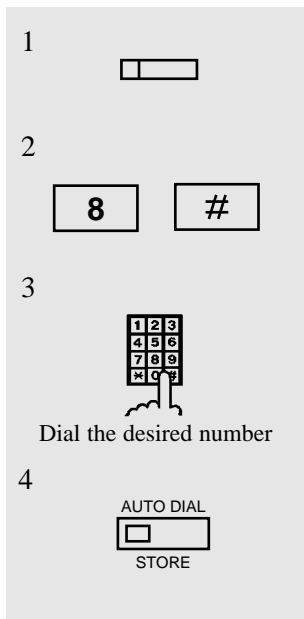
One-Touch Dialing with Auto Hold Button (Assignment)

Allows you to assign a Flexible (CO, DSS, PF) button as an One-Touch Dialing with Auto Hold button.

During a conversation, the call is put on hold and transferred to the assigned number.

You can make a call to the assigned number by pressing this button as well as pressing the One-Touch dialing button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

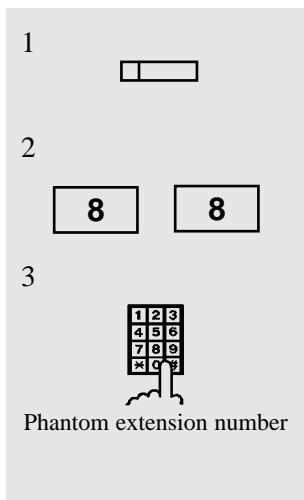


1. Press the desired **Flexible** (CO, DSS, PF) button you wish to assign as an One-Touch Dialing with Auto Hold button.
2. Dial **8#**.
3. Dial the **desired number**.
 - Up to 16 digits can be stored.
 - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
(The TRANSFER button becomes the CLEAR button when using the overlay.)
4. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

Phantom Button (Assignment)

Allows you to assign a Flexible (CO, DSS) button as the Phantom button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as the Phantom button.
2. Dial **88**.
 - The display shows:
3. Dial the **phantom extension number**.
 - The display shows:

EXT-
CLR

EXT-xxxx
CLR

(— xxxx: phantom extension number)

2.2

Programming

- To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
(The TRANSFER button becomes the CLEAR button while in the programming mode.)



4. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The phantom extension number must be assigned in program [130] “Phantom Extension Number Assignment” before assigning the Phantom button.
- A DSS button can be assigned as the Phantom button so that the operator can use it for transferring a call.
- If you assigned the Phantom button to one of the CO buttons (13 through 24) on your KX-T7230 telephone and change the telephone to a KX-T7235 model, you must re-program the setting as the KX-T7235 telephone has only 12 CO buttons. If you do not change the setting, the phantom extension call reaches the INTERCOM button.

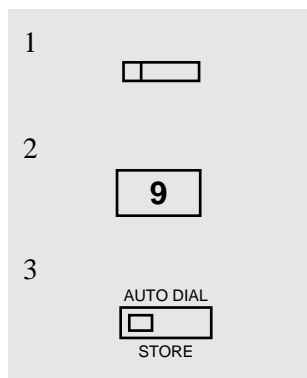
Programming References

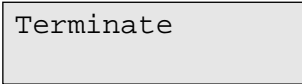
- System Programming — Installation Manual Addendum
[130] Phantom Extension

Terminate Button (Assignment)

Allows you to assign a Flexible (CO, DSS, PF) button as the Terminate button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS, PF) button which you wish to assign as the Terminate button.
2. Dial **9**.
 - The display shows:

3. Press the **STORE** button.
 - The STORE indicator light turns on.
 - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

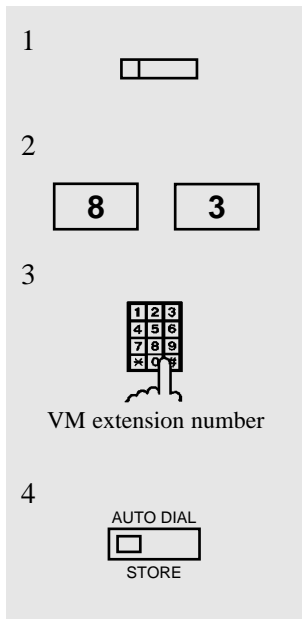
2.2

Programming

Two-Way Record Button (Assignment)[†]

Allows you to assign a Flexible (CO, DSS) button as a Two-Way Record button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as a Two-Way Record button.

2. Dial **83**.

- The display shows:

```
2 WAY-REC :  
CLR
```

3. Enter the **extension number** of the Voice Mail system.

- The display shows:

```
2 WAY-REC : xxxx    (— xxxx: VM extension number)  
CLR
```

- To erase the entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

(The TRANSFER (CLEAR) button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.

- The STORE indicator light turns on.
- The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You *cannot* enter a non-existent extension or a floating number.*
- The voice mail extension number is acceptable, if the number is assigned in program [127].

Programming References

- System Programming — Installation Manual Addendum
[127] Voice Mail Extension Number Assignment

* Floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension. Refer to the Installation Manual.

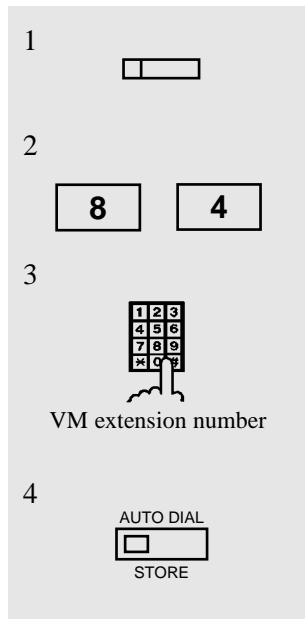
2.2

Programming

Two-Way Transfer Button (Assignment)[†]

Allows you to assign a Flexible (CO, DSS) button as a Two-Way Transfer button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible** (CO, DSS) button which you wish to assign as the Two-Way Transfer button.

2. Dial **84**.

- The display shows:

```
2 WAY-TRANS :  
CLR
```

3. Enter the **extension number** of the Voice Mail system.

- The display shows:

```
2 WAY-TRANS : xxxx    (— xxxx: VM extension number)  
CLR
```

- To erase the entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

(The TRANSFER (CLEAR) button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.

- The STORE indicator light turns on.
- The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You *cannot* enter a non-existent extension or a floating number.*
- The voice mail extension number is acceptable, if the number is assigned in program [127].

Programming References

- System Programming — Installation Manual Addendum
[127] Voice Mail Extension Number Assignment

* Floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension. Refer to the Installation Manual.

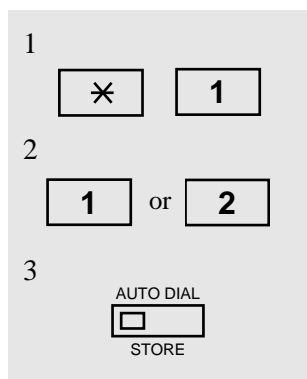
2.2

Programming

Live Call Screening Mode Setting†

Assigns whether an alert tone is sent (Private mode) or the recording message is monitored through the built-in speaker (Hands-free mode), while incoming callers are leaving a message.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial *1.

- The display shows the current status.

Hands-free

(— When Hands-free mode is selected)

Private

(— When Private mode is selected)

2. Dial 1 or 2.

- 1 : for selecting Hands-free mode
- 2 : for selecting Private mode

3. Press the **STORE** button.

- The STORE indicator light turns on.
- The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- Default is “Hands-free” mode.

2.2

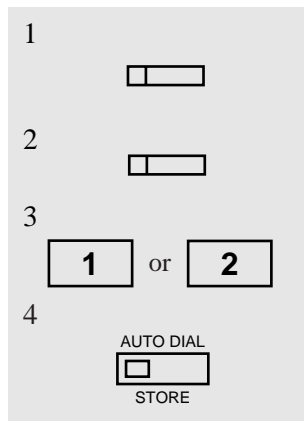
Programming

Phantom Extension Bell On/Off Setting

You can select whether or not the bell will ring when a call is received at a phantom extension.

Bell On/Off Setting

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Phantom** button.
2. Press the same **Phantom** button again.
3. Dial **1** or **2**.
 - 1 : Ring off
 - 2 : Ring on
4. Press the **STORE** button.
 - The STORE indicator light turns on.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

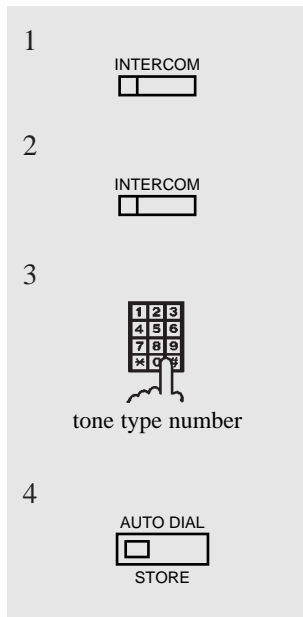
2.2

Programming

Ringling Tone Selection for the Intercom Button

Allows you to assign a ringer frequency to the intercom button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **INTERCOM** button which you wish to change the ringing tone.

2. Press the **INTERCOM** button again.

- The display shows the current status.

3. Enter the **tone type number** (1 through 8).

- The display shows the selected tone type number and you hear the selected tone until the STORE button is pressed.

Tone Type-x (— x: tone type number)

- If you want to change the tone type, enter another tone type number in succession.

4. Press the **STORE** button.

- The STORE indicator light turns on.
- The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Condition

- The default is Ringling Tone Type 2.

Section 3
User Programming
(Manager Programming)

Contents

3.1	Programming Instructions	26
	General Programming Instructions.....	26
	Programming Ways.....	29
3.2	User Programming (Manager Programming).....	31

3.1

Programming Instructions

General Programming Instructions

User Programming (Manager Programming) allows you, the proprietary telephone (PT) user, to program the following features of the system from your telephone individually.

- Date and Time Set
- System Speed Dialing Number Set
- System Speed Dialing Name Set
- Extension Number Set
- Extension Name Set
- Flexible CO Button Assignment
- Operator / Manager Extension Assignment – Day / Night
- DSS Console Port and Paired Telephone Assignment
- Absent Messages
- Quick Dial Number Set
- Budget Management
- Charge Margin and Tax Rate
- ISDN Extension Number Set
- ISDN Extension Name Set
- Budget Management on ISDN Port
- Charge Rate Fractional Point Assignment
- Charge Rate Assignment
- TD286 Extension Number Set
- TD286 Extension Name Set
- Budget Management on TD286 Port

To program, you need to switch your telephone to the User Programming mode. During the programming mode, your telephone is put in a busy condition to outside caller. If you want to make a normal call handling operation, you should finish the programming mode.

Default Setting

This system has a default factory setting. Any required changes can be written on “Programming Tables.”

Required Telephone Set

One of the following telephone sets is required for User Programming (Manager Programming):

- Proprietary Telephone (PT): KX-T7235, KX-T7230

Soft Buttons and SHIFT Button on the Display PT

Three soft buttons are provided just below the display on the display Proprietary Telephones (PT). The functions of these soft buttons vary as the programming procedures advance from step to step. Those functions that are currently assigned to the buttons are shown on the lower line of the display. If the **SHIFT** button indicator is on, two functions are available with each soft button. To alternate between the two functions, press the **SHIFT** button on the right side of the display.

3.1

Programming Instructions

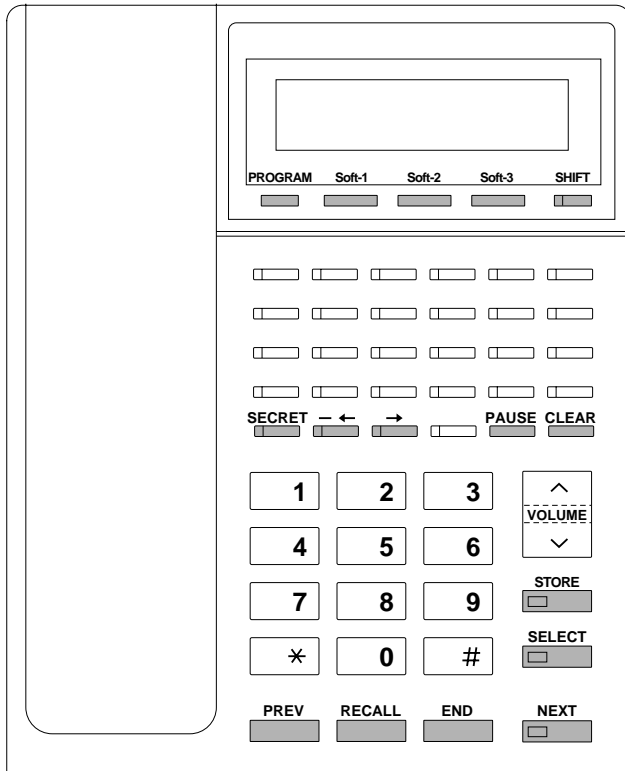
Using the Overlay

A programming overlay is packed with the main unit at the factory.

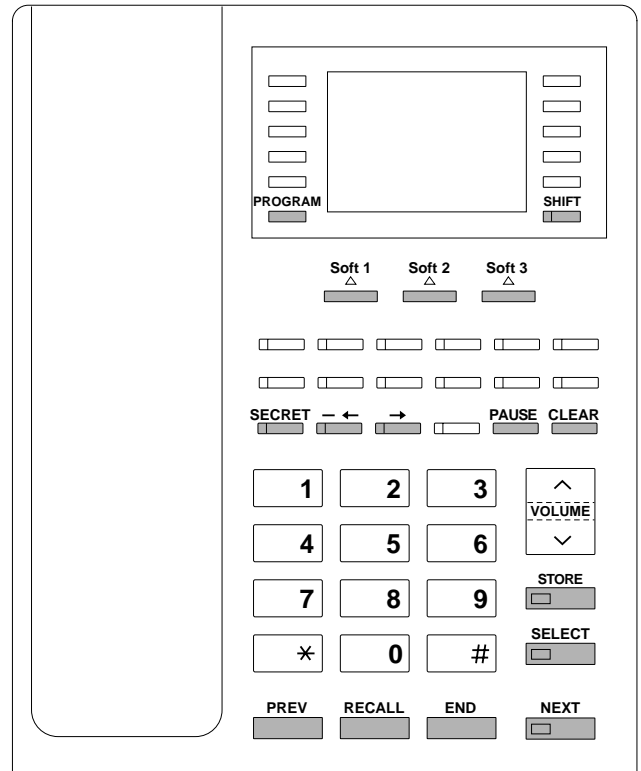
This overlay should be used at all times while in programming mode since the functions of the telephone keys change while in programming mode.

Location of Controls with the Overlay

The pictures below show the functions of the buttons of the KX-T7235 and KX-T7230 while in programming mode.



KX-T7230



KX-T7235

3.1

Programming Instructions

Before entering the programming mode

Before entering programming mode, confirm that:

- Your telephone is on-hook.
- No calls are on hold at your telephone.

Entering the programming mode

To enter the User Programming (Manager Programming) mode:

Press PROGRAM + * + * + User Password (default:1234)
--

- The display shows the Initial Message: USR-PGM NO?->

Notes:

- If nothing is entered in five seconds after the **PROGRAM** button is pressed, it is cancelled.
- During the programming mode, your extension is treated as a busy extension.
- Only one proprietary telephone can be in programming mode at any one time.
- The User Password is not shown on the display. The password can be changed by System Programming.

Programming References

- System Programming — Installation Manual
[120] User Password

In this section, programs [000] through [004] are described. Please refer to the Installation Manual or consult your dealer when you need to change the following programs:

- [005] Flexible CO Button Assignment
- [006] Operator / Manager Extension Assignment – Day / Night
- [007] DSS Console Port and Paired Telephone Assignment
- [008] Absent Messages
- [009] Quick Dial Number Set
- [010] Budget Management
- [011] Charge Margin and Tax Rate
- [012] ISDN Extension Number Set
- [013] ISDN Extension Name Set
- [014] Budget Management on ISDN Port
- [015] Charge Rate Fractional Point Assignment
- [016] Charge Rate Assignment
- [017] TD286 Extension Number Set
- [018] TD286 Extension Name Set
- [019] Budget Management on TD286 Port

3.1

Programming Instructions

Programming Ways

Advancing to the next stage

When “USR-PGM NO?->” is displayed, you can select one of the following:

- To go to program [000], press the **NEXT** button.
- To go to another program, enter the 3-digit program address.

Rotation of jack number

Each jack of our Digital Super Hybrid System supports the connection of a proprietary telephone and an analog device with different extension numbers (eXtra Device Port: XDP function).

To program this function it is necessary to assign two parts for each jack. The first part of jack one is 01-1. The second part of jack one is 01-2. The first part of jack two is 02-1 and so on. The **NEXT** and **PREV** buttons can be used to move from jack to jack as required.

Example;



Note:

The first part of a jack is for a PT of a XDP-assigned jack. The second part is for a single line device. Program [600] “EXtra Device Port” assigns which jacks are XDP.

Entering Characters

You can enter characters to store names for speed dial numbers, extension numbers, etc., by using the dialing key pad and the buttons.

Each of twelve dialing keys on the dialing key pad has seven characters assigned. Refer to the “Station Speed Dialing Number / Name Assignment (KX-T7235 only)” section in Section 2.2 Programming.

Storing your data

Press **STORE** to store your data.

- The **STORE** indicator lights red and confirmation tone sounds.

* Confirmation tone (one beep)

After pressing **STORE**, you will hear a beep. This informs you that your storage is completed.

*Alarm tone (three beeps)

If you hear the alarm, your entry is not valid.

3.1

Programming Instructions

Making another selection within the same program address

- To make the next higher selection, press **NEXT**.
- To make the previous selection, press **PREV**.
- To make a specific selection, press **SELECT** and then enter the number.

Going to another program address

After pressing **STORE**, you can go to another program with either of the following two methods:

- (1) • To go to the next larger program address:
Press **Soft 1 (SKP+)** or **VOLUME ∨ (DOWN)**.
- To go to the next smaller program address:
Press **SHIFT + Soft 1 (SKP-)** or **VOLUME ^ (UP)**.
- (2) To go to a specific program address:
Press **END**, then enter the program address.

Going back to the operation mode

There are two ways to go back to the operation mode:

- (1) Lift the handset while in programming mode.
- (2) When the Initial Message: **USR-PRG NO?->** is displayed, press the **PROGRAM** button.
(To display the Initial Message, press **END**.)

3.2 User Programming (Manager Programming) Date and Time Set

000

NOTICE

It is assumed that you have read Section 3.1 "General Programming Instructions." The use of the soft buttons is discussed in the section, therefore we will not make any reference to them in the following instructions. At any time the soft buttons can be used in place of the overlay keys.

Description

Sets the current data and time.

Selection

- Day: **1 through 31**
- Month: **Jan. through Dec.**
- Year: **00 through 99**
- Day of the week: **SUN / MON / TUE / WED / THU / FRI / SAT**
- Hour: **00 through 12**
- Minute: **00 through 59**
- **AM / PM**

Default

1 Jan '94 SAT 12:00 AM

Programming

1. Enter **000**.
Display: Day/Time Set
2. Press **NEXT**.
Display example: 1 Jan '94 SAT
3. Enter the **day**.
To change the current entry, press **CLEAR** and the new day.
4. Press **➡**.
5. Keep pressing **SELECT** until the desired month is displayed.
6. Press **➡**.
7. Enter the **year**.
To change the current entry, press **CLEAR** and the new year.
8. Press **➡**.
9. Keep pressing **SELECT** until the desired day of the week is displayed.
10. Press **STORE**.
11. Press **NEXT**.

Display example: 12:00 AM

12. Enter the **hour**.

To change the current entry, press **CLEAR** and the new hour.

13. Press **➡**.

14. Enter the **minute**.

To change the current entry, press **CLEAR** and the new minutes.

15. Press **➡**.

16. Press **SELECT** for AM or PM.

17. Press **STORE**.

18. Press **END**.

Conditions

- After changing an entry, you can press **STORE**. You do not have to perform all of the rest of the steps.
- To go back to the previous field, press **←** at steps 4 through 9 and steps 13 through 16.
- If you hear the alarm after pressing **STORE**, check that the date is valid.
- The clock starts immediately after the **STORE** button is pressed.
- You cannot leave the entry empty.
- The time is adjusted automatically, if the first outgoing call is made after three o'clock each morning.

Feature References

Installation Manual, Section 3, Features,
Display, Time and Date

3.2 User Programming (Manager Programming) System Speed Dialing Number Set

001

Description

Used to program the System Speed Dial numbers. These numbers are available to all extension users. The stored numbers are also applied to CO Incoming Call Information Display / Log features.

Selection

- Speed dial number: **000 through 499**
- Telephone number: **24 digits (max.)**

Default

All speed dial numbers – Not stored

Programming

1. Enter **001**.
Display: SPD Number Set
2. Press **NEXT**.
Display: SPD-Code?->
3. Enter a **speed dial number**.
To enter speed dial number 000, you can also press **NEXT**.
Display example: 000: Not Stored
4. Enter a **telephone number**.
To delete the current entry, press **CLEAR**.
To change the current entry, press **CLEAR** and the new number.
5. Press **STORE**.
6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.
7. Repeat steps 4 through 6.
8. Press **END**.

Conditions

- There is a maximum of 500 speed dial numbers. Each speed dial number has a maximum of 24 digits. The valid characters are **0 through 9, *, and # keys, RECALL, PAUSE, SECRET and – (hyphen) buttons**.
 - To store the register recall signal, press **RECALL**.

Note : The stored recall will be in effect only during an established call.

(Refer to the Installation Manual, Section 3 “External Feature Access.”)

- To store a hyphen, press the “-” button.
- To store a pause, press **PAUSE**.
(Refer to the Installation Manual, Section 3 “Pause Insertion, Automatic.”)
- To store the feature number to convert pulse signals to DTMF signals, press the * # keys.
(Refer to the Installation Manual, Section 3 “Pulse to Tone Conversion.”)
- To prevent the display of all or part of the number, press **SECRET** before and after confidential parts of the number. The **SECRET** button must always be entered in a pair. Or your entry is not stored.
(Refer to the Installation Manual, Section 3 “Secret Dialing.”)
- If you are storing an external number, include the line access code (default=9, 81 through 88) before the number. When dialing, a pause is automatically inserted after the code. If the programmed pause time (in program [412] “Pause Time”) is 1.5 or 2.5 seconds, it is required to store a pause manually after the line access code.
- If you are storing an account code, enter the account code before the line access code. (Refer to the Installation Manual, Section 3 “Account Code Entry.”)
- If you are storing a number for CO Incoming Call Information Display with name, enter “-” (hyphen) after the line access code. The system starts to compare the calling party’s number with the System Speed Dialing Number stored after “-.” Example : 9-12345678
(Refer to the Installation Manual, Section 3 “CO Incoming Call Information Display.”)
- It is possible to store a number consisting of 25 digits or more by storing it in two speed dial numbers. A line access code should not be stored in the second speed dial number.
- To go to another speed dial number at steps 3 through 6, press **SELECT** and start with step 3.
- To display parts of the number which have scrolled off the display, press **▶** or **◀**.
- Program [002] “System Speed Dialing Name Set” is used to give names to speed dial numbers.

Feature References

Installation Manual, Section 3, Features,
 CO Incoming Call Information Display
 CO Incoming Call Information Log
 Special Features for KX-T7235 — System Speed Dialing
 System Speed Dialing
 Toll Restriction for System Speed Dialing

3.2 User Programming (Manager Programming) System Speed Dialing Name Set

002

Description Assigns names to the system speed dial numbers assigned in program [001] “System Speed Dialing Number Set.” The KX-T7235 shows the stored name when performing System Speed Dialing. The stored names are applied to the CO Incoming Call Information Display / Log features.

Selection

- Speed dial number: **000 through 499**
- Name: **10 characters (max.)**

Default All speed dial numbers – Not stored

Programming

1. Enter **002**.
Display: SPD Name Set
2. Press **NEXT**.
Display: SPD Code?->
3. Enter a **speed dial number**.
To enter speed dial number 000, you can also press **NEXT**.
Display example: 000: Not Stored
4. Enter a **name**.
For entering characters, see Section 2.2 “Programming.”
To delete the current entry, press **CLEAR**.
To change the current entry, press **CLEAR** and the new name.
5. Press **STORE**.
6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.
7. Repeat steps 4 through 6.
8. Press **END**.

Conditions

- Speed dial numbers are programmed in program [001] “System Speed Dialing Number Set.”
- There is a maximum of 500 names. Each name has a maximum of 10 characters.

Feature References

Installation Manual, Section 3, Features,
CO Incoming Call Information Display
CO Incoming Call Information Log
Special Features for KX-T7235 — System Speed Dialing
System Speed Dialing

Description

Assigns an extension number to each extension.

Selection

- Jack number: **01 through 64 (-1 / -2)** (-1 = first part, -2 = second part)
- Extension Number: **2 through 4 digits**

Default

Jack 01-1 through 64-1 = 201 through 264;
Jack 01-2 through 64-2 = 301 through 364

Programming

1. Enter **003**.
Display: EXT Number Set
2. Press **NEXT**.
Display: Jack NO?->
3. Enter a **jack number**.
To enter jack number 01, you can also press **NEXT**.
To select the second part (-2), press **NEXT** after entering a jack number.
Display: #01-1:EXT201
4. Enter an **extension number**.
To change the current entry, press **CLEAR** and the new number.
5. Press **STORE**.
6. To program another jack, press **NEXT** or **PREV**, or **SELECT** and the desired **jack number**.
7. Repeat steps 4 through 6.
8. Press **END**.

Conditions

- There is a maximum of 128 extension numbers for KX-TD1232. Each extension number can be two, three, or four digits, consisting of **0 through 9**. The * and # keys cannot be used.
- Jack numbers 01 through 32 are for the Master System and 33 through 64 are for the Slave, if available.
- An extension number is invalid if the leading first or second digits disagree with the setting of the program [100] "Flexible Numbering, 1st through 16th hundred extension blocks." If one digit is assigned as the leading digit, some extensions have two digits and some have three digits. If two digits are assigned, some have three digits and some have four digits.

- Two extension numbers can be assigned per jack. If XDP is disabled for the jack in program [600] “EXtra Device Port,” the extension number of the second part (XX-2) is not available. (XX=jack number)
- For an explanation of jack numbering, see “Rotation of jack number” on page 29.
- Double entries or incompatible entries are invalid for programs [012] “ISDN Extension Number,” [127] “Voice Mail Extension Number Assignment,” and [813] “Floating Number Assignment.”
Valid entry examples: 10 and 11; 10 and 110. Invalid entry examples: 10 and 106; 210 and 21.
- Program [004] “Extension Name Set” is used to give names to extension numbers.

Feature References

Installation Manual, Section 3, Features,

Display, Call Information

EXtra Device Port (XDP)

Intercom Calling

Special Features for KX-T7235 — Extension Dialing

Description

Assigns names to the extension numbers programmed in program [003] “Extension Number Set.”

Selection

- Jack number: **01 through 64 (-1 / -2)** (-1 = first part, -2 = second part)
- Name: **10 characters (max.)**

Default

All jacks – Not stored

Programming

1. Enter **004**.

Display: EXT Name Set

2. Press **NEXT**.

Display: Jack NO?->

3. Enter a **jack number**.

To enter jack number 01, you can also press **NEXT**.

To select the second part (-2), press **NEXT** after entering a jack number.

Display: #01-1:Not Stored

4. Enter a **name**.

For entering characters, see “Station Speed Dialing Number/Name Assignment” in Section 2.2 “Programming.”

To delete the current entry, press **CLEAR**.

To change the current entry, press **CLEAR** and the new name.

5. Press **STORE**.

6. To program another jack, press **NEXT** or **PREV**, or **SELECT** and the desired **jack number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

- There is a maximum of 128 names for KX-TD1232. Each name has a maximum of 10 characters.
- Program [003] “Extension Number Set” is used to assign extension numbers.
- Jack numbers 01 through 32 are for the Master System and 33 through 64 are for the Slave, if available.
- For an explanation of jack numbering, see “Rotation of jack number” on page 29.

3.2 *User Programming (Manager Programming)* *Extension Name Set (contd.)*

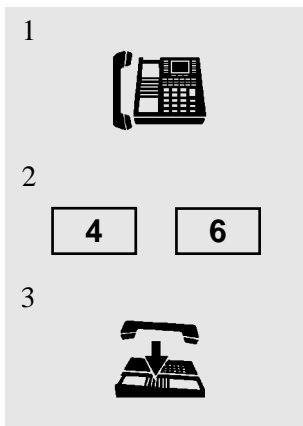
004

Feature References

Installation Manual, Section 3, Features,
Display, Call Information
Intercom Calling
Special Features for KX-T7235 — Extension Dialing

Automatic Callback Busy (Camp-On)

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Canceling

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (46).
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Programming References

- System Programming — Installation Manual Addendum
[100] Flexible Numbering, Automatic callback busy cancel

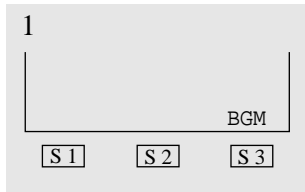
4.2 DPT Features

Background Music (BGM)

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

You can hear background music through the built-in speaker of the telephone.
An external music source, such as a radio, must be connected.
The music stops whenever a call comes in or when you lift the handset.

Soft Button Operation

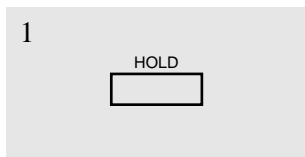


When the handset is on the cradle and the SP-PHONE button is off;

1. Press the **BGM** (S3) button.
 - To turn off the BGM, press this button again.

Standard Operation

Setting / Cancelling



When the handset is on the cradle and the SP-PHONE/MONITOR button is off;

1. Press the **HOLD** or **TRANSFER** button.
 - The display shows as following for five seconds depending on whether BGM is on or off:

BGM On

or

BGM Off

Condition

- You can also use the TRANSFER button to set or cancel the BGM feature.

Programming References

- System Programming — Installation Manual
 - [803] Music Source Use
 - [990] System Additional Information, Field (20)

Calling /Connected Line Identification Presentation (CLIP/COLP)

DPT (72**)			
20	30	35	50
	✓	✓	

Allows you to display the calling party's number on the LCD of the called party's telephone when making a call (CLIP), or allows you to display the called party's number on the LCD of the calling party's telephone when answering a call (COLP).

Condition

- The number sent to the other party is assigned by system programming.

Programming References

- System Programming – Installation Manual Addendum
 - [623] CLIP/COLP Number Assignment
 - [624] CLIP/COLP Number for ISDN Extension Assignment.

Feature References

Calling Line Identification Restriction (CLIR)
Connected Line Identification Restriction (COLR)

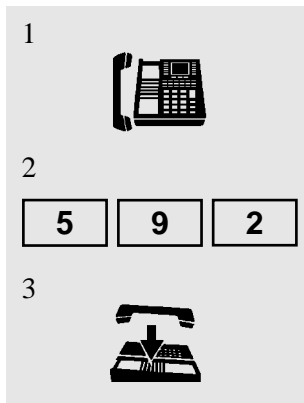
4.2 DPT Features

Calling Line Identification Restriction (CLIR)

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to restrict the presentation of your number to the called party when you make a call. You can set the called party to see your number on the display once or continuously. This feature is an ISDN service.

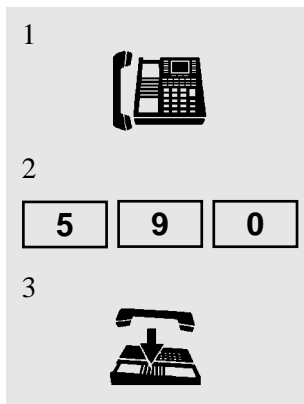
To restrict the presentation of your number to the called party



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (59) and **2**.
 - The display shows:

CLIR On
3. **Hang up** and press the **SP-PHONE/MONITOR** button.

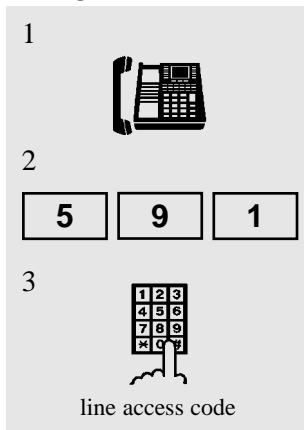
To present your number to the called party



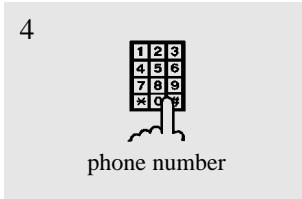
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (59) and **0**.
 - The display shows:

CLIR Off
3. **Hang up** and press the **SP-PHONE/MONITOR** button.

To change the current setting just for this call



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (59) and **1**.
3. Dial the **line access code** (9 or 81 through 88), or press a **CO** button.



4. Dial the **phone number**.

Programming References

- System Programming — Installation Manual Addendum
 - [100] Flexible Numbering, CLIR continue/once/cancel
 - [419] Subscriber Number Assignment
 - [516] Calling Line Identification Restriction

4.2 DPT Features

CO Incoming Call Information Display

DPT (72**)			
20	30	35	50
	✓	✓	

Provides you with incoming outside call information on an ISDN line provided with the CLIP feature*. You can also record the information.

Operation (— for KX-T7235)

When you receive a CO incoming call, the display shows one of the following.

F1	0111111111	F6
F2	JOHN WHITE	F7
F3	Extension STA Speed	F8
F4	Features SYS Speed	F9
F5	Call Log	F10
S1	S2	S3

- The caller's telephone number and name
- The CO line number and CO line name
- The called party's DDI number and name

1. Lift the **handset** or press the **SP-PHONE** button.

F1	CO 09 00: 01'30	F6
F2	Extension STA Speed	F7
F3	Features SYS Speed	F8
F4	Call Log	F9
F5	INFO LOG	F10
S1	S2	S3

- The display changes as shown to the left.
- If you want the normal display, press the **SHIFT** button. The button line of the display shows:

CONT EFA ACCNT

2. Press the **INFO** (S1) button if you want to see the caller's information.

F1	0111111111	F6
F2	JOHN WHITE	F7
F3	Extension STA Speed	F8
F4	Features SYS Speed	F9
F5	Call Log	F10
S1	S2	S3

- The display changes as shown to the left.

3. Press the **LOG** (S2) button if you want to record the information.

F1	0111111111	F6
F2	JOHN WHITE	F7
F3	Extension STA Speed	F8
F4	Features SYS Speed	F9
F5	Call Log	F10
S1	S2	S3

* The ISDN line with CLIP feature provides you with the caller's information, such as his/her name and telephone number, on the CO line assigned to receive ISDN service calls. Refer to the Added and Changed features for the Installation Manual.

Display Operation (— for KX-T7230)

Provides you with incoming outside call information on an ISDN line provided with the CLIP feature*. You can also record the information.

- The caller's telephone number and name
- The CO line number and CO line name
- The called party's DDI number and name

0111111111		
JOHN WHITE		
[S1]	[S2]	[S3]

CO 09	00: 01'30
INFO	LOG
[S1]	[S2]

CO 09	00: 00'30
INFO	LOG
[S1]	[S2]

JOHN WHITE	
	LOG
[S1]	[S2]

1. Lift the **handset** or press the **SP-PHONE** button.
 - The display changes as shown to the left.
 - If you want the normal display, press the SHIFT button. The button line of the display shows:

CONT	EFA	ACCNT
------	-----	-------

2. Press the **INFO (S1)** button if you want to see the caller's information.
 - The upper line of the display changes as follows (example):

0111111111	(caller's telephone number)
------------	-----------------------------



JOHN WHITE	(caller's name)
------------	-----------------

3. Press the **LOG(S2)** button if you want to record the information.

Conditions

- The SHIFT indicator light may turn on when receiving a call. Pressing this button provides you with more information about the caller.
- The displayed information is assigned by system programming.
- If a call is carried from the ISDN line, only the telephone number is sent to the system. The system provides the caller's name by comparing the number with the Speed Dialing Numbers and Names. If the Speed Dialing Number is not given a name, the name cannot be displayed.

Programming References

- User Programming (Manager Programming) (Section 3)
 - [001] System Speed Dialing Number Set
 - [002] System Speed Dialing Name Set
- System Programming — Installation Manual & Installation Manual Addendum
 - [001] System Speed Dialing Number Set
 - [002] System Speed Dialing Name Set
 - [622] Incoming Call Display

4.2 *DPT Features*

Feature References

CO Call Information Log
CO Incoming Call Information Log Lock
CO Incoming Call Information Log Mode

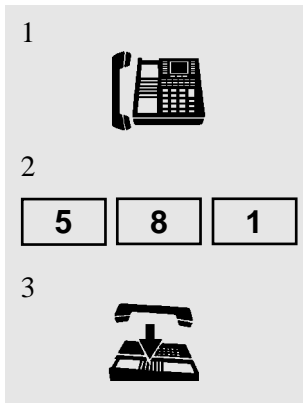
* *The ISDN line with CLIP feature provides you with the caller's information, such as his/her name and telephone number, on the CO line assigned to receive ISDN service calls. Refer to the Added and Changed features for the Installation Manual.*

Connected Line Identification Restriction (COLR)

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to restrict the presentation of your number to the calling party when you receive the incoming call. You can set the calling party not to see your number on the display. This feature is an ISDN service.

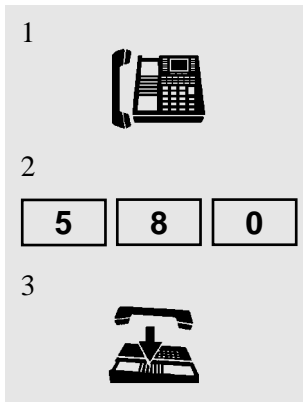
To restrict the presentation of your number to the calling party



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (58) and **1**.
 - The display shows:

COLR On
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

To present your number to the calling party



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (58) and **0**.
 - The display shows:

COLR Off
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Programming References

- System Programming — Installation Manual Addendum
 - [100] Flexible Numbering, COLR set/cancel
 - [419] Subscriber Number Assignment
 - [517] Connected Line Identification Restriction

4.2 DPT Features

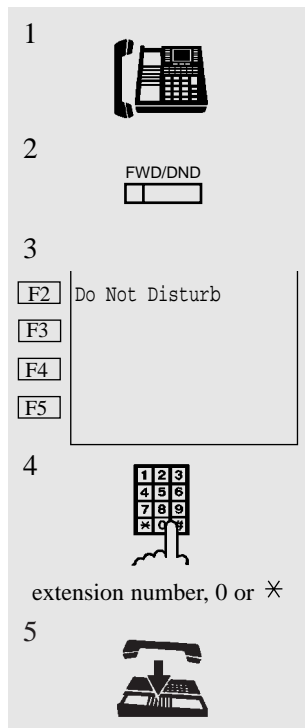
Do Not Disturb (DND)

Allows you to prevent other parties from disturbing you. Your extension does not receive intercom or outside calls.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Display Operation (— for KX-T7235)

Setting

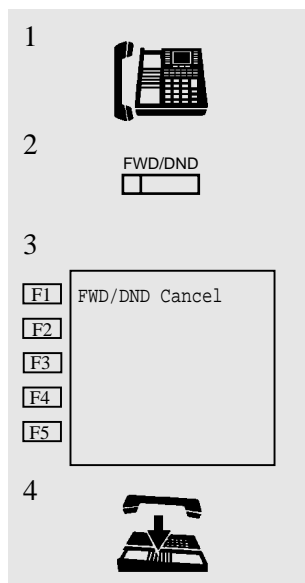


- Lift the **handset** or press the **SP-PHONE** button.
- Press the **FWD/DND** button.
- Press the **Do Not Disturb (F2)** button.
- Dial the **extension number, 0** (to operator) for the backup station or * (no backup).
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

DND	EXTxxx
-----	--------

Extension number
- Hang up** or press the **SP-PHONE** button.
 - The FWD/DND indicator light turns on.

Cancelling

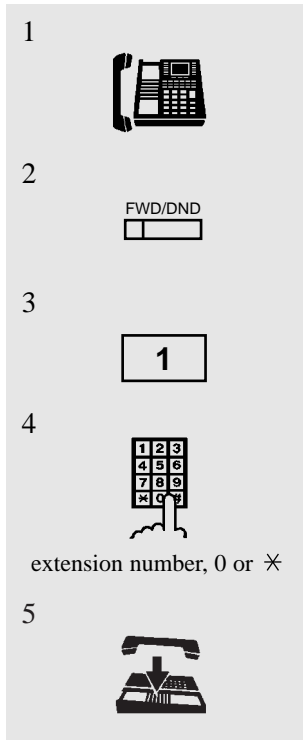


- Lift the **handset** or press the **SP-PHONE** button.
- Press the **FWD/DND** button.
- Press the **FWD/DND Cancel (F1)** button.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

FWD/DND	Cancel
---------	--------
- Hang up** or press the **SP-PHONE** button.
 - The FWD/DND indicator light turns off.

Standard Operation

Setting

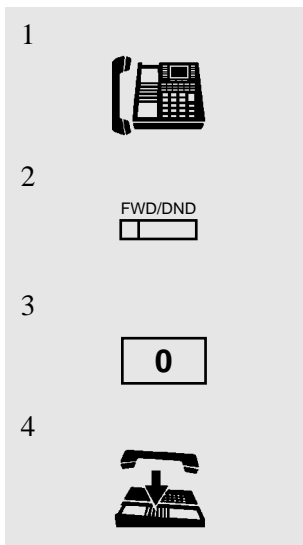


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
 - You may dial the feature number (710) instead.
3. Dial **1**.
4. Dial the **extension number, 0** (to operator) for the backup station or * (no backup).
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

DND	EXTxxx
-----	--------

Extension number
5. **Hang up** or press the **SP-PHONE/MONITOR** button.
 - The FWD/DND indicator light turns on.

Cancelling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
 - You may dial the feature number (710) instead.
3. Dial **0**.
 - You hear a confirmation tone and then a dial tone.
 - This display shows:

FWD/DND	Cancel
---------	--------
4. **Hang up** or press the **SP-PHONE/MONITOR** button.
 - The FWD/DND indicator light turns off.

4.2 *DPT Features*

Conditions

- If the extension is already set as the destination of the “Call Forwarding,” “Do Not Disturb (DND)” and “Do Not Disturb for Direct Dial In Calls” features, you cannot set this feature and when you set this feature, you hear a reorder tone.
- When this feature is set, an incoming outside call (directed by Intercept Routing or DIL 1:1 extension) will be automatically transferred to the backup station (pre-assigned extension). An incoming intercom call will send the DND tone to your extension.
- This feature does not work for the following calls: doorphone calls; recalls for hold; Timed Reminder alarm.
- While the operator is set as the destination of the “Do Not Disturb (DND)” feature, even if the operator is different from Day mode and Night mode, an incoming call will be transferred to an operator. If the operator is not assigned, an incoming call will be transferred to the IRNA.
- When this feature is set, “Call Forwarding” and “Do Not Disturb for Direct Dial In Calls” features are cancelled.
- A calling extension that has “Do Not Disturb (DND) Override” enabled can override your extension when it is set to “Do Not Disturb (DND)” mode.
- If the destination extension has DND activated, then DSS button corresponding to it will light up red. This indicates to the proprietary telephone or DSS console user that the destination extension is unavailable.
- A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned as the FWD/DND button.

Programming References

- Station Programming (Section 2)
 - Flexible Button Assignment — FWD/DND Button
(System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

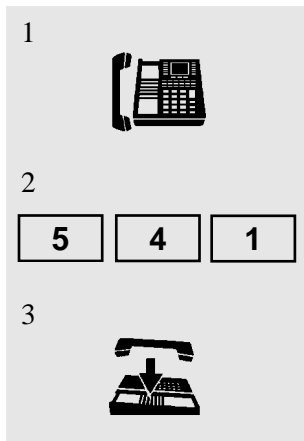
Call Forwarding
Do Not Disturb (DND) Override
Do Not Disturb for Direct Dialing In Calls
Intercept Routing (→ see Installation Manual)

Do Not Disturb for Direct Dialing In Calls

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

You can set “Do Not Disturb (DND)” feature for Direct Dialing In (DDI) calls. Direct Dialing In calls will be transferred to the operator. The operator cannot set this feature.

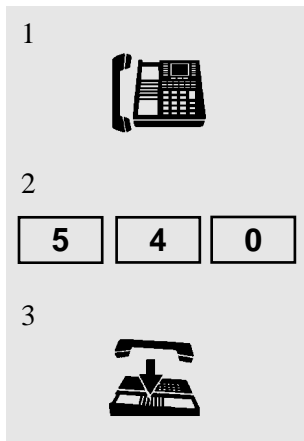
Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (54) and **1**.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

DND-DDI Set
 - The FWD/DND indicator light turns on.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Cancelling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (54) and **0**.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

DND-DDI Cancel
 - The FWD/DND indicator light turns off.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- When this feature is set, an incoming call (directed by Intercept Routing or DIL 1:1, DIL 1:N) can be answered.
- Even if this feature is set, your extension does not deny Direct Dialing In calls in the following cases:
 - 1) The destination of DDI calls is UCD.
 - 2) The destination of DDI calls is the Hunting group member that is set this feature.

4.2 *DPT Features*

- If the destination extension has DND activated, then the DSS button corresponding to it will light up red. This indicates to the proprietary telephone or DSS console user that the destination extension is unavailable.
- If the operator is assigned different from Day mode and Night mode, Direct Dialing In calls will be transferred to an operator. If the operator is not assigned, Direct Dialing In calls will be transferred to the IRNA.
- When you set this feature, “Call Forwarding” and “Do Not Disturb (DND)” features will be cancelled.
- When this feature is set, if you go off-hook, you will hear a special dial tone.

Feature References

Call Forwarding

Do Not Disturb (DND)

Do Not Disturb (DND) Override

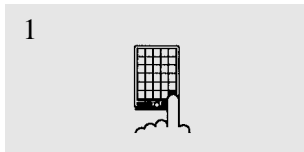
Direct Dialing In (DDI) (→ see Installation Manual)

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Calling an extension from a doorphone



1. Press the **Doorphone** button.
 - The visitor hears a beep.
 - Wait for an answer and talk.

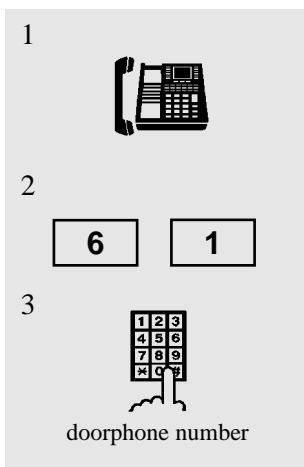
Answering a doorphone call



When you hear the doorphone ring tone at the extension;

1. Lift the **handset** or press the **SP-PHONE** button.

Calling a doorphone

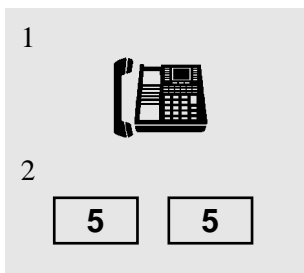


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (61).
3. Dial a **doorphone number** (1 through 4) as follows.
 - You can talk after you hear a confirmation tone.
 - The display shows:

Doorphone X

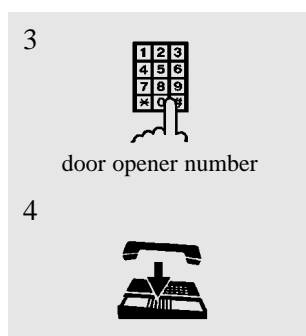
_____ Doorphone number (1 through 4)

To unlock the door from an assigned extension



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (55).

4.2 DPT Features

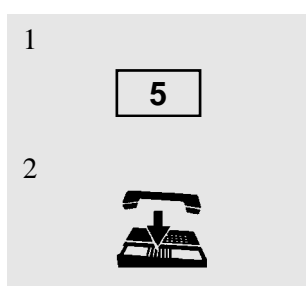


3. Dial a **door opener number** (1 through 4) as follows.
 - You hear a confirmation tone.
 - The door is left unlocked for 5 seconds.
 - The display shows:

Door 1 Open

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

To unlock the door while talking to the doorphone from any extension



1. Dial **5**.
 - You hear a confirmation tone.
 - The door is left unlocked for 5 seconds.
 - The display shows:

Door 1 Open

2. **Hang up** or press the **SP-PHONE** button.

Conditions

- If you dial 5 again while the door is open, the door will stay open for another five seconds.
- If you do not answer an incoming doorphone call within thirty seconds, the call is cancelled.
- You must program the extensions that can receive calls from each doorphone for day and night mode.
- “Class of Service” programming determines the extension that can unlock the door.
- It is possible for any extension user to originate a call to a doorphone.
- The door opener 1 through 4 can be unlocked using the feature number, while the doors which are paired with the doorphone 1 through 4 can be unlocked while talking to the doorphone.
- Door openers 1 and 2 and doorphones 1 and 2 are related to the master cabinet, and door openers 3 and 4 and doorphones 3 and 4 are related to the slave cabinet.

Programming References

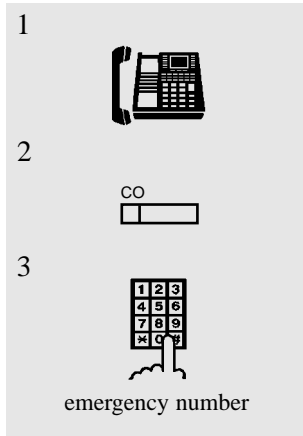
- System Programming — Installation Manual & Installation Manual Addendum
 - [122] Automatic Door Open Assignment
 - [511] Door Opener Access
 - [607]–[608] Doorphone Ringing Assignment — Day/Night
 - [625]–[626] Doorphone Call Forwarding — Day/Night

Emergency Call

Allows you to make an emergency call without dial restriction.
You can store up to ten emergency numbers.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Dialing



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
 - You hear a dial tone.
2. Press a **CO** button or dial the **line access code** (9 or 81 through 88).
3. Dial the desired **emergency number**.

Conditions

- An emergency call will override any toll restriction level, including the “Electronic Station Lockout” feature, and the account code mode, “Verified — All Calls” or “Verified — Toll Restriction Override.”

Programming References

- System Programming — Installation Manual
[311] Emergency Dial Set

4.2 DPT Features

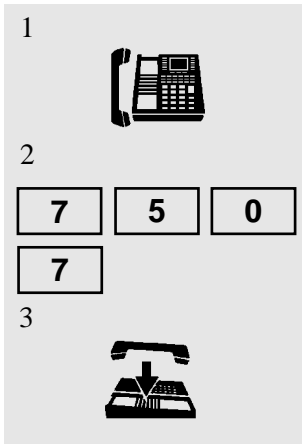
Hotel Application

Room Management

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

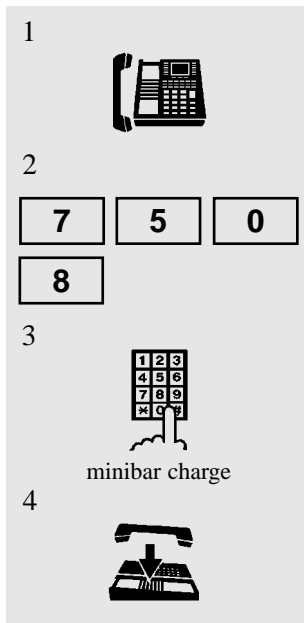
Allows you to print out the information of a guest room (e.g., cleaning status of the room and the total of the minibar charge) with a telephone in each room. Messages No.6-No.9 can be printed out.

<Example> Message 7: “Cleaned-up”



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **7**.
3. **Hang up** or press **SP-PHONE/MONITOR** button.

<Example> Message 8: “Minibar \$ %%.%”



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **8**.
3. Enter the **minibar charge**.
4. **Hang up** or press **SP-PHONE/MONITOR** button.

Data similar to below is printed out.

<i>Date</i>	<i>Time</i>	<i>Ext</i>	<i>CO</i>	<i>Dial Number</i>	<i>ANS</i>	<i>Duration</i>	<i>Cost</i>	<i>Acc</i>	<i>CD</i>
24.03.95	14:09	221		Cleaned-up					
24.03.95	10:23	230		Minibar \$535.5					

Conditions

- System Programming is required to program the messages.
- This operation is the same as the Absent Message feature.
- It is necessary to assign [990] “System Additional Information, Field (34)” through System Programming beforehand.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [008] Absent Messages
 - [990] System Additional Information, Field (34)

Live Call Screening (LCS)[†]

Allows a digital proprietary telephone user to monitor his voice mailbox while incoming callers are leaving a message and, if desired, intercept the call.

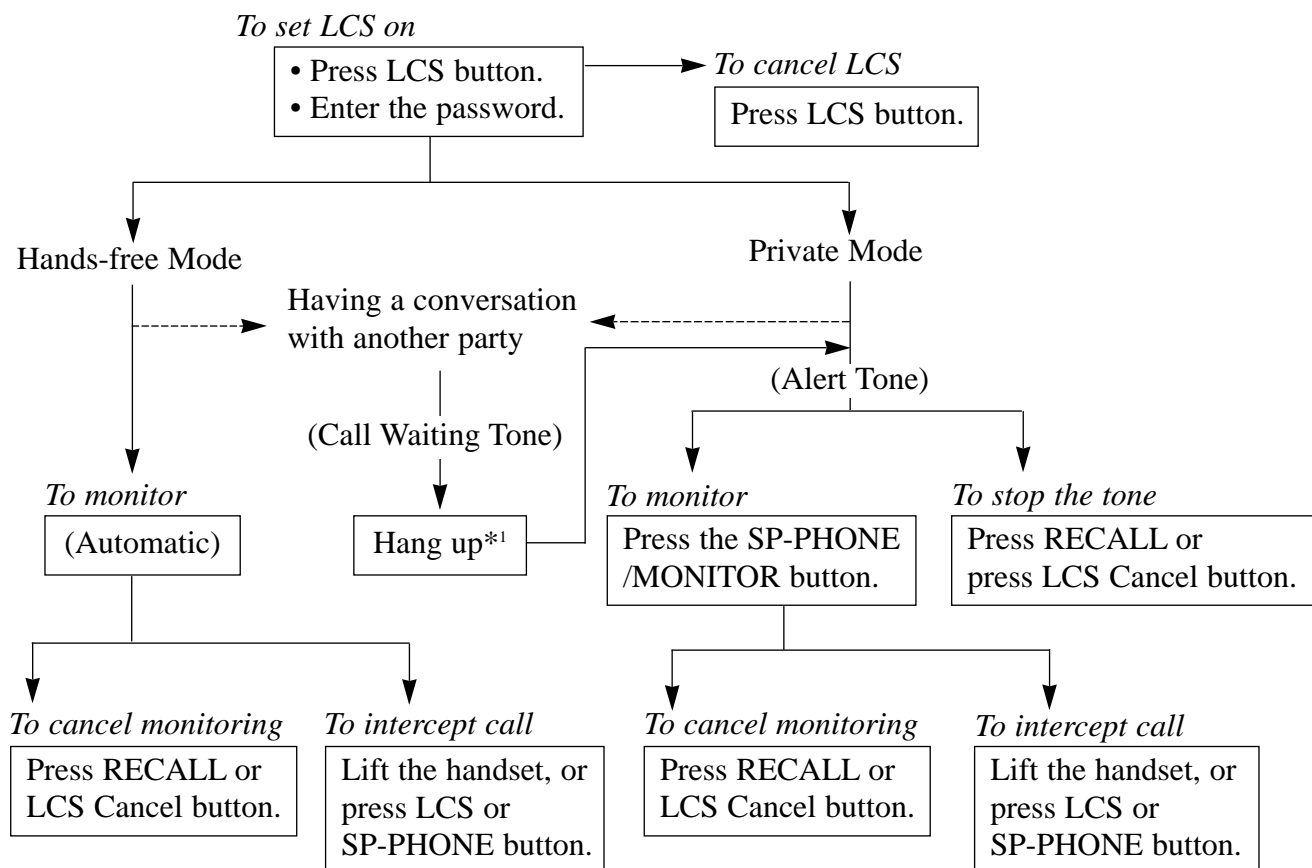
DPT (72**)			
20	30	35	50
✓	✓	✓	✓

The flowchart of the Live Call Screening (LCS) feature

Preparation

- Setting the Password
- Assigning the Live Call Screening (LCS) button (Station Programming)
- Selecting the mode, either Hands-free or Private (Station Programming)

When using the SP-PHONE/MONITOR button in the Private Mode:

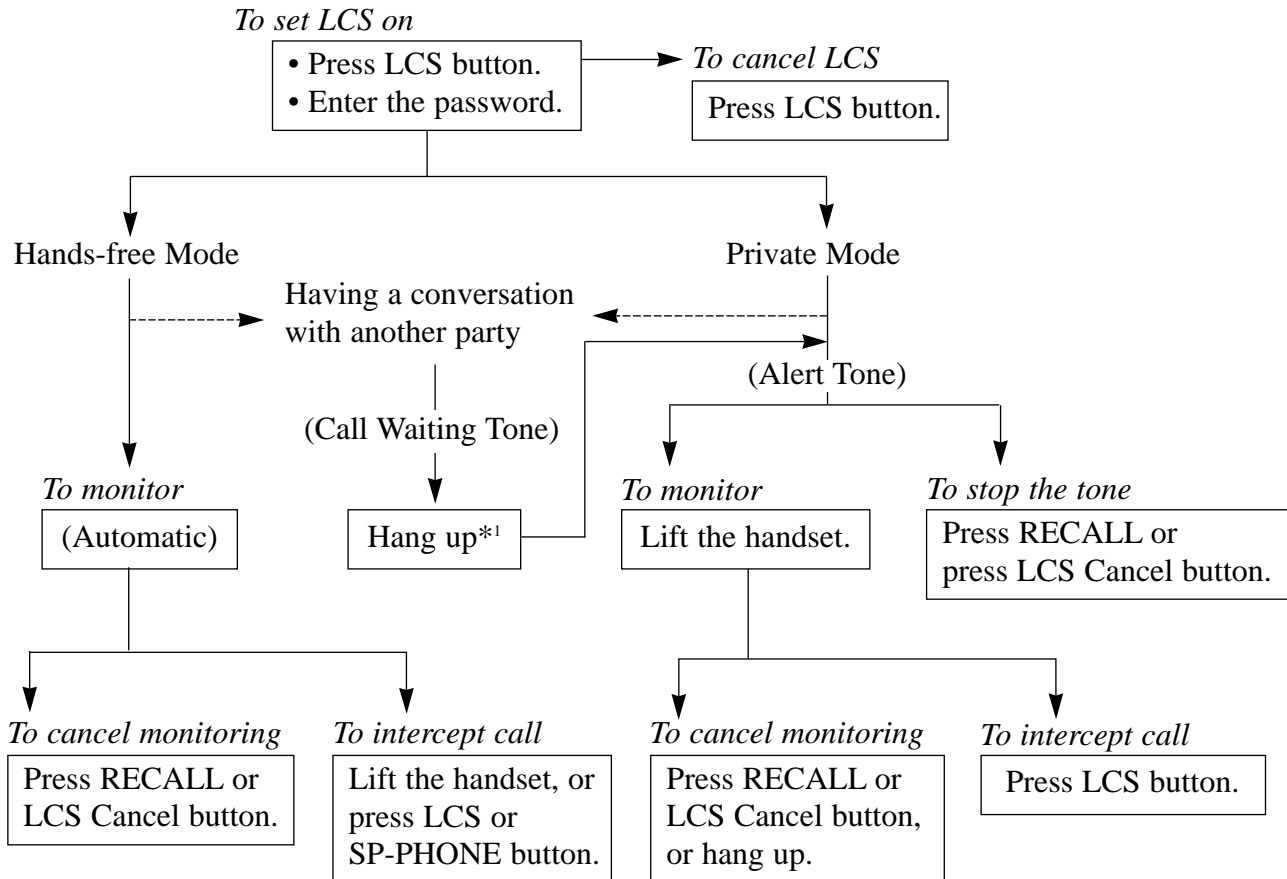


*1: To hold the current call temporarily, press the HOLD button.

To return to the held call, press the CO button whose indicator light flashes green slowly.

[†]: Available when the Digital Super Hybrid System is connected to a Proprietary Telephone capable Panasonic Voice Processing System (one that supports proprietary telephone integration; e.g. KX-TVP100)

When using the handset in the Private Mode;

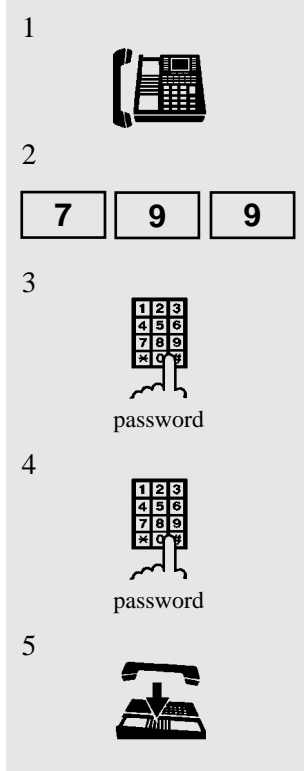


*1: To hold the current call temporarily, press the HOLD button.

To return to the held call, press the CO button whose indicator light flashes green slowly.

4.2 DPT Features

Setting the password



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (799).

3. Enter the **password** (000 through 999).

4. Enter the same **password** again.

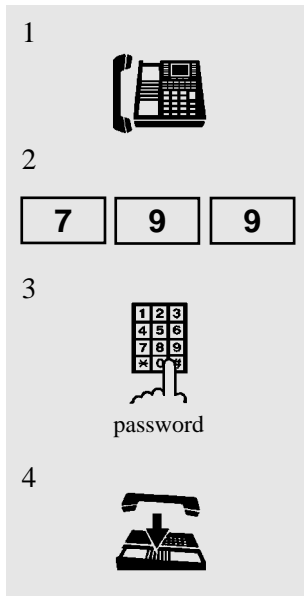
- You hear a confirmation tone and then a dial tone.
- The display shows:

Password: xxx — (xxx: password)

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

(To change your password, you must follow the instructions below for “Cancelling the password”)

Cancelling the password



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (799).

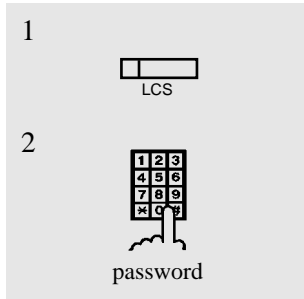
3. Enter the **password** (000 through 999).

- You hear a confirmation tone and then a dial tone.
- The display shows:

Password Cancel

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Setting Live Call Screening



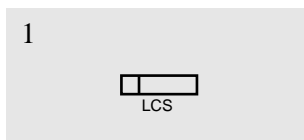
When the telephone is idle and on-hook;

1. Press the **Live Call Screening** button.
 - The display shows:



2. Enter the **password** (000 through 999).
 - The Live Call Screening indicator light turns red.

Cancelling Live Call Screening



During the telephone is idle and on-hook;

1. Press the **Live Call Screening** button.
 - The Live Call Screening indicator light turns off.

In the Hands-free mode:

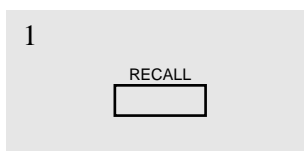
When callers are connected to your voice mailbox, message recording is monitored automatically through your extension speaker. While monitoring in the Hands-free mode, the Live Call Screening indicator light flashes green slowly.

Having a conversation with the party



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, or press the **Live Call Screening** button.
 - The Live Call Screening indicator light turns steady red from slow flashing green.
 - In Keep Recording mode, the Two-Way Record indicator turns on. Pressing the Two-Way Record button cancels the recording and the light turns off.

Stopping monitoring



1. Press the **RECALL** button or the **Live Call Screening Cancel** button.
 - The Live Call Screening indicator light turns steady red from slow flashing green.

4.2 DPT Features

In the Private mode:

When a caller is connected to your voice mailbox, an alert tone is sent. The Live Call Screening indicator light flashes green rapidly when a caller is connected to your voice mailbox. (When using a single line telephone, which is connected with a proprietary telephone in parallel, you hear ringing.)

Stopping the alert tone



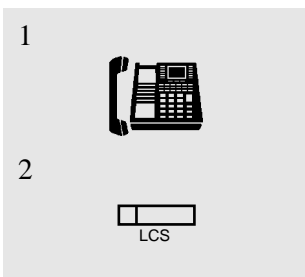
1. Press the **RECALL** button or the **Live Call Screening Cancel** button.
 - The Live Call Screening indicator light turns steady red from rapid flashing green.
 - The alert tone stops.

Monitoring the recording message



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, the flashing **Live Call Screening** button or **INTERCOM** button. (When using a single line telephone, which is connected with a proprietary telephone in parallel, only the handset is available).
 - The Live Call Screening indicator light flashes green slowly.
 - To stop monitoring, lift the **handset**. The **RECALL** button or the **Live Call Screening Cancel** button can be also used to stop monitoring. The Live Call Screening indicator light turns steady red from slow flashing green.

Having a conversation with the party



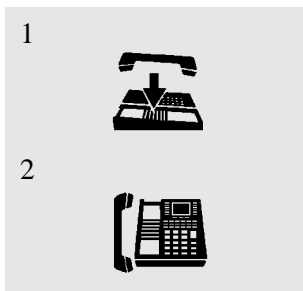
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the flashing **Live Call Screening** button. (When using a single line telephone, which is connected with a proprietary telephone in parallel, flash the **hooking** instead.)
 - The Live Call Screening indicator light turns steady red from slow green flashing.
 - In Keep Recording mode, the Two-Way Record indicator light turns on.

While having a conversation with another party:

When the extension user is having a conversation, a call waiting tone is sent. The Live Call Screening indicator light flashes green rapidly.

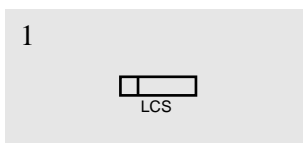
- If you want to terminate the current call

Monitoring



1. **Hang up** or press the **SP-PHONE/MONITOR** button.
 - An alert tone is sent.
2. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
 - Monitoring starts.

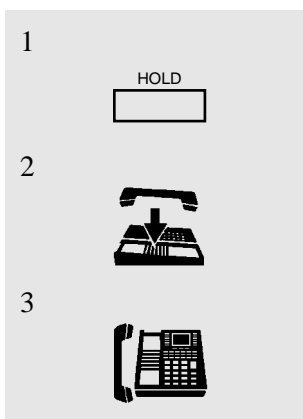
Having a conversation with the party



1. Press the flashing **Live Call Screening** button.

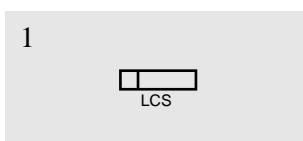
- If you want to hold the current call

Monitoring



1. Press the **HOLD** button.
2. **Hang up** or press the **SP-PHONE/MONITOR** button.
 - An alert tone is sent.
3. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
 - Monitoring starts.

Having a conversation with the party



1. Press the flashing **Live Call Screening** button.

4.2 DPT Features

Conditions

- A flexible CO and DSS button can be assigned as a Live Call Screening button.
- The Live Call Screening indicator shows the feature status as below;
 - Red Steady onLive Call Screening mode is on.
 - OffLive Call Screening mode is off.
 - Slow flashing green.....Live Call Screening is active.**
 - Rapid flashing greenAlert tone is ringing in the Private mode.**

** The DSS button indicator lights steady red while the Live Call Screening is active.
- The Two-Way Record indicator shows the feature status as below;
 - On.....Recording the conversation
 - OffNo recording
- The operator can clear the password at any extension in Station Programming.
- While in Keep Recording mode, if you want to stop recording the conversation, press the Two-Way Recording button.

Programming References

- Station Programming (Section 2)
 - Flexible Button Assignment — Live Call Screening Button, Live Call Screening Cancel Button, Two-Way Record Button
 - (System Programming — [005] can be used for this assignment.)
 - Live Call Screen Password Control
 - Live Call Screening Private Mode Set
- System Programming — Installation Manual Addendum
 - [617] Live Call Screening Recording Mode Assignment

Log-In / Log-Out

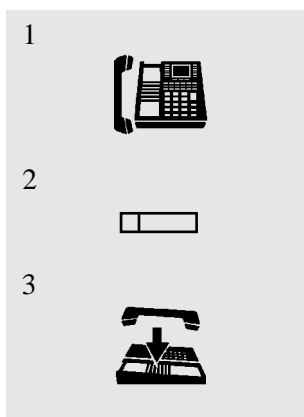
DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to select the log-in mode or log-out mode within the hunting or UCD group.

When in the log-out mode, you can leave the group temporarily, preventing hunting calls from being sent to your extension.

Using the Log-In / Log-Out button

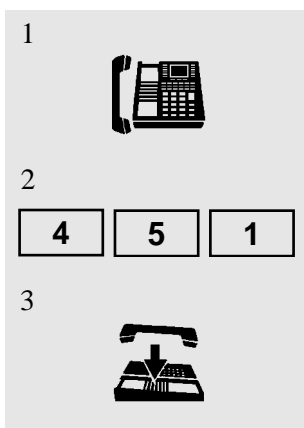
Log-In / Log-Out



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **flexible button** which is assigned as the **Log-In/Log-Out** button.
 - Log-In mode: The indicator light is off.
 - Log-Out mode: The indicator light is steady red.
 - Calls in the UCD queue: The indicator light is flashing red moderately.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Using the feature number

Log-In

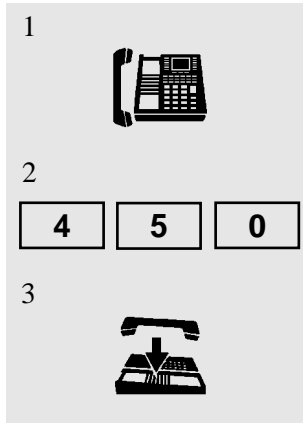



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (45) and **1**.
 - You hear a confirmation tone.
 - The display shows:

Log-in
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

4.2 DPT Features

Log-Out



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (45) and **0**.
 - You hear a confirmation tone.
 - The display shows:

3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- The Log-In / Log-Out button should be assigned to a flexible CO button.
- Default is “Log-In” mode.
- There should be at least one extension that is in log-in mode. Only one log-in extension cannot be set in log-out mode.

Programming References

- Station Programming (Section 2)
Flexible Button Assignment — Log-In / Log-Out Button
(System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

- Uniform Call Distribution (UCD)
- Station Hunting (→ see Installation Manual Addendum)

Night Service

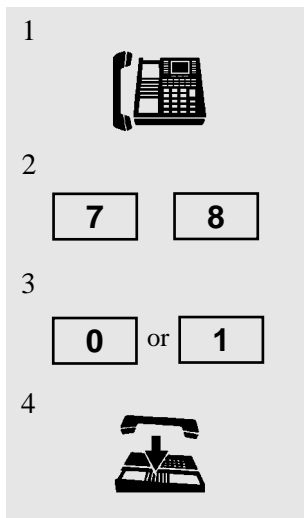
DPT (72**)			
20	30	35	50
✓	✓	✓	✓

This system supports both the Night and Day modes of operation. The system operation for originating and receiving calls can be different in night and day modes.

Toll restriction calls can be programmed to prevent unauthorized toll calls at night.

Day/Night mode can be switched manually at anytime desired. If your extension is assigned as an operator, you can perform the operation using the display.

Manual Night Service



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number (78)**.

3. Dial **0** or **1**.

- 0 : from Night mode to Day mode

- 1 : from Day mode to Night mode

- You hear a confirmation tone.

- The display shows:

Night Mode

or

Day Mode

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Confirming the current mode (with a display PT only)

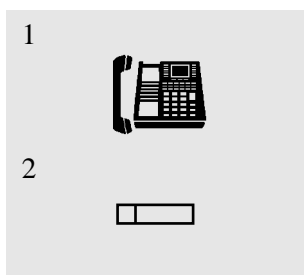


When the telephone is idle;

1. Press #.

- The display shows the current mode for 3 seconds.

Night Button Operation



To set/cancel the night mode;

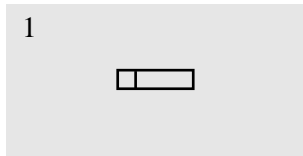
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **Night** button.

- To set : The Night button indicator light turns on.

- To cancel : The Night button indicator light turns off.

4.2 DPT Features



To check the current mode (with a display PT only);

1. Press the **Night** button.
 - The display shows the current mode for 3 seconds.

Conditions

- The following items have separate day and night programming:
 - 1) Outgoing Permitted CO Line Assignment
 - 2) Direct In Lines (DIL)
 - 3) Doorphone Ringing Assignment
 - 4) Intercept Routing
 - 5) Ringing, Delayed
 - 6) Toll Restriction Level
 - 7) Toll Restriction for System Speed Dialing
 - 8) Operator Assignment
- “Class of Service” programming determines the extensions that can perform this feature.
- The Day/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 5:00 p.m. for all nights of the week) if automatic switching mode is selected in System Programming.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [100] Flexible Numbering, Night service mode
 - [102] Day/Night Service Starting Time
 - [513] Night Service Access
 - [601] Class of Service

Feature References

- CO Line Connection Assignment — Outgoing (→ see Installation Manual)
- Direct In Lines (DIL) (→ see Installation Manual)
- Doorphone Call
- Intercept Routing (→ see Installation Manual Addendum)
- Ringing, Delayed (→ see Installation Manual)
- System Feature Access Menu — Night Service (4.4/Special Display Features)
- Toll Restriction (→ see Installation Manual)

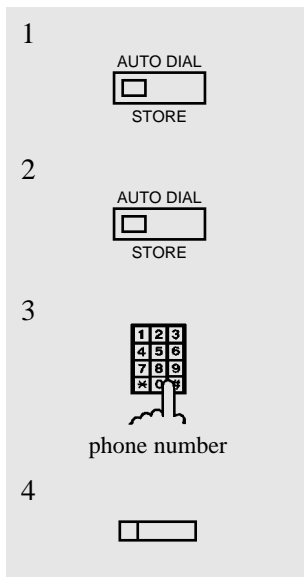
Notebook Function

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to store an outside phone number in memory during a conversation with an outside party or on-hook status.

The stored number is dialed automatically with a simple operation.

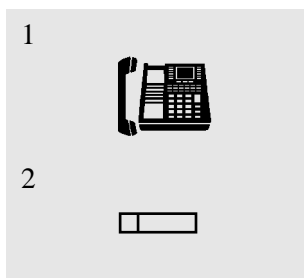
Storing



While having a conversation or in on-hook status;

1. Press the **AUTO DIAL/STORE** button.
 - The AUTO DIAL/STORE indicator light turns red.
2. Press the **AUTO DIAL/STORE** button again.
 - The AUTO DIAL/STORE indicator light flashes red.
3. Dial the desired **phone number**.
4. Press the **flexible button** which is assigned as the **SAVE** button.

Dialing



— When you want to dial the stored number;

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **flexible button** which is assigned as the **SAVE** button.
 - The CO indicator light turns green.

Conditions

- When you dial the stored telephone number of an outside party, you do not need to dial (9 or 81 through 88) as the leading digit.
- The same CO line is selected when redialing the number. If the line is busy, the busy tone is sent.
- The pause, if programmed, can be inserted between the CO line access number and the following phone number (Automatic Pause Insertion).
- Up to 24 digits long can be stored in the notebook function.
- “*” and “#” are counted as one digit.

4.2 DPT Features

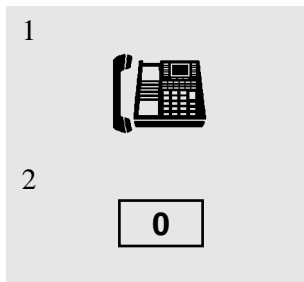
Operator Call

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to call an operator within the system. There can be up to two extensions assigned as Operator 1 and 2.

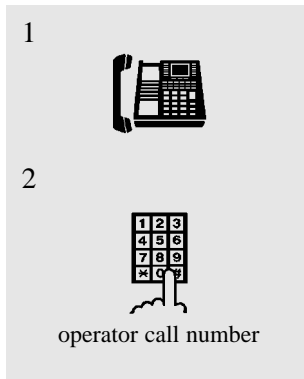
If there is only one operator or if you do not specify the operator, you should generate the General call. If you want to specify the operator, you should generate the Specific call by pressing a pre-assigned operator call number.

General call



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (0).

Specific call



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **operator call number** for each operator.

Conditions

- If you generate the General call for two operators, Operator 2 will receive your call if Operator 1 is busy.
- If an operator is not assigned, this feature is not available; you will hear the reorder tone.

Programming References

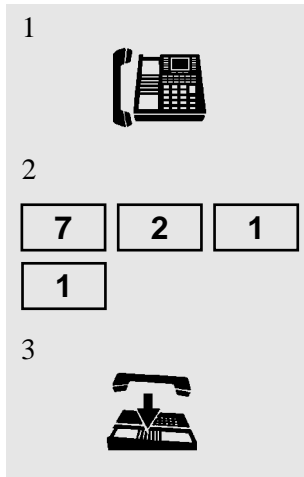
- System Programming — Installation Manual & Installation Manual Addendum
 - [006] Operator / Manager Extension Assignment — Day / Night
 - [100] Flexible Numbering, Operator call, Operator 1 call, Operator 2 call

Paging — DENY

A page sent to the built-in speaker can be denied by any extension in the system.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

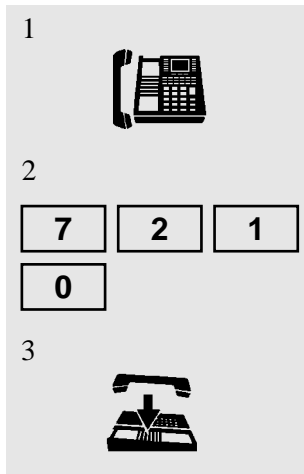
Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (721) and **1**.
 - The display shows:

Paging Deny On
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Cancelling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (721) and **0**.
 - The display shows:

Paging Deny Off
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

4.2 DPT Features

Phantom Extension

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

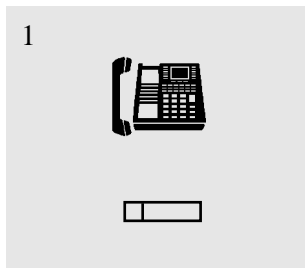
Allows you to route calls to a phantom extension. The call arrives at the extensions that have the corresponding Phantom button.

A flexible CO or DSS button can be assigned as the Phantom button.

The lighting patterns of Phantom button and status are as follows:

- Off : Idle
- Red on : You are calling a phantom extension.
- Flashing green rapidly : Incoming call

To call a phantom extension



While the Phantom button indicator light is off ;

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **Phantom** button.
 - You may dial the phantom extension number instead.
 - The Phantom indicator light turns red (steady).

To transfer a call to a phantom extension



During a conversation with an outside party;

1. Press the **Phantom** button.
 - You may dial the phantom extension number after pressing the TRANSFER button instead.

To answer a phantom extension call



While the Phantom button indicator light is flashing green;

1. Press the **Phantom** button.

Conditions

- A phantom number must be assigned by System Programming before assigning the Phantom button by Station Programming.
- If several extensions have the same phantom extension number, they will ring simultaneously.
- A maximum of 128 phantom numbers can be assigned.
- The phantom number cannot be used for feature settings such as “Call Forwarding”.
- **Phantom button on the DSS Console:**

Allows the operator to transfer the call to a phantom extension by the phantom button on the DSS Console. An incoming call cannot be received at the phantom button on the DSS Console, only the indicator turns red.

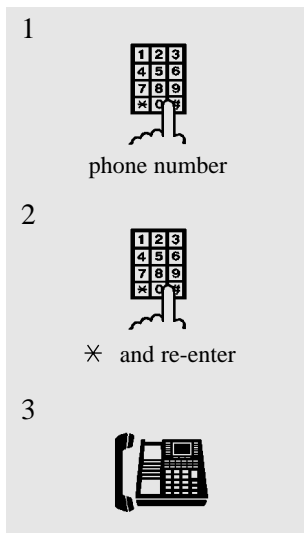
Programming References

- Station Programming (Section 2)
Flexible Button Assignment — Phantom Button
- System Programming — Installation Manual Addendum
[130] Phantom Number Assignment

Predial Preparation

Allows you to confirm the phone number on the display before the line is connected.

DPT (72**)			
20	30	35	50
	✓	✓	



1. Dial the **phone number**.

- The display shows the dialed telephone number.

<Example>

912345678

If you want to change the current entry;

2. Dial * and **re-enter**.

- By pressing *, the number at the right-hand edge is deleted.

<Example>

91234567

- By pressing the RECALL button, the entire number is cleared.

3. Lift the **handset** or press the **SP-PHONE** button, or press the **CO** button.

- The system hunts the CO line and sends the dialed number.

Conditions

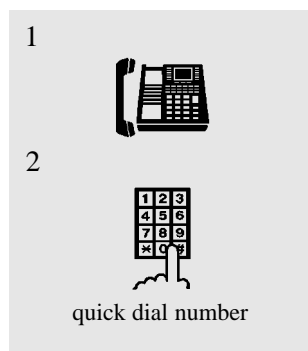
- Pressing CO button will cancel this feature if entered number does not have line access code (9 or 81 through 88).
- If you press “*” or “#” as a first digit of the phone number, this feature does not work.
- This feature will be cancelled, if you do the following operation during entering the phone number.
 - a) Pressing the RECALL button.
 - b) Answering the incoming call (off-hook or pressing any button)
 - c) Retrieving the held call (off-hook or pressing any button)

Quick Dialing

Allows you to make a quick dialing by pressing a pre-assigned quick dial number.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Dialing



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **quick dial number**.

Conditions

- Up to 80 quick dial numbers can be stored by System Programming.
- You must assign a feature number first in program [104] “Quick Dial Assignment,” and then a quick dial number in program [009] “Quick Dial Number Set” in order for Quick Dial to be effective.
- For example, Quick Dialing is convenient for room service calls in a hotel.

Programming References

- System Programming — Installation Manual Addendum
 - [009] Quick Dial Number Set
 - [104] Quick Dial Assignment

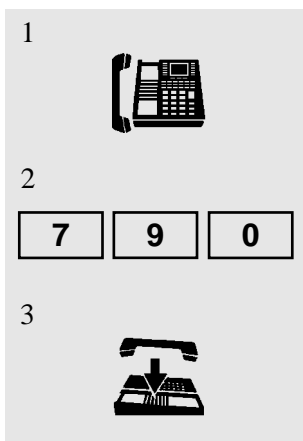
Station Feature Clear

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to reset the following station features to the default settings.

- a) Absent Message Capability
- b) Automatic Callback Busy (Camp-On)
- c) Background Music (BGM)
- d) Call Forwarding
- e) Call Pickup Deny
- f) Call Waiting
- g) Calling Line Identification Restriction (CLIR)
- h) CO Incoming Call Information Log
- i) Connected Line Identification Restriction (COLR)
- j) Do Not Disturb (DND)
- k) Log-In
- l) Message Waiting – (All messages will be removed.)
- m) Paging — DENY
- n) Paralleled Telephone Connection
- o) Pickup Dialing (Hot Line) – (The stored telephone number will be removed.)
- p) Timed Reminder

Clearing current feature setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (790).
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

Ext Data Clear
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

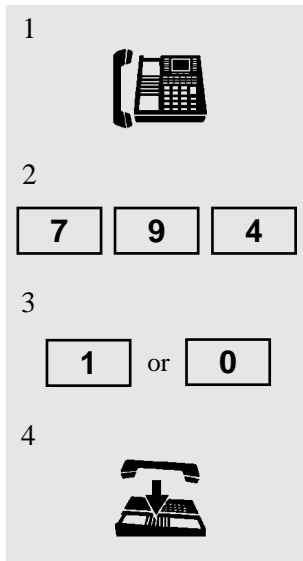
4.2 DPT Features

System Working Report

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows you to print the system's working state recorded in the system.

Only the extensions which are assigned as the manager or operator can perform this feature.



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (794).

3. Dial **1** or **0**.

- 1 : print out the data

- 0 : clear the data

- You hear a confirmation tone.

- The display shows:

— (when printing out)

— (when clearing)

4. Lift the **handset** or press **SP-PHONE/MONITOR** button.

Conditions

- You must connect the printer to the system when you print out the data.

Programming References

- System Programming — Installation Manual
[806]–[807] EIA (RS-232C) parameters — Port 1/Port 2

Feature References

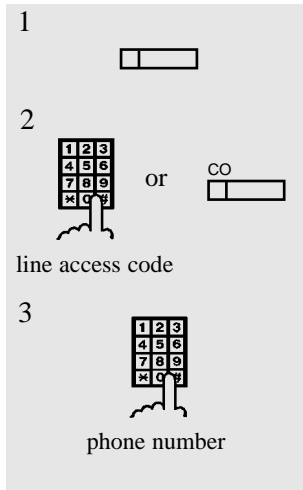
System Working Report (→ see Installation Manual Addendum)

Terminate

Allows you to terminate the current outside call and make another call without hanging up.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Standard Operation



While hearing any tone, dialing, or talking:

1. Press the **flexible button** which is assigned as the **Terminate** button.
 - You hear an internal dial tone.
2. Dial the **line access code** (9 or 81 through 88), or press a **CO** button.
3. Dial the **phone number**.

Conditions

- When you dial the telephone number of an outside party, you must dial the line access code (9 or 81 through 88) as the leading digit.
- Pressing the Terminate button disconnects the conversation, and outputs an SMDR record.
- The Terminate button can be assigned to a flexible CO button.

Programming References

- Station Programming (Section 2)
 - Flexible Button Assignment — Terminate Button
(System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
[414] Disconnect Time

4.2 *DPT Features*

T

Toll Restriction Override for System Speed Dialing

Calls originated by “System Speed Dialing” are restricted depending on the extension’s toll restriction level.

Programming References

- System Programming — Installation Manual Addendum
[509]–[510] Toll Restriction Level for System Speed Dialing — Day/Night

Feature References

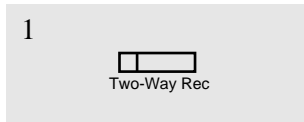
System Speed Dialing
Toll Restriction (→ see Installation Manual)

Two-Way Recording into Voice Mail†

Allows you to record the conversation into your mailbox or the desired mailbox.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Recording into your mailbox



While having a conversation;

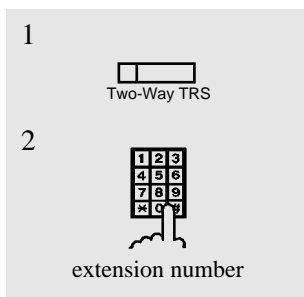
1. Press the **Two-Way Record** button.
 - The Two-Way Record indicator light turns red.

Stopping recording



1. Press the **Two-Way Record** button.
 - The Two-Way Record indicator light turns off.

Recording into another mailbox



While having a conversation;

1. Press the **Two-Way Transfer** button.
 - The Two-Way Transfer indicator light turns red.
2. Enter an **extension number** or press the desired **DSS** button.

Stopping recording



1. Press the **Two-Way Transfer** button.
 - The Two-Way Transfer indicator light turns off.

Conditions

- A flexible CO and DSS button can be assigned as a Two-Way Record button or a Two-Way Transfer button.
- Pressing the Two-Way Record button sends alarm tone, if no idle voice mail port exists.
- Pressing the Two-Way Transfer button followed by an extension number sends alarm tone, if no idle voice mail port exists.

Programming References

- Station Programming (Section 2)
 - Flexible Button Assignment — Two-Way Record Button, Two-Way Transfer Button (System Programming — [005] can be used for this assignment.)

4.2 DPT Features

Uniform Call Distribution (UCD)

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

Allows incoming calls (CO line, extension) to be distributed uniformly to a specific group of extensions called a UCD group. Calls to a UCD group queue up, and the head of the queue searches for an idle extension.

Conditions

- UCD can be used in the following cases:
 - a) The floating number* of UCD is assigned as the DIL 1:1 destination.
 - b) The floating number* of UCD is assigned as the Intercept Routing destination.
 - c) The floating number* of UCD is dialed from the extension.
 - d) The floating number* of UCD is dialed as the DDI destination.
- The floating number* can be assigned on a hunting group basis and UCD group is based on the hunting group.
- A UCD call can arrive at extensions in the log-in mode within the UCD group, and cannot arrive at extensions in the log-out mode.
- You can select log-in or log-out on the extensions.

Programming References

- System Programming — Installation Manual Addendum
 - [106] Station Hunting Type
 - [813] Floating Number Assignment

Feature References

Log-In / Log-Out

* Floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension. Refer to the Installation Manual.

4.3

Operator Service Features

The system supports up to two operators. Any extension except for ISDN telephones can be appointed as an operator. System Programming is necessary to appoint operators. The extension assigned as an operator has the ability to perform the following features:

- 1) Alert Indication (Operator 1 only)
- 2) Automatic Overflow and Hurry-Up Transfer (Operator 1 only)
- 3) Background Music (BGM) — External
- 4) CO Incoming Call Information Log Lock Clear
- 5) Class of Service (COS) Switch
- 6) Remote Station Lock Control
- 7) Hotel Application
- 8) Live Call Screening Password Control†

Conditions

- The Direct Dialing In call which is denied to receive by the extension is forwarded to the operator.

Programming References

- System Programming — Installation Manual
[006] Operator/Manager Extension Assignment — Day / Night

Alert Indication

The pre-warning message is displayed on LCD of Operator 1. You can solve and access in the following ways.

DPT (72**)			
20	30	35	50
	✓	✓	

<Operator only>

Message	Meaning	Countermeasure
System Data Err 1	The system finds the wrong system data with back up RAM. -Err 1: for master system -Err 2: for slave system	Re-assign the programming. Contact your dealer.
Check Printer	The paper of the Printer SMDR runs out or the printer is out-of-service.	Confirm the connection and the paper in the printer.
System Link Down	System inter-connection is down.	Contact your dealer.

4.3

Operator Service Features

Automatic Overflow and Hurry-Up Transfer

DPT (72**) <Operator only>			
20	30	35	50
✓	✓	✓	✓

When Operator 1 is busy and the outside call reaches Operator 1 directly, the incoming call can be held until the waiting queue is over the assigned number.*

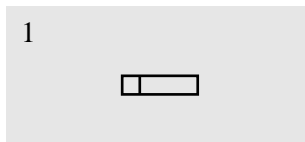
When the incoming call overflows the assigned number,* the last call will be automatically transferred to Operator 2. (Automatic Overflow)

Operator 1 can refer the waiting queue with LED indication, and transfer the first waiting call to the pre-assigned extension. (Hurry-Up Transfer)

The Hurry-Up button indicator shows as follows:

- No call in the queue : The indicator light is off.
- More than one call in the queue : The indicator light is steady red.
- More than assigned number in the queue : The indicator light is flashing red rapidly.

Executing the Hurry-Up Transfer



While having a conversation;

1. Press the **flexible button** which is assigned as the **Hurry-Up** button.
 - The first call in the queue will be transferred to the pre-assigned extension.

Conditions

- A flexible button can be assigned as the Hurry-Up button.
- *: the number should be assigned through System Programming.

Feature References

- Station Programming (Section 2)
 - Flexible Button Assignment — Hurry-Up Button
(System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual Addendum
[129] Operator Queue

4.3

Operator Service Features

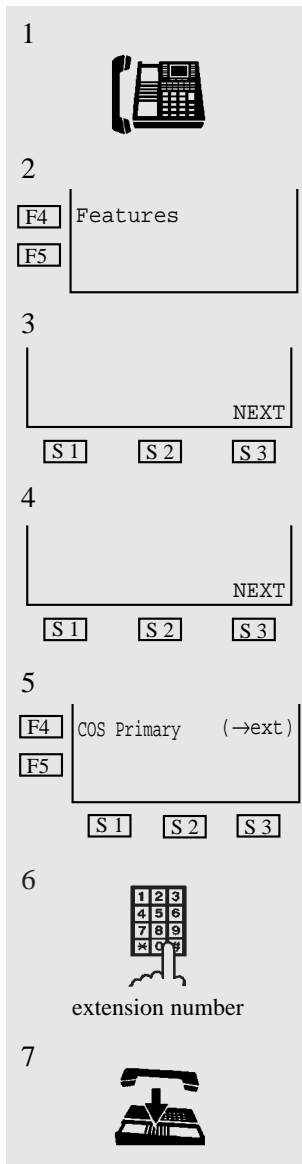
Class of Service (COS) Switch

The operator can assign primary and secondary status to the extensions through the COS switch.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓
<Operator only>			

Display Operation (— KX-T7235 only)

Primary switch



1. Lift the **handset** or press the **SP-PHONE** button.
2. Press the **Features** (F4) button.
3. Press the **NEXT** (S3) button.
4. Press the **NEXT** (S3) button again.
5. Press the **COS Primary** (F4) button.
6. Dial the **extension number**.
 - You hear a confirmation tone.
 - The display shows:

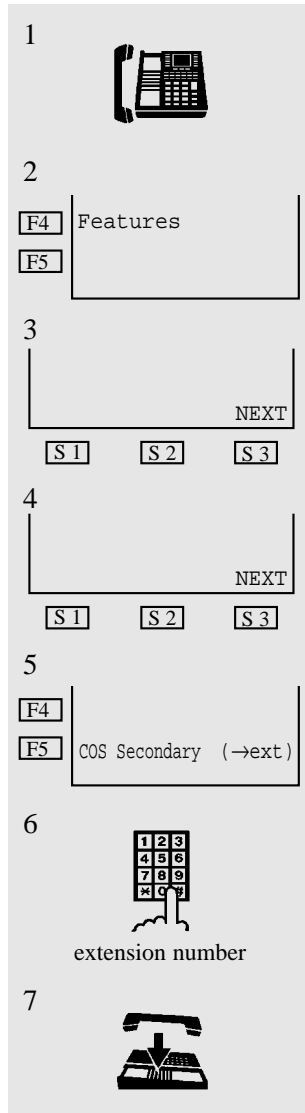
xxxx	:	Primary
------	---	---------

 — (xxxx : extension number)
7. **Hang up** or press the **SP-PHONE** button.

4.3

Operator Service Features

Secondary switch



1. Lift the **handset** or press the **SP-PHONE** button.
2. Press the **Features** (F4) button.
3. Press the **NEXT** (S3) button.
4. Press the **NEXT** (S3) button again.
5. Press the **COS Secondary** (F5) button.
6. Dial the **extension number**.
 - You hear a confirmation tone.
 - The display shows:

xxxx	:	Secondary
------	---	-----------

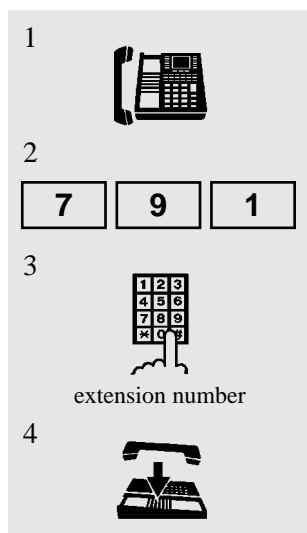
 — (xxxx : extension number)
7. **Hang up** or press the **SP-PHONE** button.

4.3

Operator Service Features

Standard Operation

Primary switch

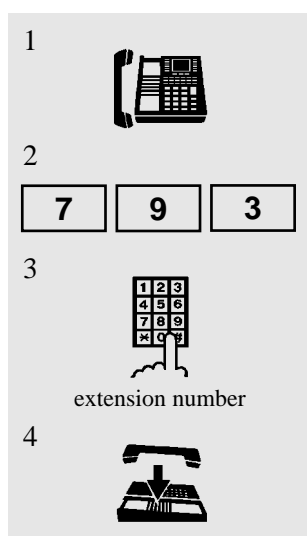


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (791).
3. Dial the **extension number**.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

xxxx	:	Primary
------	---	---------

 — (xxxx : extension number)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Secondary switch



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (793).
3. Dial the **extension number**.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

xxxx	:	Secondary
------	---	-----------

 — (xxxx : extension number)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Programming References

- System Programming — Installation Manual
 - [601] Class of Service
 - [991] COS Additional Information

4.3

Operator Service Features

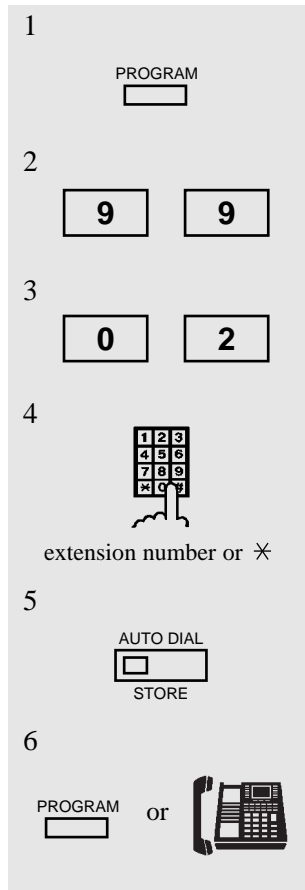
CO Incoming Call Information Log Lock Clear


The operator can clear the “CO Incoming Call Information Log Lock” feature on any extension.

DPT (72**)			
20	30	35	50
	✓	✓	

<Operator only>

Programming



1. Press the **PROGRAM** button.
2. Dial **99**.
 - You enter into the Station Programming mode.
 - The display shows:

3. Dial **02**.
4. Dial the **extension number** or *****.
 - extension number : to clear one extension
 - * : to clear all extensions
5. Press the **STORE** button.
 - The STORE indicator light turns on.
6. Press the **PROGRAM** button or lift the **handset** to exit from the Station Programming mode.

Feature References

CO Incoming Call Information Log Lock

4.3

Operator Service Features

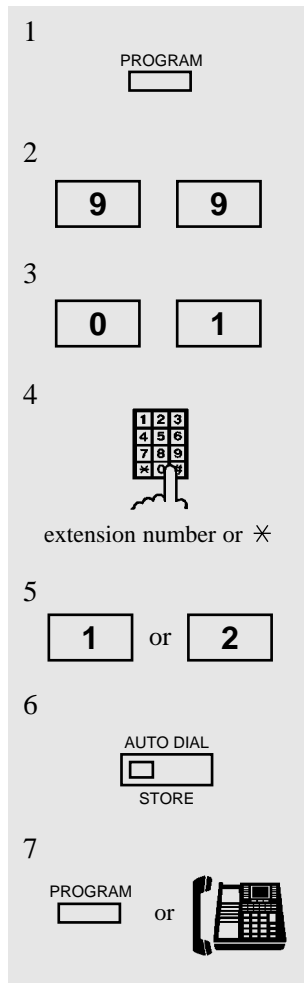
Remote Station Lock Control

The operator can set or clear the “Electronic Station Lockout” feature on any extension.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

<Operator only>

Programming



1. Press the **PROGRAM** button.

2. Dial **99**.

- You enter into the Station Programming mode.
- The display shows:

PT-PGM Mode

3. Dial **01**.

4. Dial the **extension number** or *****.

– extension number : to lock or unlock one extension

– * : to lock or unlock all extensions

5. Dial **1** or **2**.

- 1 : to unlock

- 2 : to lock

- The display shows:

<Example> If you dial extension number 1234 and then dial 2.

EXT1234: Lock

6. Press the **STORE** button.

- The STORE indicator light turns on.

7. Press the **PROGRAM** button or lift the **handset** to exit from the Station Programming mode.

Conditions

- This feature supersedes the “Electronic Station Lockout” feature. If “Electronic Station Lockout” has already been set by the extension user and this feature is set, the extension user cannot cancel the lock. Only the operator can cancel the lock.

Feature References

Electronic Station Lockout

4.3

Operator Service Features

Hotel Application

Allows the operator to handle the front/operator services such as check-in/check-out, timed reminder (wake-up call) with the KX-T7235.

It is required to enable the hotel application by System Programming.

DPT (72**)			
20	30	35	50
		✓	

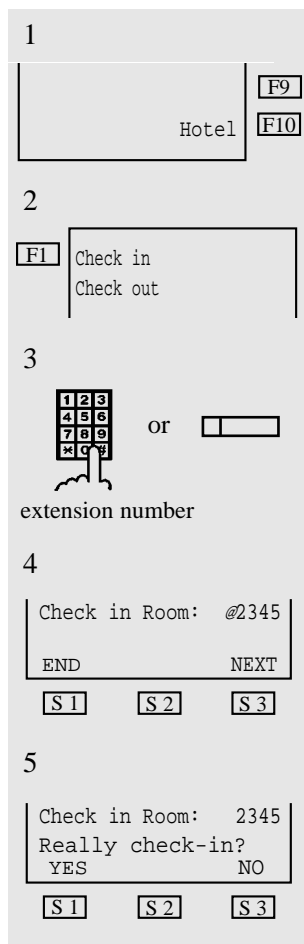
<Operator only>

Check-In / Check-Out

The check-in mode activates the change to primary COS and also clears the charge counter automatically. The check-out mode activates the change to secondary COS and also prints out the charge counter, minibar and other expenses. While in the check-in mode, the DSS button indicates the check-in room in stead of BLF.

Display Operation (— KX-T7235 only)

Check-In

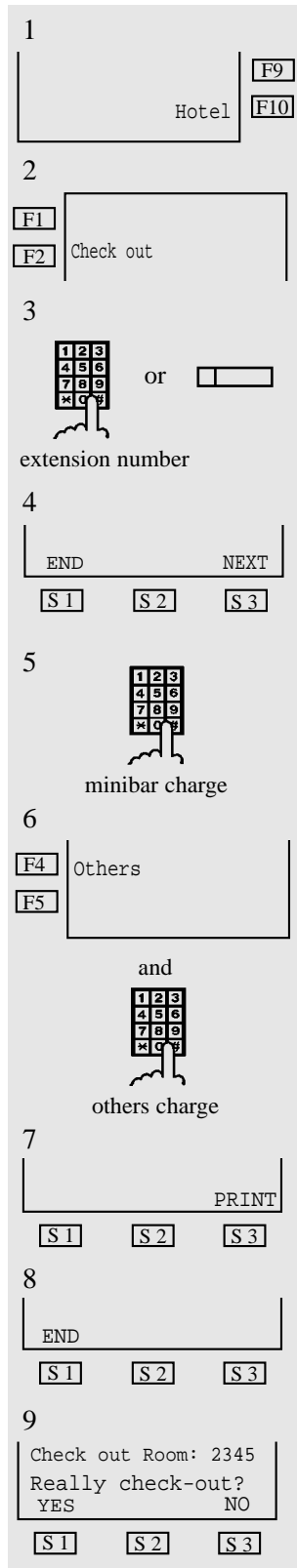


1. Press the **Hotel** (F10) button.
2. Press the **Check-In** (F1) button.
 - DSS indicator in check-in mode turns red.
3. Dial the **extension number** or press the **DSS** button that you want to check-in.
4. Press the **NEXT** (S3) button.
 - If the extension number is already in check-in mode, this will be cancelled.
 - If you want to exit, press END (S1) button.
5. Press the **YES** (S1) button or **NO** (S3) button.
 - YES : The check-in extension's charge counter is cleared and the primary COS is activated. The display returns to the initial display.
 - NO : The display returns to step 2.

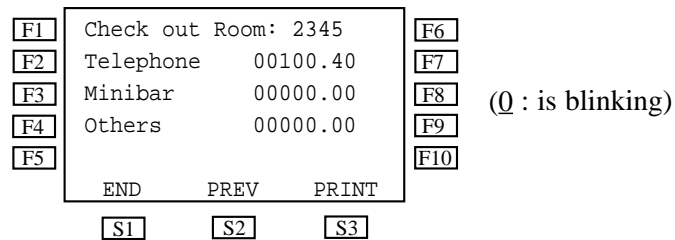
4.3

Operator Service Features

Check-Out



1. Press the **Hotel** (F10) button.
2. Press the **Check-Out** (F2) button.
 - DSS indicator in check-out mode turns red.
3. Dial the **extension number** or press the **DSS** button that you want to check-out.
4. Press the **NEXT** (S3) button.
 - The display shows the charge.



- If you want to exit, press END (S1) button.

If you want to charge the minibar;

5. Enter the **minibar charge**.

If you want to charge Other expenses;

6. Press the **Others** (F4) button and enter the **others charge**.

If you want to change the charge;

- Press the appropriate button {(F2) through (F4)} and enter the charge.

If you want to print out the charge;

7. Press the **PRINT** (S3) button.

8. Press the **END** (S1) button.

9. Press the **YES** (S1) button or **NO** (S3) button.

– YES : The check-in extension's charge counter is left alone and the secondary COS is activated. The display returns to the initial display.

– NO : The display returns to step 2.

4.3

Operator Service Features

Conditions

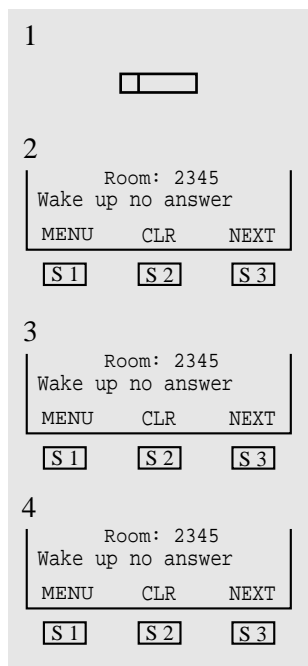
- You must assign the Hotel Application feature through System Programming.
- While an extension is in check-in mode, you cannot enter check-in mode again on the same extension.
- The LCD displays the telephone including the margin. You can enter the margin through System Programming.
- The entered Minibar charge and Others charge do not remain in the system after completing check-out.
- A new page will be ready after each printout.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [010] Budget Management
 - [011] Charge Margin and Tax Rate
 - [123] Hotel Application
 - [990] System Additional Information, Field (33)

Timed Reminder, Notification for Unanswered Extension (— KX-T7235 only)

If the guest does not answer the wake-up call, the Alert indicator will flash. Pressing the Alert button informs you which extension did not answer his/her wake-up call.



1. Press the **flexible button** assigned as the **Alert** button.

If you want to clear the notification;

2. Press the **CLR (S2)** button.

If you want to go to the next unanswered extension;

3. Press the **NEXT (S3)** button.

If you want to exit;

4. Press the **MENU (S1)** button.

4.3

Operator Service Features

Programming References

- Station Programming (Section 2)
Flexible Button Assignment — Alert Button
(System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Hotel Application — Timed Reminder, Remote (Wake-Up Call)

Timed Reminder, Remote (Wake-Up Call)

The operator can remotely set or cancel the Timed Reminder of the desired extension.

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

<Operator only>

Display Operation (— KX-T7235 only)

Setting

1 Hotel [F10]

2 Check in
Check out
Wake up [F3]

3 123
456
789
*0# or []
extension number

4 Wake up Room: 2345
NEXT

5 123
456
789
*0#
hour and minute

6 0 or 1

7 0 or 1

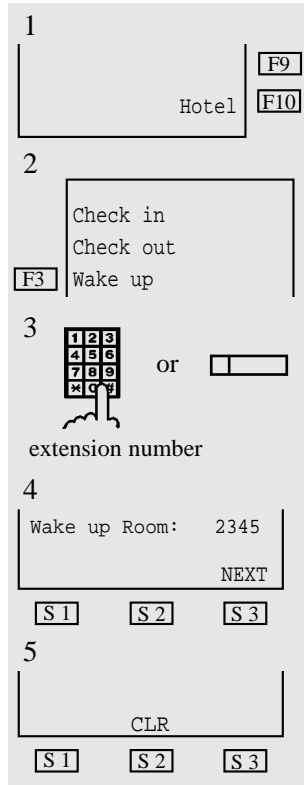
8 Wake up Room: 2345
Time (hh:mm): 07:00
AM/PM(0/1):
Daily Y/N(1/0): 0
END CLR PROG
[S1] [S2] [S3]

1. Press the **Hotel** (F10) button.
2. Press the **Wake up** (F3) button.
3. Dial the **extension number** or press the desired **DSS** button to set the wake-up reminder.
 - If you want to exit, press the END (S1) button.
4. Press the **NEXT** (S3) button.
 - If the wake-up reminder is already set, the current time is displayed. If not, the time is blank.
5. Enter the **hour** (01 through 12) and **minute** (00 through 59).
6. Dial **0** to enter AM, or **1** to enter PM.
7. Dial **0** for one time alarm setting,*¹ or dial **1** for a daily alarm setting.*²
 - You hear a confirmation tone.
 - *¹ You hear an alarm ringing at the preset time and then the setting is cleared.
 - *² You hear an alarm ringing at the preset time every day until the setting is changed or cancelled.
8. Press the **PROG** (S3) button.

4.3

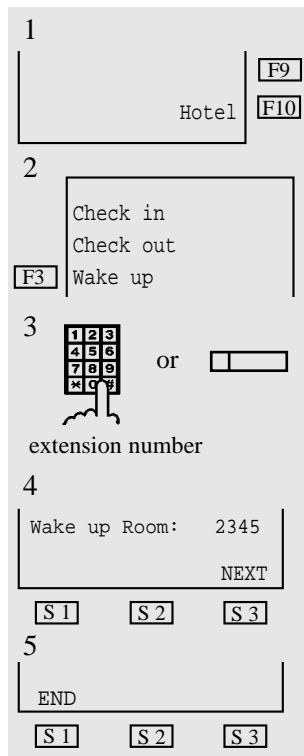
Operator Service Features

Canceling



1. Press the **Hotel** (F10) button.
2. Press the **Wake up** (F3) button.
3. Dial the **extension number** or press the **DSS** button.
4. Press the **NEXT** (S3) button.
5. Press the **CLR** (S2) button.

Checking the setting time



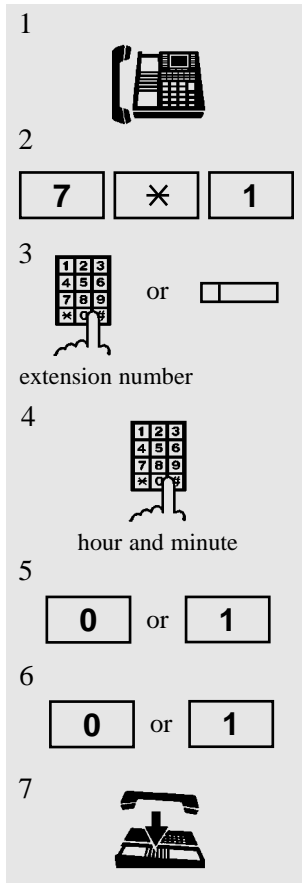
1. Press the **Hotel** (F10) button.
2. Press the **Wake up** (F3) button.
3. Dial the **extension number** or press the **DSS** button.
4. Press the **NEXT** (S3) button.
 - The setting time is displayed.
5. Press the **END** (S1) button.

4.3

Operator Service Features

Standard Operation

Setting

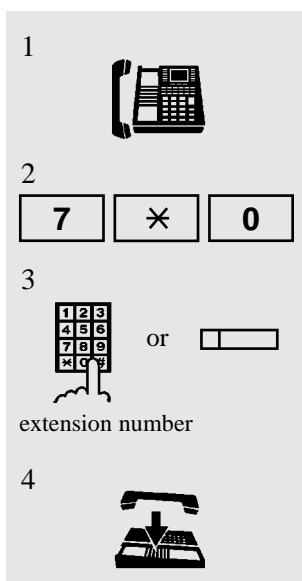


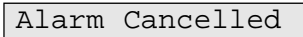
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (7*) and **1**.
3. Dial the desired **extension number** or **DSS** button.
4. Enter the **hour** (01 through 12) and the **minute** (00 through 59).
5. Dial **0** to enter AM, or **1** to enter PM.
6. Dial **0** for one time alarm setting,^{*1} or dial **1** for daily alarm setting.^{*2}
 - You hear a confirmation tone.
7. **Hang up** or press the **SP-PHONE/MONITOR** button.

^{*1} You hear an alarm ringing at the preset time and then the setting is cleared.

^{*2} You hear an alarm ringing at the preset time every day until the setting is changed or cancelled.

Cancelling

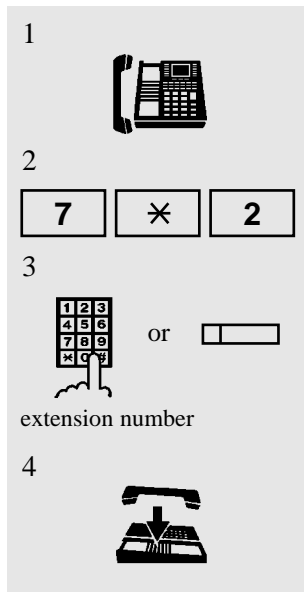


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (7*) and **0**.
3. Dial the desired **extension number** or **DSS** button on which you have set the Timed Reminder.
 - You hear a confirmation tone and then a dial tone.
 - The display shows:

4. **Hang up** or press the **SP-PHONE/MONITOR** button.

4.3

Operator Service Features

Checking the setting time (with a display PT only)



1. Lift the **handset** or press the **SP-PHONE** button.
2. Dial the **feature number** (7*) and **2**.
3. Dial the desired **extension number** or **DSS** button on which you have set the Timed Reminder.
<Example>
If “10:10” has been set, the display shows:

Alarm	10:10AM
-------	---------

 — only one time
or

Alarm	10:10AM*
-------	----------

 — everyday
4. **Hang up** or press the **SP-PHONE** button.

Conditions

- The system clock must be set beforehand.

Programming References

- System Programming — Installation Manual
[100] Flexible Numbering, Timed Reminder, Remote

Feature References

Timed Reminder

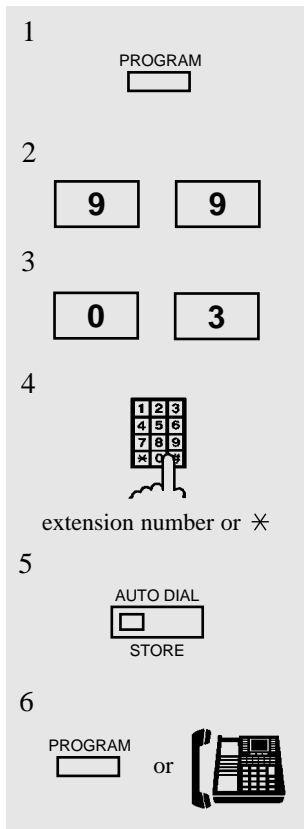
4.3

Operator Service Features

Live Call Screening Password Control†

DPT (72**)			
20	30	35	50
✓	✓	✓	✓

The operator can clear the password of Live Call Screening on any extension. If you forget the pre-set password, you may ask the operator to clear the password for you.



1. Press the **PROGRAM** button.

2. Dial **99**.

- You enter into the Station Programming mode.
- The display shows:

PT-PGM Mode

3. Dial **03**.

4. Dial the **extension number** or *****.

–extension number : to clear the password of the extension

– * : to clear the password of all extensions

- The display shows:

<Example>

EXT1234:Cancel?

5. Press **STORE** button.

- The **STORE** indicator light turns on.

6. Press the **PROGRAM** button or lift the **handset** to exit the Station Programming mode.

Feature References

Live Call Screening (LCS)

4.4 Special Display Features (— for KX-TD7235)

The KX-T7235 is provided with a large display that allows you to make calls or to access system facilities with ease. The display prompts you with information related to the desired feature. Examples of these special functions are:

- 1.) CO Outgoing Call Log
- 2.) Extension Dialing
- 3.) Station Speed Dialing
- 4.) System Feature Access Menu*
- 5.) System Speed Dialing

* **System Feature Access Menu** provides a display of the system features. The features available are as follows:

- 1.) Absent Message Capability
- 2.) Answering, Paging — External
- 3.) Answering, Paging — Group
- 4.) Background Music — External (Operator only)
- 5.) Call Park (Operator only)
- 6.) Call Pickup, Group
- 7.) Class of Service (COS) Switch (Operator only)
- 8.) Message Waiting
- 9.) Night Service (Operator only)
- 10.) Paging — External
- 11.) Paging — Group
- 12.) Paralleled Telephone Connection

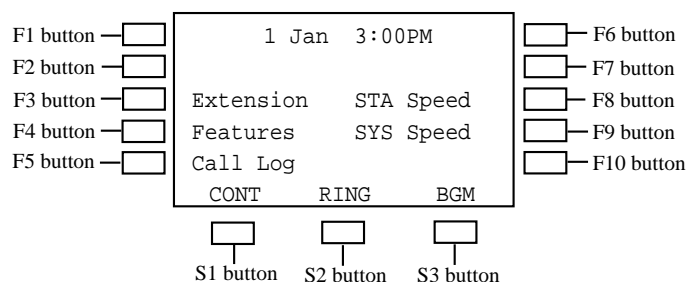
In addition to the above, on pressing the FWD/DND button after going off-hook, a new display appears. From this display, the following additional System Features can be operated.

- 1.) Call Forwarding — All Calls, Busy, No Answer, Busy/No Answer, to CO Line, Follow Me
- 2.) Do Not Disturb (DND)

About the Display and Buttons

The display shows information on various call activities.

Initial Display



4.4 Special Display Features (— for KX-TD7235)

There are three “Features” displays from the Initial Display.

a) The first display

— Accessible by pressing the Features (F4) button.

F1	External Paging (→0-4)	F6
F2	Group Paging (→00-16)	F7
F3	Group Pickup	F8
F4	Answer Ext-Page (→1-4)	F9
F5	Answer GRP-Page	F10
MENU PREV NEXT		
S1	S2	S3

b) The second display

— Accessible by pressing the NEXT (S3) button.

F1	Parallel On/Off (→1/0)	F6
F2	Message On (→ext)	F7
F3	Message Off (→ext)	F8
F4	Absent MSG On (→1-9)	F9
F5	Absent MSG Off	F10
MENU PREV NEXT		
S1	S2	S3

c) The third display (operator only)

— Accessible by pressing the NEXT (S3) button.

F1	Call Park (→0-9)	F6
F2	Night On/Off (→1/0)	F7
F3	Extrn BGM On/Off	F8
F4	COS Primary (→ext)	F9
F5	COS Secondary (→ext)	F10
MENU PREV NEXT		
S1	S2	S3

— To execute the “Call Park” and the “Night Service” features using the display function keys, refer to this section and for the others (BGM-External and Class of Service (COS) Switch), refer to the “Operator Service Features” (Section 4.3).

There are two further displays to operate the “Call Forwarding” and the “Do Not Disturb (DND)” features.

a) The first display

— Accessible by pressing the FWD/DND button after going off-hook.

F1	FWD/DND Cancel	F6
F2	Do Not Disturb	F7
F3	FWD-All Calls (→ext)	F8
F4	FWD-Busy (→ext)	F9
F5	FWD-No Answer (→ext)	F10
MENU PREV NEXT		
S1	S2	S3

b) The second display

— Accessible by pressing the NEXT (S3) button.

F1	FWD-BSY/NA (→ext)	F6
F2	FWD-CO Line (→dial)	F7
F3	FWD-From (→ext)	F8
F4	FWD-From Cancel (→ext)	F9
F5		F10
MENU PREV NEXT		
S1	S2	S3

— To execute the “Call Forwarding” and the “Do Not disturb (DND)” features, refer to the “DPT Features” (Section 4.2).

Helpful Information on Display Operation

- Press **CONT** (S1) to adjust the display contrast.
- Press **RING** (S2) to adjust the ringer volume.
- Press **BGM** (S3) to turn on/off the BGM.
- Press **MENU** (S1) to return to the initial display.
- Press **PREV** (S2) to return to the previous list.
- Press **NEXT** (S3) to advance to the next list.
- Press **ACCNT** (S3) to enter an account code.

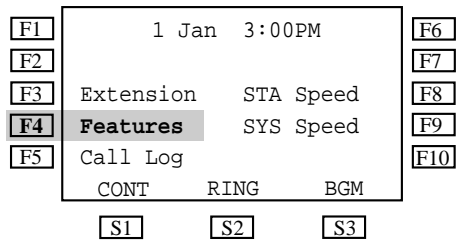
4.4 Special Display Features (— for KX-TD7235)

System Feature Access Menu (contd.)

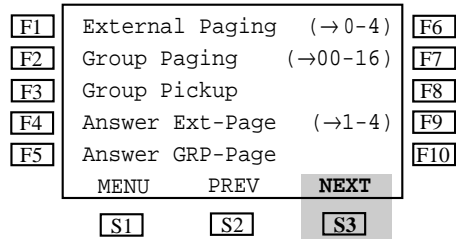
Night Service (Operator only)

Allows the operator to execute the Night Service feature with the display function keys.

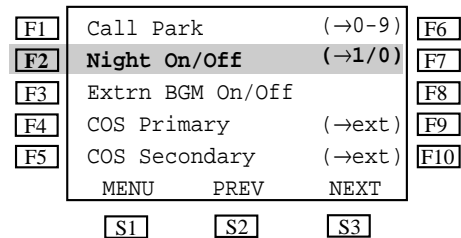
1. Press the **Features** (F4) button.



2. Press the **NEXT** (S3) button twice.



3. Press the **Night On/Off** (F2) button.



4. Dial **0** or **1**.

- 0 : for Manual Day mode
- 1 : for Manual Night mode

5. **Hang up** or press the **SP-PHONE** button.

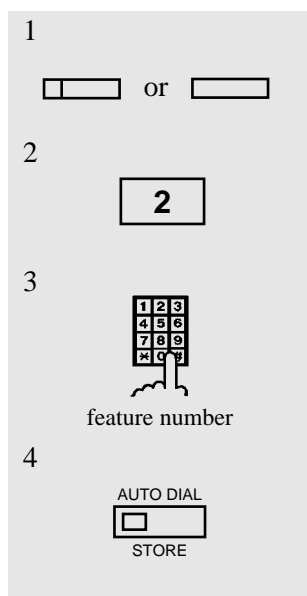
5.2

DSS Console Features

One-Touch Access Assignment for System Features

You can assign the desired feature number to a DSS or PF button.

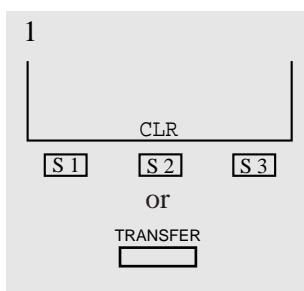
— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **DSS** or **PF** button on the console.
2. Dial **2** on the paired telephone.
3. Enter the desired **feature number** on the paired telephone.
<Example>
If you wish to gain access to the “Paging — All” feature, enter the feature number, 62*.
4. Press the **STORE** button on the paired telephone.
 - Repeat steps 1 through 4, to program numbers on other DSS or PF button.

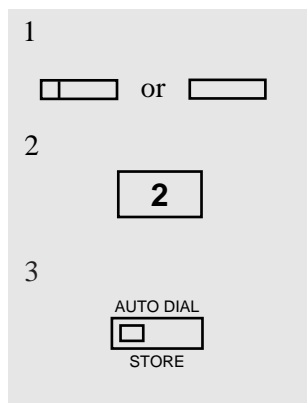
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

■ To correct an error while programming



1. Press the **CLR** button (S2) or the **TRANSFER** (CLEAR) button on the paired telephone and complete programming.
(The TRANSFER button becomes the CLEAR button when using the overlay.)

■ To erase after programming



1. Press the **DSS** or **PF** button you wish to erase on the console.
2. Press **2** on the paired telephone.
3. Press the **STORE** button on the paired telephone.
 - The number is erased.

5.2

DSS Console Features

Conditions

- DSS buttons can be changed to any of the following function buttons through Station Programming:
 - a) Account Button
 - b) *Another* DSS Button (Every DSS button can be assigned to another extension number.)
 - c) Conference (CONF) Button
 - d) FWD/DND Button
 - e) Message Waiting (MESSAGE) Button
 - f) Night Button
 - g) One-Touch Dialing Button
 - h) One-Touch Dialing with Auto Hold Button
 - i) Phantom Button
 - j) SAVE Button
 - k) Terminate Button
 - l) Two-Way Record Button[†]
 - m) Two-Way Transfer Button[†]
 - n) Voice Mail (VM) Transfer Button
- PF buttons can be changed to any of the following function buttons through Station Programming:
 - a) Account Button
 - b) Conference (CONF) Button
 - c) FWD/DND Button
 - d) One-Touch Dialing Button
 - e) One-Touch Dialing with Auto Hold Button
 - f) SAVE Button
 - g) Terminate Button
 - h) Voice Mail (VM) Transfer Button
- When the STORE button is pressed after programming, you will hear beep tones as follows:
 - One beep : The entry is changed from the one that was previously stored.
 - Two beeps : The entry is the same as what was previously stored.

Programming References

- Station Programming (Section 2)
 - Flexible Button Assignment — Account Button, Conference (CONF) Button, DSS Button, FWD/DND Button, Message Waiting (MESSAGE) Button, Night Button, One-Touch Dialing Button, One-Touch Dialing with Auto Hold button, Phantom Button, SAVE Button, Terminate Button, Two-Way Record Button[†], Two-Way Transfer Button[†], Voice Mail (VM) Transfer Button
- System Programming — Installation Manual
 - [007] DSS Console Port and Paired Telephone Assignment
 - [108] One-Touch Transfer by DSS Button

[†]: Available when the Digital Super Hybrid System is connected to a Proprietary Telephone capable Panasonic Voice Processing System (one that supports proprietary telephone integration; e.g. KX-TVP100)

Section 6

SLT and ISDN Telephone Features

Contents

6.1	<i>Basic Operation</i>	6-2
	<i>Making Calls</i>	6-2
	<i>Receiving Calls</i>	6-3
6.2	<i>SLT and ISDN Telephone Features (A - Z)</i>	6-4
6.3	<i>ISDN Telephone Features</i>	A132

<Note>

If you use loop disconnect (LD) type single line telephone:

It is not possible to have access to the features which have “*” or “#” in their feature numbers.

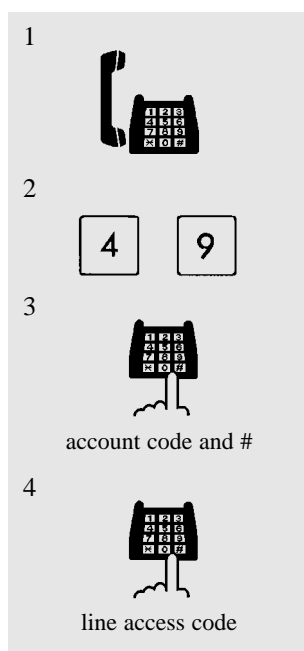
When the “Pickup Dialing (Hot Line)” feature is set on your telephone, your dialing sequence should be done within a certain period of time (Pickup Dial Waiting Time — default: 1 sec.) after lifting the handset. To change the time, refer to the System Programming in the Installation Manual.

In this manual, the default feature numbers are used to describe each operation and illustration. Use newly programmed numbers if you have changed the number by System Programming.

Account Code Entry

An Account Code is used to identify incoming and outgoing outside calls, for accounting and billing purposes. The account code is appended to the “Station Message Detail Recording (SMDR)” call record. For incoming outside calls, account codes are not required. For outgoing outside calls, account codes are often required. You can enter account codes in the following three modes: Verified - All Calls mode; Verified - Toll Restriction Override mode; and Option mode. One mode is selected for each extension on a “Class of Service*” basis.

Entering account codes



1. Lift the **handset**.
2. Dial the **feature number** (49).
 - No tone is returned.
3. Dial the **account code** and #.
 - You may dial 99 instead of “#.”
 - You hear a confirmation tone and then a dial tone.
4. Dial the **line access code** (9 or 81 through 88) and dial.

Conditions

In “Verified - All Calls” mode

- You must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory:
 - a) Call Forwarding — to CO Line
 - b) Manual Dialing (Selecting a CO line)
 - c) Pickup Dialing (Hot Line)
 - d) Redial, Last Number
 - e) Station Speed Dialing
 - f) System Speed Dialing

In “Verified - Toll Restriction Override” mode

- You can enter a pre-assigned account code only when you need to override toll restriction (Toll Restriction Override by Account Code Entry).

In “Option” mode

- You can enter any account code when needed. It is possible to record a calling or called party’s account code in the SMDR within fifteen seconds after the other party hangs up.

General

- It is not possible to enter an account code while having a conversation or hearing reorder tone.
- There is no need for an account code entry when receiving incoming calls.
- Dialing “*” while entering an account code allows you to clear the number and re-enter.
- Pressing the Register Recall button while entering an account code cancels the entry.
- An account code can be up to five numeric digits (0 through 9). After entering an account code, the delimiter “#” or “99” must be entered (the entered account code should not be “99” nor end with “9”).
- An account code can be stored into Memory Dialing (“Pickup Dialing (Hot Line),” “System/Station Speed Dialing,” “Call Forwarding — to CO Line”). The sequence to enter an account code into Memory Dialing is as follows:
 - [Feature Number] [Account Code] [#] [Line Access Code] [Phone Number]
 - or
 - [Feature Number] [Account Code] [99] [Line Access Code] [Phone Number]
- If an entered account code does not match a stored account code when making a CO call, a reorder tone is returned.
- If an entered account code matches a pre-assigned account code when making a CO call, the charge fee of the account code is totalized.
- If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR.

Programming References

- Station Programming (Section 2)
 - Charge Fee Reference — Account Code Charge Fee Reference, Account Code Set
- System Programming — Installation Manual & Installation Manual Addendum
 - [105] Account Codes
 - [508] Account Code Entry Mode
 - [601] Class of Service

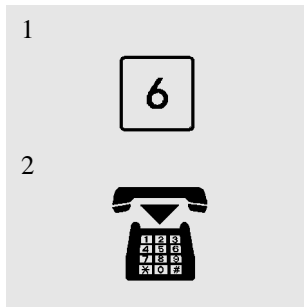
Feature References

Station Message Detail Recording (SMDR) (→ see Installation Manual)
Toll Restriction Override by Account Code Entry

- * Class of Service (COS) is used to define the features which are allowed for a group of extension. Refer to the Installation Manual for programming and more details.

Automatic Callback Busy (Camp-On)

When the selected CO line or extension you have dialed is busy, dial the camp-on code and hang up. Your telephone will ring when the called party is idle.

Setting

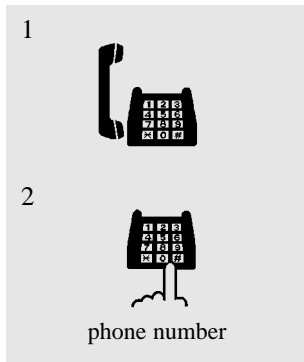
If you make a call and hear a busy tone;

1. Dial **6**.
 - You hear a confirmation tone and then a reorder tone.
2. **Hang up**.
 - Wait until the telephone rings back.

Answering an intercom recall

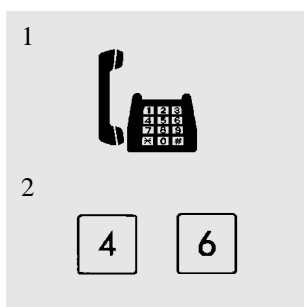
If you hear the telephone ringing;

1. Lift the **handset**.
 - You hear a ringback tone and the called extension rings automatically.

Answering a CO line recall

If you hear the telephone ringing;

1. Lift the **handset**.
 - You hear a dial tone.
2. Dial the **phone number** of the outside party.

Cancelling

1. Lift the **handset**.
2. Dial the **feature number** (46).

6.2 *SLT and ISDN Telephone Features*

A

3



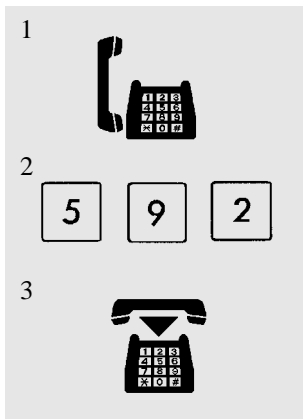
3. **Hang up.**

Conditions

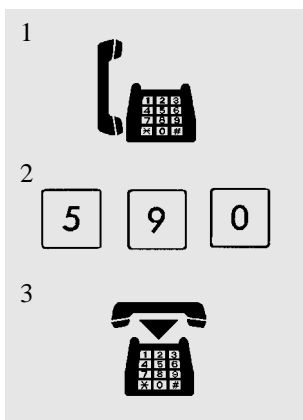
- If you do not answer before four callback ring signals (within 10 seconds), this feature will be automatically cancelled.
- If the called party becomes busy again after the callback ringing starts, ringing stops but this feature will be executed again when the extension becomes free.

Calling Line Identification Restriction (CLIR)

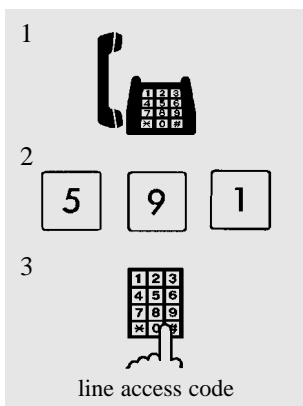
Allows you to restrict the presentation of your number to the called party when you make a call. You can set the called party to see your number on the display once or continuously. This feature is an ISDN service.

To restrict the presentation of your number to the called party

1. Lift the **handset**.
2. Dial the **feature number** (59) and **2**.
3. **Hang up**.

To present your number to the called party

1. Lift the **handset**.
2. Dial the **feature number** (59) and **0**.
3. **Hang up**.

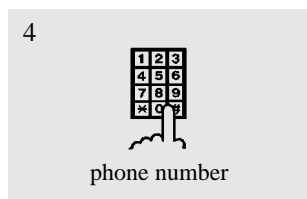
To change the current setting just for this call

1. Lift the **handset**.
2. Dial the **feature number** (59) and **1**.
3. Dial the **line access code** (9 or 81 through 88).

6.2 *SLT and ISDN Telephone Features*

C

4



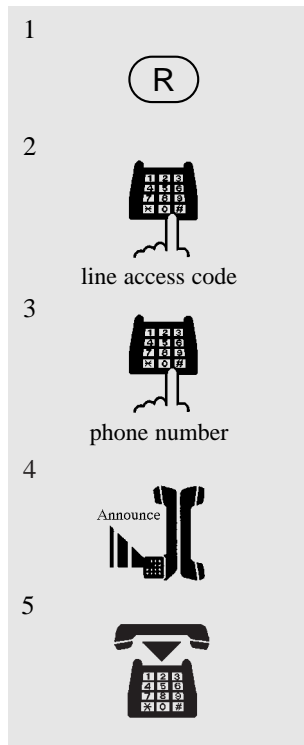
4. Dial the **phone number**.

Programming References

- System Programming — Installation Manual Addendum
 - [419] Subscriber Number Assignment
 - [516] Calling Line Identification Restriction

Call Transfer — to CO Line

Allows you to transfer an intercom call to a CO line by a Screened Call Transfer.

Screened Call Transfer

While having a conversation;

1. Press the **Register Recall** button.
 - The other party is placed on hold.
 - You hear a confirmation tone and then a dial tone.
2. Dial the **line access code** (9 or 81 through 88).
3. Dial the **phone number** where calls will be transferred.
4. **Wait** for an answer and **announce**.
5. **Hang up**.
 - The call is transferred.

Conditions

- If you want to return to the held call, press the Register Recall button before the destination party answers.
- “Class of Service” programming determines the extensions that can perform this feature.

Programming References

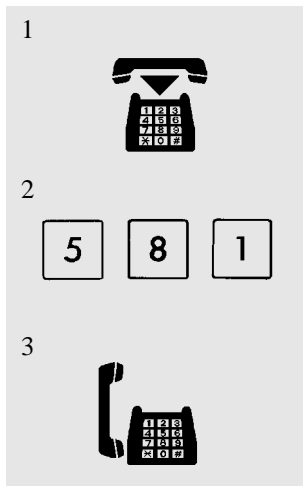
- System Programming — Installation Manual
 - [503] Call Transfer to CO Line
 - [601] Class of Service
 - [990] System Additional Information, Field (1)

6.2 SLT and ISDN Telephone Features

Connected Line Identification Restriction (COLR)

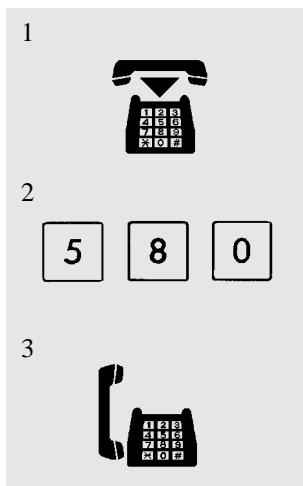
Allows you to restrict the presentation of your number to the calling party when you receive the incoming call. You can set the calling party not to see your number on the display. This feature is an ISDN service.

To restrict the presentation of your number to the calling party



1. Lift the **handset**.
2. Dial the **feature number** (58) and **1**.
3. **Hang up**.

To present your number to the calling party



1. Lift the **handset**.
2. Dial the **feature number** (58) and **0**.
3. **Hang up**.

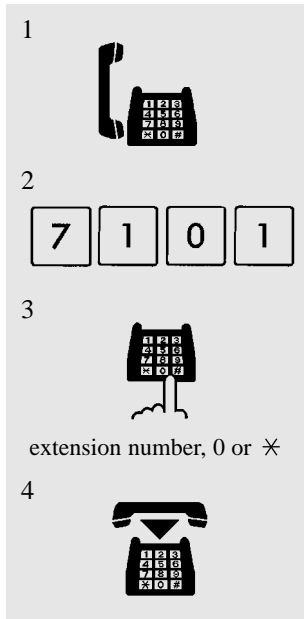
Programming References

- System Programming — Installation Manual Addendum
 - [419] Subscriber Number Assignment
 - [517] Connected Line Identification Restriction

Do Not Disturb (DND)

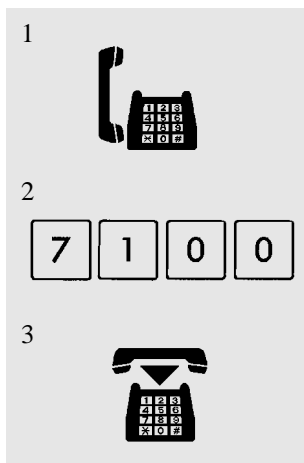
Allows you to deny an incoming intercom call or transfer an incoming CO call to the backup station.

Setting



1. Lift the **handset**.
2. Dial the **feature number** (710) and **1**.
3. Dial the **extension number, 0** (to operator) for the backup station or * (no backup).
 - You hear a confirmation tone and then a dial tone.
4. **Hang up**.

Cancelling



1. Lift the **handset**.
2. Dial the **feature number** (710) and **0**.
 - You hear a confirmation tone and then a dial tone.
3. **Hang up**.

Conditions

- When this feature is set, an incoming outside call (directed by Intercept Routing or DIL 1:1 extension) will be automatically transferred to the backup station (pre-assigned extension). An incoming intercom call will send the DND tone to your extension.
- If the extension is already set as the destination of the “Call Forwarding,” “Do Not Disturb (DND)” and “Do Not Disturb for Direct Dial In Calls” features, you cannot set this feature and when you set this feature, you hear a reorder tone.
- While the operator is set as the destination of the “Do Not Disturb (DND)” feature, even if the operator is different from Day mode and Night mode, an incoming call will be transferred to an operator. If the operator is not assigned, an incoming call will be transferred to the IRNA.
- A calling extension that has “Do Not Disturb (DND) Override” enabled can override your extension when it is set to “Do Not Disturb (DND)” mode.

Feature References

Call Forwarding

Do Not Disturb (DND) Override

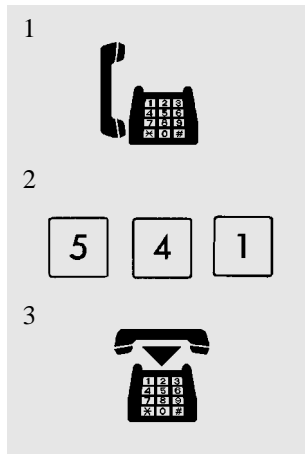
Do Not Disturb for Direct Dialing In Calls

Intercept Routing (→ see Installation Manual)

Do Not Disturb for Direct Dialing In Calls

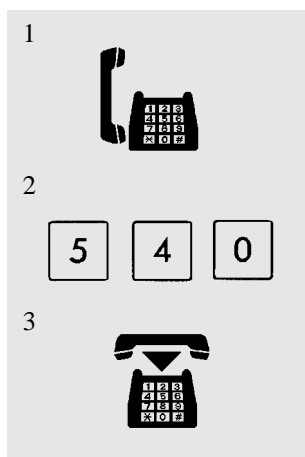
Allows you to set “Do Not Disturb (DND)” feature for Direct Dialing In (DDI) calls. Direct Dialing In calls will be transferred to the operator. The operator cannot set this feature.

Setting



1. Lift the **handset**.
2. Dial the **feature number** (54) and **1**.
 - You hear a confirmation tone and then a dial tone.
3. **Hang up**.

Cancelling



1. Lift the **handset**.
2. Dial the **feature number** (54) and **0**.
 - You hear a confirmation tone and then a dial tone.
3. **Hang up**.

Conditions

- When this feature is set, an incoming call (directed by Intercept Routing or DIL 1:1, DIL 1:N) can be answered.
- Even if this feature is set, your extension does not deny Direct Dialing In calls the following cases:
 - 1) The destination of DDI calls is UCD group.
 - 2) The destination of DDI calls is the Hunting group number that has set this feature.

6.2 *SLT and ISDN Telephone Features*

D

- When you set this feature, “Call Forwarding” and “Do Not Disturb (DND)” features will be cancelled.
- While you set this feature, if you go off-hook, you hear a special dial tone.

Feature References

Call Forwarding

Do Not Disturb (DND)

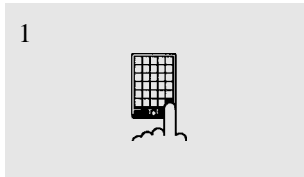
Do Not Disturb (DND) Override

Direct Dialing In (→ See Installation Manual)

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

Calling an extension from a doorphone



1. Press the **Doorphone** button.
 - The visitor hears a beep.
 - Wait for an answer and talk.

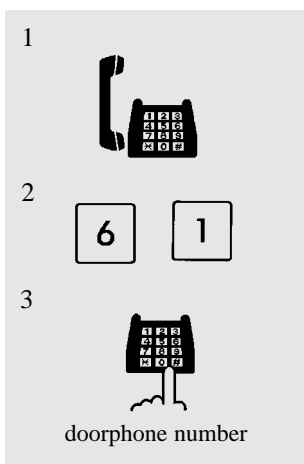
Answering a doorphone call



When you hear the doorphone ring tone at the extension;

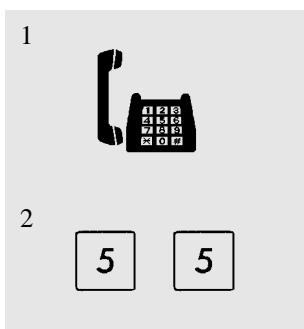
1. Lift the **handset**.

Calling a doorphone



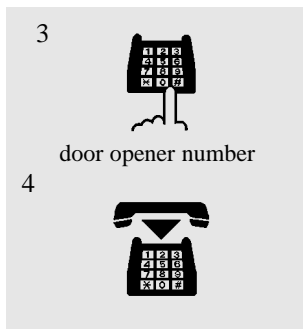
1. Lift the **handset**.
2. Dial the **feature number** (61).
3. Dial a **doorphone number** (1 through 4) as follows.
 - You can talk after you hear a confirmation tone.

To unlock the door from an assigned extension



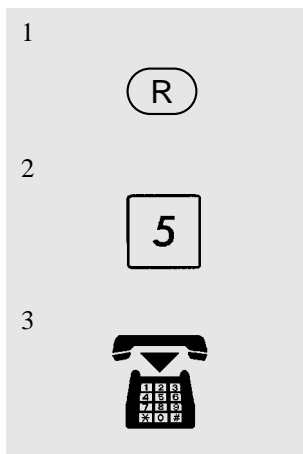
1. Lift the **handset**.
2. Dial the **feature number** (55).

6.2 SLT and ISDN Telephone Features



3. Dial a **door opener number** (1 through 4) as follows.
 - You hear a confirmation tone.
 - The door is left unlocked for 5 seconds.
4. **Hang up.**

To unlock the door while talking to the doorphone from any extension



1. Press the **Register Recall** button.
 - You hear a confirmation tone and then a dial tone.
2. Dial **5**.
 - You hear a confirmation tone.
 - The door is left unlocked for 5 seconds.
3. **Hang up.**

Conditions

- You must dial 5 within ten seconds after pressing the Register Recall button.
- If you do not answer an incoming doorphone call within thirty seconds, the call is cancelled.
- You must program the extensions that can receive calls from each doorphone for day and night mode.
- “Class of Service” programming determines the extension that can unlock the door.
- It is possible for any extension users to originate a call to a doorphone.
- The door opener 1 through 4 can be unlocked using the feature number, while the doors which are paired with the doorphone 1 through 4 can be unlocked while talking to the doorphone.
- The door opener 1 and 2 and the doorphone 1 and 2 are related to the master cabinet, the door opener 3 and 4 and the doorphone 3 and 4 are related to the slave cabinet.

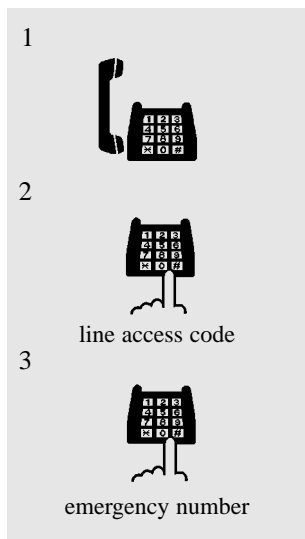
Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [122] Automatic Door Open Assignment
 - [511] Door Opener Access
 - [607]–[608] Doorphone Ringing Assignment — Day/Night
 - [625]–[626] Doorphone Call Forwarding — Day/Night

Emergency Call

Allows you to make an emergency CO call without dial restriction. You can store up to ten emergency numbers.

Dialing



1. Lift the **handset**.
 - You hear a dial tone.
2. Dial the **line access code** (9 or 81 through 88).
3. Dial the desired **emergency number**.

Conditions

- The emergency call will override the toll restriction level, the “Electric Station Lockout” feature, and the account code mode, “Verified — All Calls” or “Verified — Toll Restriction Override.”

Programming References

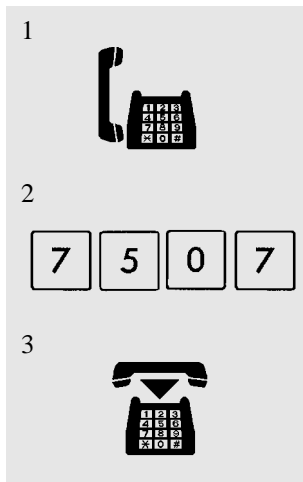
- System Programming — Installation Manual
[311] Emergency Dial Set

Hotel Application

Room Management

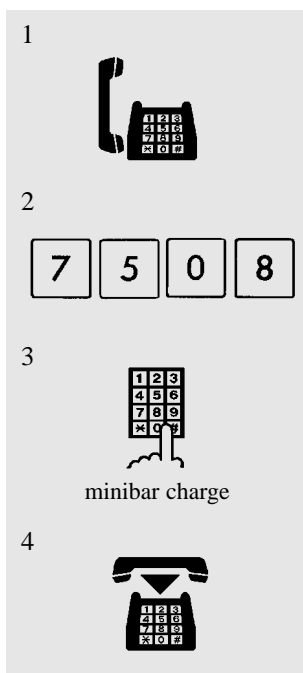
Allows you to print out the information of a guest room (e.g., cleaning status of the room and the total of the minibar charge) with a telephone in each room. Messages No.6-No.9 can be printed out.

<Example> Message 7: "Cleaned-up"



1. Lift the **handset**.
2. Dial the **feature number** (750) and **7**.
3. **Hang up**.

<Example> Message 8: "Minibar \$ %%.%"



1. Lift the **handset**.
2. Dial the **feature number** (750) and **8**.
3. Enter the **minibar charge**.
4. **Hang up**.

Data similar to below is printed out.

<i>Date</i>	<i>Time</i>	<i>Ext</i>	<i>CO</i>	<i>Dial Number</i>	<i>ANS</i>	<i>Duration</i>	<i>Cost</i>	<i>Acc</i>	<i>CD</i>
24.03.95	14:09	221		Cleaned-up					
24.03.95	10:23	230		Minibar \$ 535.5					

Conditions

- System Programming is required to program the messages.
- This operation is the same as the Absent Message feature.
- It is necessary to assign [990] “System Additional Information, Field (34)” through System Programming beforehand.

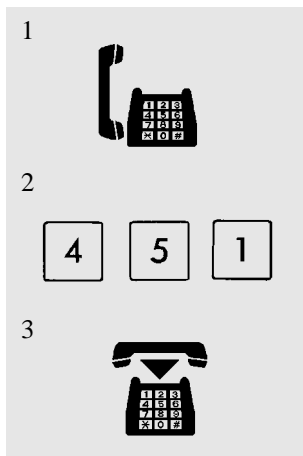
Programming References

- User Programming (Manager Programming) (Section 3)
[008] Absent Messages
- System Programming — Installation Manual & Installation Manual Addendum
[008] Absent Messages
[990] System Additional Information, Field (34)

Log-In / Log-Out

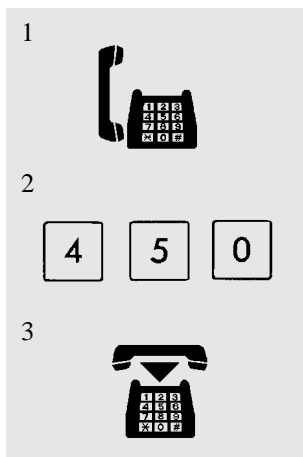
Allows you to select the log-in mode or log-out mode within the hunting or UCD group. When in the log-out mode, you can leave the group temporarily, preventing hunting calls being sent to your extension.

Log-In



1. Lift the **handset**.
2. Dial the **feature number** (45) and **1**.
 - You hear a confirmation tone.
3. **Hang up**.

Log-Out



1. Lift the **handset**.
2. Dial the **feature number** (45) and **0**.
 - You hear a confirmation tone.
3. **Hang up**.

Conditions

- Default is “Log-In” mode.
- There should be at least one extension that is in log-in mode. Only one log-in extension cannot be set in log-out mode.

Feature References

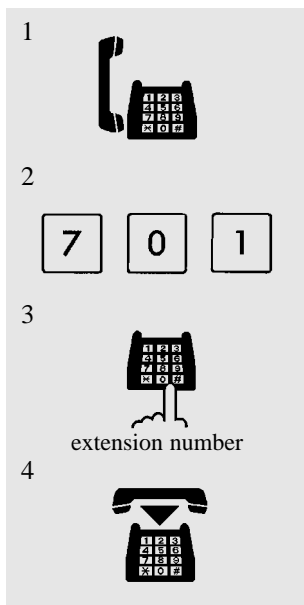
Uniform Call Distribution (UCD)

Station Hunting (→ see Installation Manual Addendum)

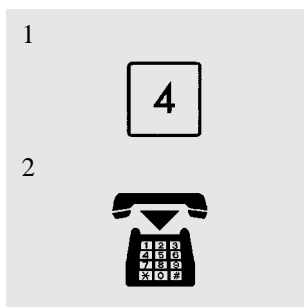
Message Waiting

Allows you to leave a message for another extension. If the destination extension is provided with a message waiting lamp, it will be lit. Even if a lamp is not provided, the extension will provide a special ringing and dial tone (dial tone 4*) to indicate that a message has been received.

Setting



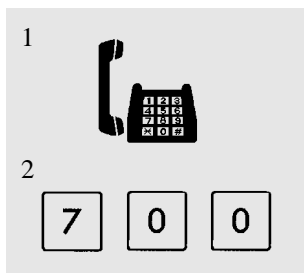
1. Lift the **handset**.
2. Dial the **feature number (70)** and **1**.
3. Dial the **extension number** where calls will be left.
 - You hear a confirmation tone and then a dial tone.
4. **Hang up**.



If the called extension is busy;

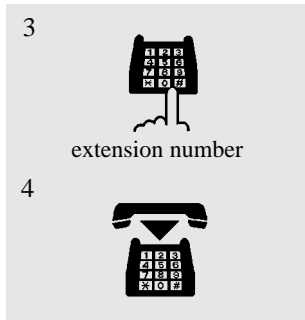
1. Dial **4**.
 - You hear a confirmation tone and then a dial tone.
 - You must dial 4 within 5 seconds after dialing extension number.
2. **Hang up**.

Cancelling



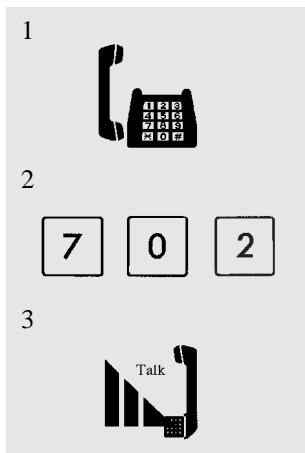
1. Lift the **handset**.
2. Dial the **feature number (70)** and **0**.

6.2 SLT and ISDN Telephone Features



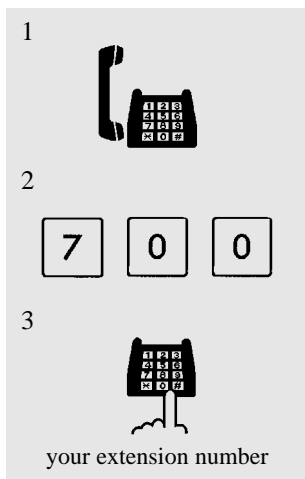
3. Dial the **extension number** where you left a message.
 - You hear a confirmation tone and then a dial tone.
- 4 **Hang up.**

Calling back the message sender



1. Lift the **handset**.
 - You hear dial tone 4.*
2. Dial the **feature number (70)** and **2**.
 - If you have more than one message at your extension, the line is connected to the message sender which you select.
3. Start **talking**.
 - The message is cleared after the conversation.

Clearing all messages by the message receiver



1. Lift the **handset**.
 - You hear a dial tone 4.*
2. Dial the **feature number (70)** and **0**.
3. Dial *your (message receiver's)* **extension number**.
 - All messages are cleared.

Conditions

- If multiple messages are left at your extension, calling back is executed in the received order.
- The system supports a maximum of 128 simultaneous messages. If you try to set the 129th message, you hear a reorder tone.
- The special ringing tone rings three times at 5 second intervals after which there is an interval of programmable length. The length of this programmable interval can be set by System Programming.
- If you set the length of the interval to zero, the special ringing tone doesn't ring.
- If you hear dial tone 4* after going off-hook, there is a message at your extension.

*One of the dial tones. Refer to "Tone List" in the Appendix (Section 8).

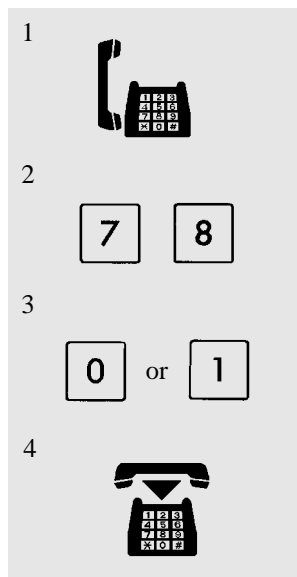
Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [214] Message Waiting Ring Internal Time
 - [990] System Additional Information, Field (9)

Night Service

This system supports both the Night and Day modes of operation. The system operation for originating and receiving calls can be different in night and day modes. Toll restriction calls can be programmed to prevent unauthorized toll calls at night. Day/Night mode can be switched manually at anytime desired.

Manual Night Service



1. Lift the **handset**.
2. Dial the **feature number** (78).
3. Dial **0** or **1**.
 - 0 : from Night mode to Day mode
 - 1 : from Day mode to Night mode
 - You hear a confirmation tone.
4. **Hang up**.

Conditions

- The following items have separate day and night programming:
 - 1) Outgoing Permitted CO Line Assignment
 - 2) Direct In Lines (DIL)
 - 3) Doorphone Ringing Assignment
 - 4) Intercept Routing
 - 5) Ringing, Delayed
 - 6) Toll Restriction Level
 - 7) Toll Restriction for System Speed Dialing
 - 8) Operator Assignment
- “Class of Service” programming determines the extensions that can perform this feature.
- The Day/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 5:00 p.m. for all nights of the week) if automatic switching mode is selected in System Programming.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [101] Day/Night Service Switching Mode
 - [102] Day/Night Service Starting Time
 - [513] Night Service Access
 - [601] Class of Service

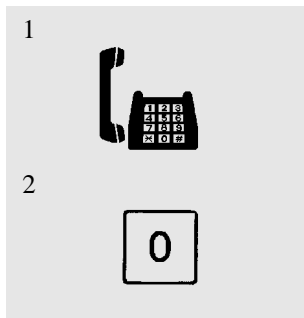
Feature References

- CO Line Connection Assignment — Outgoing (→ see Installation Manual)
- Direct In Lines (DIL) (→ see Installation Manual)
- Doorphone Call
- Intercept Routing (→ see Installation Manual Addendum)
- Ringing, Delayed (→ see Installation Manual)
- System Feature Access Menu — Night Service (4.4/Special Display Features)
- Toll Restriction (→ see Installation Manual)

Operator Call

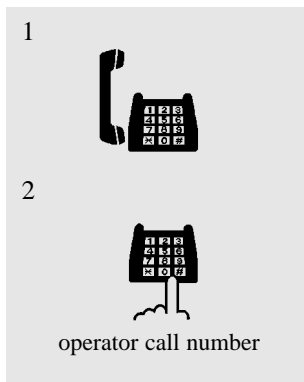
Allows you to call an operator within the system. There can be up to two extensions assigned as Operator 1 and 2. If there is only one operator or if you do not specify the operator, you should generate the General call. If you want to specify the operator, you should generate the Specific call by pressing a pre-assigned operator call number.

General call



1. Lift the **handset**.
2. Dial the **feature number (0)**.

Specific call



1. Lift the **handset**.
2. Dial the **operator call number** for each operator.

Conditions

- If you generate the General call for two operators, Operator 2 will receive your call if Operator 1 is busy.
- If an operator is not assigned, this feature is not available; you will hear the reorder tone.

Programming References

- System Programming — Installation Manual & Installation Manual Addendum
 - [006] Operator / Manager Extension Assignment — Day / Night
 - [100] Flexible Numbering, Operator call, Operator 1 call, Operator 2 call

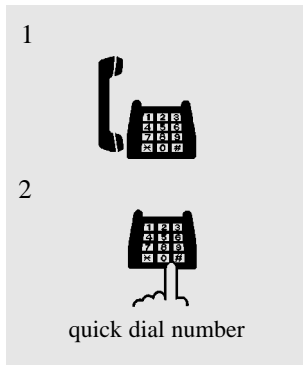
Q

6.2 *SLT and ISDN Telephone Features*

Quick Dialing

Allows you to make a quick dial call by pressing a pre-assigned quick dial number.

Dialing



1. Lift the **handset**.
2. Dial the **quick dial number**.

Conditions

- Up to 80 quick dial numbers can be stored by System Programming.
- You must assign a feature number first in program [104] “Quick Dial Assignment,” and then a quick dial number in program [009] “Quick Dial Number Set” in order for Quick Dial to be effective.
- For example, Quick Dialing is convenient for room service calls in a hotel.

Programming References

- System Programming — Installation Manual Addendum
 - [009] Quick Dial Number Set
 - [104] Quick Dial Assignment

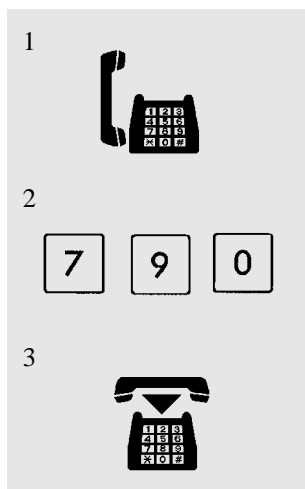
6.2 *SLT and ISDN Telephone Features*

Station Feature Clear

Allows you to reset the following station features to the default settings.

- a) Absent Message Capability
- b) Automatic Callback Busy (Camp-On)
- c) Call Forwarding
- d) Call Pickup Deny
- e) Call Waiting
- f) Calling Line Identification Restriction (CLIR)
- g) CO Incoming Call Information Log
- h) Connected Line Identification Restriction (COLR)
- i) Do Not Disturb (DND)
- j) Log-In
- k) Message Waiting – (All messages will be removed)
- l) Pickup Dialing (Hot Line) – (The stored telephone number will be removed)
- m) Timed Reminder

Clearing current feature setting



1. Lift the **handset**.
2. Dial the **feature number** (790).
 - You hear a confirmation tone and then a dial tone.
3. **Hang up**.

Toll Restriction Override for System Speed Dialing

Calls originated by “System Speed Dialing” are restricted depending on the extension’s toll restriction level.

Programming References

- System Programming — Installation Manual Addendum
[509]–[510] Toll Restriction Level for System Speed Dialing — Day/Night

Feature References

System Speed Dialing
Toll Restriction (→ see Installation Manual)

Uniform Call Distribution (UCD)

Allows incoming calls (CO line, extension) to be distributed uniformly to a specific group of extensions called a UCD group. Calls to a UCD group queue up, and the head of the queue searches for an idle extension.

Conditions

- UCD can be used in the following cases:
 - a) The floating number* of UCD is assigned as the DIL 1:1 destination.
 - b) The floating number* of UCD is assigned as the Intercept Routing destination.
 - c) The floating number* of UCD is dialed from the extension.
 - d) The floating number* of UCD is dialed as the DDI destination.
- The floating number* can be assigned on a hunting group basis and UCD group is based on the hunting group.
- A UCD call can arrive at extensions in the log-in status within the UCD group, and cannot arrive at extensions in the log-out status.
- You can select log-in or log-out on the extensions.

Programming References

- System Programming — Installation Manual Addendum
 - [106] Station Hunting Type
 - [813] Floating Number Assignment

Feature Reference

Log-In / Log-Out

- * Floating Number (FN) is a virtual extension number for a resource to make it appear to be an extension. Refer to the Installation Manual.

6.3

ISDN Telephone Features

The KX-TD1232 users can use ISDN telephones in addition to proprietary telephones and single line telephones. The features are almost the same as ones of the single line telephone. There are, however, some features that are unavailable for ISDN telephones as shown below. As for available features, see Chapter 6.2 SLT and ISDN telephone Features.

Features unavailable for ISDN telephones

- Account Code Entry
Dialing “99” instead of “#” as the delimiter makes this feature available.
- Alternate Calling — Ring/Voice
- Automatic Callback Busy (Camp-On)
- Call Forwarding
- Call Hold
- Call Pickup, Group
- Call Waiting
- Conference
- Do Not Disturb (DND)
- Do Not Disturb (DND) Override
- Doorphone Call
- *To unlock the door while talking to the doorphone*
- Log-In / Log-Out
- Message Waiting
- Paging — ANSWER
- *Answering a page sent to the built-in speaker*
- Paralleled Telephone Connection
- Pickup Dialing (Hot Line)
- Station Speed Dialing
- Timed Reminder

2

Station Programming**Flexible Button Assignment****— Alert Button**

- Enter into programming mode.
- Press the desired CO button.
- Dial 87.
- Press STORE button.
- Exit from programming mode.

— Hurry Up Button

- Enter into programming mode.
- Press the desired CO button.
- Dial 81 + extension number.
- Press STORE button.
- Exit from programming mode.

— Live Call Screening (LCS) Button[†]

- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 85.
- Press STORE button.
- Exit from programming mode.

— Live Call Screening (LSC) Cancel Button[†]

- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 86.
- Press STORE button.
- Exit from programming mode.

— Log-In/Log-Out Button

- Enter into programming mode.
- Press the desired CO button.
- Dial 80.
- Press STORE button.
- Exit from programming mode.

— Night Button

- Enter into programming mode.
- Press the desired Flexible button.
- Dial 8*.
- Press the STORE button.
- Exit from programming mode.

— One-Touch Dialing with Auto Hold Button

- Enter into programming mode.
- Press the desired Flexible button.
- Dial 8#.
- Dial the desired number.
- Exit from programming mode.

— Phantom Button

- Enter into programming mode.
- Press the desired Flexible button.
- Dial 88.
- Dial the phantom extension number.
- Press the STORE button.
- Exit from programming mode.

— Terminate Button

- Enter into programming mode.
- Press the desired Flexible button.
- Dial 9.
- Press STORE button.
- Exit from programming mode.

— Two-Way Record Button[†]

- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 83 + extension number of the Voice Mail.
- Press STORE button.
- Exit from programming mode.

— Two-Way Transfer Button[†]

- Enter into programming mode.
- Press the desired CO or DSS button.
- Dial 84 + extension number of the Voice Mail.
- Press STORE button.
- Exit from programming mode.

Flexible Call Screening Mode Set[†]

- Enter into programming mode.
- Dial *1.
- Dial 1 or 2.
 - 1 : Hands-free mode
 - 2 : Private mode
- Press STORE button.
- Exit from programming mode.

[†]: Available when the Digital Super Hybrid System is connected to a Proprietary Telephone capable Panasonic Voice Processing System (one that supports proprietary telephone integration; e.g. KX-TVP100)

☐ Phantom Extension Bell On/Off Setting

- Enter into programming mode.
- Press the phantom button twice.
- Dial 1 or 2
 - 1 : Ring off – 2 : Ring on
- Press the STORE button.
- Exit from programming mode.

☐ Ringing Tone Selection for Intercom Button

- Enter into programming mode.
- Press the Intercom button.
- Press the Intercom button again.
- Dial the tone type number (1 through 8).
- Press the STORE button.
- Exit from programming mode.

3 User Programming (Manager Programming)

- To enter programming mode
(Be sure the telephone is idle and on-hook.)
Press:
(default: 1234)
- To exit programming mode
Press: or lift the handset

☐ 000 Date and Time Set

1. Enter 000.
2. Press NEXT.
3. Enter the day.
4. Press →.
5. Press SELECT until the desired selection is displayed.
6. Press →.
7. Enter the year.
8. Press →.
9. Press SELECT until the desired selection is displayed.
10. Press STORE.
11. Press NEXT.
12. Enter the hour.
13. Press →.
14. Enter the minute.
15. Press →.
16. Press SELECT for AM or PM.
17. Press STORE.
18. Press END.

☐ 001 System Speed Dialing Number Set

1. Enter 001.
2. Press NEXT.
3. Enter a speed dial number.
4. Enter a telephone number.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired speed dial number.
7. Repeat steps 4 through 6.
8. Press END.

☐ 002 System Speed Dialing Name Set

1. Enter 002.
2. Press NEXT.
3. Enter a speed dial number.
4. Enter a name.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired speed dial number.
7. Repeat steps 4 through 6.
8. Press END.

☐ 003 Extension Number Set

1. Enter 003.
2. Press NEXT.
3. Enter a jack number.
4. Enter an extension number.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired jack number.
7. Repeat steps 4 through 6.
8. Press END.

☐ 004 Extension Name Set

1. Enter 004.
2. Press NEXT.
3. Enter a jack number.
4. Enter a name.
5. Press STORE.
6. Press NEXT, PREV, or SELECT and desired jack number.
7. Repeat steps 4 through 6.
8. Press END.

☐ Calling Line Identification Restriction (CLIR)

To restrict the presentation of your number to the called party

- Off-hook.
- Dial 592.
- On-hook.

To present your number to the called party

- Off-hook.
- Dial 590.
- On-hook.

To change the current setting just for this call

- Off-hook.
- Dial 591.
- Press CO button.
- Dial the phone number.

☐ Connected Line Identification Restriction (COLR)

To restrict the presentation of your number to the calling party

- Off-hook.
- Dial 581.
- On-hook.

To present your number to the calling party

- Off-hook.
- Dial 580.
- On-hook.

☐ Display Call Information

Alternating the display (the meter, the phone number, the phone charge)

- Press CO button.

☐ Do Not Disturb (DND)

Setting / Cancelling

- Off-hook.
- Press the FWD/DND button.
- Dial 1 + extension number /0 / *, or 0.
 - 1 + extension number (backup station)/0 (operator)/* (no backup) : for setting
 - 0 : for cancelling
- *A confirmation tone is audible.*
- On-hook.

OR

- *When using the KX-T7235;*

Setting

- Off-hook.
- Press the FWD/DND button.
- Press the Do not disturb (F2) button.
- Dial the extension number/0 / *.
 - extension number (backup station)/0 (operator)/* (no backup)
- *A confirmation tone is audible.*
- On-hook.

☐ Do Not Disturb for Direct Dialing In Calls

Setting / Cancelling

- Off-hook.
- Dial 54.
- Dial 1 or 0.
 - 1 : for setting
 - 0 : for cancelling
- On-hook.

☐ Emergency Call

- Off-hook.
- Press a CO button.
- Dial the desired emergency number.

☐ Hotel Application

Room Management

<Example> Message 7: “Cleaned-up”

- Off-hook.
- Dial 7507.
- On-hook.

<Example> Message 8: “Minibar and charge”

- Off-hook.
- Dial 7508.
- Enter minibar charge.
- On-hook.

☐ Live Call Screening†

Setting the password

- Off-hook.
- Dial 799.
- Enter the password.
- Enter the same password again.
- On-hook.

Cancelling the password

- Off-hook.
- Dial 799.
- Enter the password.
- On-hook.

Setting Live Call Screening

- Press LCS button.
- Enter the password.

Cancelling Live Call Screening

- Press LCS button.

In the Hands-free mode;

Having a conversation with the party

- Off-hook or press LCS button.

Stopping monitoring

- Press RECALL button or LCS Cancel button.

In the Private mode;

Stopping the alert tone

- Press RECALL button or LCS Cancel button.

Monitoring the recording message

- Off-hook, or press LCS button or INTERCOM button.

Having a conversation with the party

- Off-hook.
- Press flashing LCS button.

While having a conversation with another party;

If you want to terminate the current call

Monitoring

- Off-hook.
- On-hook.

Having a conversation with the party

- Press flashing LCS button.

If you want to hold the current call

Monitoring

- Press HOLD button.
- On-hook.
- Off-hook.

Having a conversation with the party

- Press flashing LCS button.

☐ Log-In / Log-Out

Setting

Using Log-In/Log-Out button

- Off-hook.
- Press Log-In/Log-Out button.
 - Log-In : the indicator light is off.
 - Log-Out : the indicator light is red.
 - Calls in the UCD queue : the indicator is flashing red.
- On-hook.

Using the feature number

- Off-hook.
- Dial 45.
- Dial 1 or 0.
 - 1 : for Log-In
 - 0 : for Log-Out
- On-hook.

☐ Night Service

Switching mode

- Off-hook.
- Dial 78.
- Dial 0 or 1.
 - 0 : from Night mode to Day mode
 - 1 : from Day mode to Night mode
- On-hook.

OR

- *When using the KX-T7235 (Operator only);*
 - Press Features (F4) button.
 - Press NEXT (S3) button twice to go to the exclusive list.
 - Press Night On/Off (F2) button.
 - Dial 0 or 1.
 - 0 : from Night mode to Day mode
 - 1 : from Day mode to Night mode
 - On-hook.

Confirming the current mode

- *Be sure the telephone is idle and on-hook.*
 - Press #.

Night Button Operation –Setting/Cancelling

- Off-hook.
- Press the Night button.
 - To set : the button indicator turns on.
 - To cancel : the button indicator turns off.

Confirming the current mode

- *Be sure the telephone is idle and on-hook.*
 - Press the Night button.

☐ Notebook Function

Storing

While having a conversation or in on-hook status;

- Press AUTO DIAL/STORE button.
- Press AUTO DIAL/STORE button again.
- Dial the desired phone number.
- Press SAVE button.

Dialing

- Off-hook.
- Press SAVE button.

☐ Paging – DENY**Setting / Cancelling**

- Off-hook.
- Dial 721.
- Dial 1 or 0.
 - 1 : for setting
 - 0 : for cancelling
- *A confirmation tone is audible.*
- On-hook.

☐ Phantom Extension**To call a phantom extension**

- Off-hook.
- Press the Phantom button

To transfer a call to a phantom extension

- Press the Phantom button

To answer a phantom extension call

- Press the Phantom button (flashing green).

☐ Predial Preparation

- *When using the KX-T7230 or KX-T7235;*
 - Dial the phone number.
 - *To change the current entry;*
 - Dial * and re-dial.
 - Off-hook.

☐ Quick Dialing

- Off-hook.
- Dial the quick dial number.

**☐ System Working Report
(Manager and operator only)**

- Off-hook.
- Dial 794.
- Dial 1 or 0.
 - 1 : print out the data
 - 0 : clear the data
- *A confirmation tone is audible.*
- On-hook.

☐ Terminate

While hearing any tone, dialing, or talking;

- Press Terminate button.
- *An internal dial tone is audible.*
- Press a CO button.
- Dial the phone number.

☐ Two-Way Recording into Voice Mail†**Recording into your mailbox**

- Press Two-Way Record button.

Stopping recording

- Press Two-Way Record button.

Recording into another mailbox

- Press Two-Way Transfer button.
- Enter extension number or press the desired DSS button.

Stopping recording

- Press Two-Way Transfer button.

5 Operator Service Features

☐ Automatic Overflow and Hurry-Up Transfer

While having a conversation;

- Press Hurry-Up button.

☐ Class of Service (COS) Switch

Primary switch

- Off-hook.
- Dial 791 + extension number.
- On-hook.

OR

- When using the KX-T7235;

- Press Features (F4) button.
- Press NEXT (S3) button twice to go to the exclusive list.
- Press COS Primary (F4) button.
- Dial extension number.
- On-hook.

Secondary switch

- Off-hook.
- Dial 793 + extension number.
- On-hook.

OR

- When using the KX-T7235;

- Press Features (F4) button.
- Press NEXT (S3) button twice to go to the exclusive list.
- Press COS Secondary (F5) button.
- Dial extension number.
- On-hook.

☐ CO Incoming Call Information Log Lock Clear

- Press PROGRAM button + 99.
- Dial 02.
- Dial extension number or * .
 - extension number : to clear one extension
 - * : to clear all extensions
- Press STORE button.
- Press PROGRAM button.

☐ Hotel Application

- When using the KX-T7235;

Check-In

- Press Hotel (F10) button.
- Press Check-In (F1) button.
- Dial extension number or DSS button.
- Press NEXT (S3) button.
- Press YES (S1) or NO (S3) button.

Check-Out

- Press Hotel (F10) button.
- Press Check-Out (F2) button.
- Dial extension number or DSS button.
- Press NEXT (S3) button.
- Enter minibar charge.
- Press Others (F4) and enter charge.
- Press PRINT (S3) button.
- Press END (S1) button.
- Press YES (S1) or NO (S3) button.

Timed Reminder, Notification for Unanswered Extension (KX-T7235 only)

- Press Alert button.

If you want to clear the notification;

- Press CLR (S2) button.

If you want to go to the next unanswered extension;

- Press NEXT (S3) button.

If you want to exit;

- Press MENU (S1) button.

Timed Reminder, Remote (Wake-Up Call) Setting

- Off-hook.
- Dial 7 * 1.
- Dial desired extension number or DSS button.
- Enter hour (01 through 12).
- Enter minute (00 through 59).
- Dial 0 or 1.
 - 0 : for AM
 - 1 : for PM

- Dial 0 or 1.
 - 0 : for a one time setting
 - 1 : for a daily setting
- *A confirmation tone is audible.*
- On-hook.

Cancelling

- Off-hook.
- Dial 7*0.
- Dial desired extension number or DSS button.
 - *A confirmation tone is audible.*
- On-hook.

OR

- *When using the KX-T7235;*

Setting

- Press Hotel (F10) button.
- Press Wake up (F3) button.
- Dial the desired extension number or DSS button.
- Press NEXT (S3) button.
- Enter hour and minute.
 - Dial 0 or 1.
 - 0 : for AM
 - 1 : for PM
- Dial 0 or 1.
 - 0 : for a one time setting
 - 1 : for a daily setting
- Press PROG (S3) button.

Cancelling

- Press Hotel (F10) button.
- Press Wake up (F3) button.
- Dial the extension number or DSS button.
- Press NEXT (S3) button.
- Press CLR (S2) button.

Checking the setting time (KX-T7230 and KX-T7235 only)

- Off-hook.
- Dial 7*2.
- Dial desired extension number or DSS button.
- On-hook.

OR

- *When using the KX-T7235;*

- Press Hotel (F10) button.
- Press Wake up (F3) button.
- Dial the extension number or DSS button.
- Press NEXT (S3) button.
- Press END (S1) button.

☐ Live Call Screening Password Control†

- Press PROGRAM button + 99.
- Dial 03.
- Dial extension number or * .
 - extension number : to assign one extension
 - * : to assign all extensions
- Press STORE.
- Press PROGRAM button.

☐ Remote Station Lock Control

- Press PROGRAM button + 99.
- Dial 01.
- Dial extension number or * .
 - extension number : to lock or unlock one extension
 - * : to lock or unlock all extensions
- Dial 1 or 2.
 - 1 : to unlock
 - 2 : to lock
- Press STORE button.
- Press PROGRAM button.

6 Special Display Features

Special Features — KX-T7235

— CO Outgoing Call Log / Extension Dialing / Station Speed Dialing / System Speed Dialing / System Feature Access Menu / Hotel Application (Operator only)

- Press the desired button according to the messages on the display.
- The operation is performed by following the messages on the display.

• *System Feature Access Menu* provides a display of the system features available and allows access to the following features:

- 1) Absent Message Capability
- 2) Paging — External (Access/Answer)
- 3) Paging — Group (Access/Answer)
- 4) Background Music (BGM) — External (Operator only)
- 5) Call Park (Operator only)
- 6) Call Pickup, Group
- 7) Class of Service (COS) Switch (Operator only)
- 8) Message Waiting
- 9) Night Service (Operator only)
- 10) Paralleled Telephone Connection

By pressing the FWD/DND button after going off-hook, a new display appears. From this display, the following additional System Feature can be operated.

- 1) Call Forwarding
- 2) Do Not Disturb (DND)

— Refer to Section 4.4, “Special Display Features.”

— For “BGM — External” and “Class of Service (COS) Switch” features, refer to Section 4.3, “Operator Service Features.”

— For “Call Forwarding” and “Do Not Disturb (DND)” features, refer to Section 4.2, “DPT Features.”

8 SLT and ISDN Telephone Features

☐ Calling Line Identification Restriction (CLIR)

To restrict the presentation of your number to the called party

- Off-hook.
- Dial 592.
- On-hook.

To present your number to the called party

- Off-hook.
- Dial 590.
- On-hook.

☐ Call Transfer – to CO Line — Screened Call Transfer

While having a conversation;

- Press Register Recall button.
- Dial the line access code (9 or 81 through 88).
- Wait for an answer and announce.
- On-hook.

☐ Connected Line Identification Restriction (COLR)

To restrict the presentation of your number to the calling party

- Off-hook.
- Dial 581.
- On-hook.

To present your number to the calling party

- Off-hook.
- Dial 580.
- On-hook.

☐ Do Not Disturb (DND)**Setting / Cancelling**

- Off-hook.
- Dial 710.
- Dial 1 + extension number/0 / *, or 0.
 - 1 + extension number (backup station)/0 (operator)/* (no backup) : for setting
 - 0 : for cancelling
- *A confirmation tone is audible.*
- On-hook.

☐ Do Not Disturb for Direct Dialing In Calls**Setting / Cancelling**

- Off-hook.
- Dial 54.
- Dial 1 or 0.
 - 1 : for setting
 - 0 : for cancelling
- On-hook.

☐ Emergency Call

- Off-hook.
- Dial the line access code (9 or 81 through 88).
- Dial the desired emergency number.

☐ Hotel Application**Room Management****<Example> Message 7: “Cleaned-up”**

- Off-hook.
- Dial 7507.
- On-hook.

<Example> Message 8: “Minibar and charge”

- Off-hook.
- Dial 7508.
- Enter minibar charge.
- On-hook.

☐ Log-In / Log-Out**Setting**

- Off-hook.
- Dial 45.
- Dial 1 or 0.
 - 1 : for Log-In
 - 0 : for Log-Out
- On-hook.

☐ Night Service**Switching mode**

- Off-hook.
- Dial 78.
- Dial 0 or 1.
 - 0 : from Night mode to Day mode
 - 1 : from Day mode to Night mode
- On-hook.

☐ Operator Call**General**

- Off-hook.
- Dial 0.

Specific call

- Off-hook.
- Dial the operator call number.

☐ Quick Dialing

- Off-hook.
- Dial the quick dial number.

Display Examples

Examples (in alphabetical order)

3434: Primary	<ul style="list-style-type: none"> • “Class of Service (COS) Switch” is set to primary status.
4545: Secondary	<ul style="list-style-type: none"> • “Class of Service (COS) Switch” is set to secondary status.
1234567890	<ul style="list-style-type: none"> • Called by the ISDN line with the CLIP feature* (phone number). <ul style="list-style-type: none"> * The ISDN line with the CLIP feature Provides you with a caller’s information, such as his/her name and telephone number, on the CO line assigned to receive ISDN service call. Refer to the Installation Manual.
JOHN WHITE	<ul style="list-style-type: none"> • Called by the ISDN line with the CLIP feature* (name).
01:01111111	<ul style="list-style-type: none"> • Sequence number and the caller’s phone number (KX-T7230).
01:BOB HANKS	<ul style="list-style-type: none"> • Sequence number and the caller’s name (KX-T7230).
01:30 09:00AM 2	<ul style="list-style-type: none"> • Sequence number, date, time and the number of times called (KX-T7230).
CLIR On	<ul style="list-style-type: none"> • Complete to set “Calling Line Identification Restriction (CLIR).”
CLIR Off	<ul style="list-style-type: none"> • Cancel “Calling Line Identification Restriction (CLIR).”
CO01:\$00001.15	<ul style="list-style-type: none"> • CO line charge in Dollars.
CO01:00005	<ul style="list-style-type: none"> • CO line meter. <ul style="list-style-type: none"> — Pressing the corresponding CO button allows you to alternate between this display and the about Example.
COLR On	<ul style="list-style-type: none"> • Complete to set “Connected Line Identification Restriction (COLR).”

COLR Off	<ul style="list-style-type: none">• Cancel “Connected Line Identification Restriction (COLR).”
DND Ext201	<ul style="list-style-type: none">• Complete to set “Do Not Disturb (DND).”
DND-DDI Set	<ul style="list-style-type: none">• Complete to set “Do Not Disturb for Direct Dialing In Call.”
DND-DDI Cancel	<ul style="list-style-type: none">• Cancel “Do Not Disturb for Direct Dialing In Call.”
LCS	<ul style="list-style-type: none">• Complete to set “Live Call Screening (LCS).”
LCS Cancel	<ul style="list-style-type: none">• Cancel “Live Call Screening (LCS).”
Log-in	<ul style="list-style-type: none">• Log-In mode status.<ul style="list-style-type: none">— “Log-In / Log-Out”
Log-out	<ul style="list-style-type: none">• Log-Out mode status.<ul style="list-style-type: none">— “Log-In / Log-Out”
Paging Deny On	<ul style="list-style-type: none">• Complete to set “Paging — Deny.”
Paging Deny Off	<ul style="list-style-type: none">• Cancel “Paging — Deny.”
Password: 123	<ul style="list-style-type: none">• Complete to set the LCS password.<ul style="list-style-type: none">— “Live Call Screening (LCS)”
Password Cancel	<ul style="list-style-type: none">• Cancel the LCS password.<ul style="list-style-type: none">— “Live Call Screening (LCS)”
SWR Data Dump	<ul style="list-style-type: none">• “System Working Report” is printed out.
SWR Data Clear	<ul style="list-style-type: none">• “System Working Report” is cleared.

Examples — in Station Programming mode

ACSM:00450	• Total account code meter is assigned.
ACSM:\$00099.99	• Total account code in Dollars is assigned.
Alert	• Alert button is assigned.
C.W. Tone 1	• Select Call Waiting tone.
Hurry up to-223	• Hurry-Up button is assigned.
LCS	• Live Call Screening (LCS) button is assigned.
LCS Cancel	• Live Call Screening (LCS) Cancel button is assigned.
Login/Logout	• Log-In / Log-Out button is assigned.
Terminate	• Terminate button is assigned.
2 WAY-REC:1234	• Two-Way Record button is assigned.
2 WAY-TRANS:1234	• Two-Way Transfer button is assigned.

Feature Number List

Numbers listed below are the initial factory setting (default value). There are the flexible feature numbers and the fixed feature numbers. To change the flexible feature numbers, follow the procedure described in the “System Programming” section in the Installation Manual.

Flexible Feature Numbers

Feature	Default	Required Additional Digits
1st hundred extension block	2	0 through 9, 00 through 99
2nd hundred extension block	3	0 through 9, 00 through 99
3rd through 16th hundred extension block	—	0 through 9, 00 through 99
Absent Message Capability set/cancel	750	1 - 9 / 0
Account Code Entry	49	Account code + #(99)
Automatic Callback Busy (Camp-On) cancel	46	
Background Music (BGM) — External on/off	65	
Call Forwarding set/cancel	710	2-5 + EXTN. (extension number) / 0
Call Forwarding to CO Line	710	6 + phone number + #
Call Forwarding — Follow Me set/cancel	710	7 + EXTN. / 8 + EXTN.
Call Hold	50	
Call Hold, Retrieve outside call/intercom call	53 / 51	
Call Park/Call Park Retrieve	52	0 - 9
Call Pickup, CO Line	4*	
Call Pickup, Directed	41	EXTN.
Call Pickup, Group	40	
Call Pickup Deny set/cancel	720	1 / 0
Call Waiting set/cancel	731	1 / 0
Class of Service (COS) Switch — Primary	791	EXTN.
Class of Service (COS) Switch — Secondary	793	EXTN.
CLIR once/continue/cancel	59	1 / 2 / 0
CO Incoming Call Information Log Lock lock	57	lock code (000 - 999) twice
unlock	57	lock code (000 - 999)
CO Incoming Call Information Log Lock Mode set/cancel	56	1 / 0
COLR set/cancel	58	1 / 0
Do Not Disturb (DND) set/cancel	710	1 + (EXTN./*/0) / 0
Do Not Disturb for Direct Dialing In set/cancel	54	1 / 0
Doorphone Call calling/door open (for KX-TD1232)	61 / 55	1-4
Electronic Station Lockout set/	77	lock code (000 - 999) twice
cancel	77	lock code (000 - 999)

Feature	Default	Required Additional Digits
Emergency Call	114, 000	
External Feature Access	64	
Live Call Screening Password set/ cancel	799 799	password (000 - 999) twice password (000 - 999)
Log-In/Log-Out	45	1 / 0
Message Waiting set/cancel/callback	70	1 + EXTN. / 0 + EXTN. / 2
Night Service night mode/day mode	78	1 / 0
Operator Call — General call	0	
Operator Call — Specific call	—	
Outward Dialing, — Line Access, Automatic / LCR	9	
— Line Access, CO Line Group	8	1 - 8
Paging — All	62 or 63	*
Paging — External (for KX-TD816)	62	0 / 1 - 2
Paging — External (for KX-TD1232)	62	0 / 1 - 4
Paging — External Answer/TAFAS Answer (for KX-TD816)	42	1 - 2
Paging — External Answer/TAFAS Answer (for KX-TD1232)	42	1 - 4
Paging — Group	63	00 / 01 - 16
Paging — Group Answer	43	
Paging — Deny set/cancel	721	1 / 0
Paralleled Telephone Connection set/cancel	69	1 / 0
Pickup Dialing (Hot Line) assign/set/cancel	74	2 + phone number + # / 1 / 0
Redial, Last Number (— for SLT)	#	
Station Feature Clear	790	
Station Speed Dialing	6*	0 - 9
Station Speed Dialing store	60	(0 - 9) + phone number + #
System Speed Dialing (— for SLT)	*	000 - 499
System Working Report print out the data/ clear the data	794	1 / 0
Timed Reminder set/ cancel/confirm	76 76	1 + hhmm* + (0 / 1) + (0 / 1) 0 / 2
Timed Reminder, Remote set/ cancel/confirm	7* 7*	1 + EXTN. + hhmm* + (0 / 1) + (0 / 1) 0 + EXTN. / 2 + EXTN.

* hhmm

hh: hour (01-12)

mm: minute (00-59)

Fixed Feature Numbers

Feature	Default
<i>While busy tone is heard</i>	
Automatic Callback Busy (Camp-On)	6
Busy Station Signalling (BSS)	2
Off-Hook Call Announcement (OHCA)	2
<i>While Do Not Disturb tone is heard</i>	
Do Not Disturb (DND) Override	2
<i>While calling or talking</i>	
Account Code Delimiter	#/99
Alternate Calling — Ring/Voice	*
Conference	3
Door open	5
Pulse to Tone Conversion	*#
<i>When the telephone is on-hook</i>	
<i>Background Music (BGM) on/off</i>	HOLD (TRANSFER)
Day/Night mode display	#
Time display/date display switching	*

Conditions

- Extension numbers can be two to four digits in length. Any number can be set as the leading first or second digit.
- Flexible feature numbers can only be dialled during dial tone.
- When “*” or “#” are included in a feature number, it will not be possible for users of loop disconnect (LD) telephones to access the feature.

Programming References

- User Programming (Manager Programming) (Section 3)
 - [003] Extension Number Set
- System Programming — Installation Manual
 - [003] Extension Number Set
 - [100] Flexible Numbering

Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<p><i>Initial Setting</i></p> <p><i>Display Examples</i></p>	<p>1.1 Configuration 1-15 through 1-17</p> <p>8 Appendix 7-5 through 7-8</p>	<p>The changed display examples are shown below.</p> <p><i>Display Contrast Adjustment (KX-T7230 and KX-T7235 only)</i></p> <p style="text-align: center;">Contrast: 3</p> <p><i>To adjust the handset receiver volume</i></p> <p style="text-align: center;">Handset: 3</p> <p><i>To adjust the headset volume</i></p> <p style="text-align: center;">Headset: 3</p> <p><i>To adjust the ringer volume</i></p> <p style="text-align: center;">Ringer: 3</p> <p><i>To adjust the speaker volume</i></p> <p style="text-align: center;">SP: 12</p>
<p><i>To confirm the assigned function data</i></p>	<p>2.1 Programming Instructions 2-3</p>	<p>This section has been changed as shown on page 12.</p>
<p><i>Station Programming Outline</i></p>	<p>2.1 Programming Instructions 2-5</p>	<p>The outline has been changed as shown on page 13.</p>
<p><i>Charge Fee Reference</i></p> <p><i>New Rate Set</i></p>	<p>2.2 Programming 2-12</p>	<p>This feature has become unavailable. Please disregard all descriptions about this feature.</p>
<p><i>Station Speed Dialing Number/Name Assignment</i></p>	<p>2.2 Programming 2-34</p>	<p>The following condition has been added to the Programming References section.</p> <ul style="list-style-type: none"> • You can store voice mail service codes and service names if a TVP 100 is connected to your system.


Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<i>Account Code Entry</i>	4.2 DPT Features 3-10 through 3-11	<p>The “In “Verified - All Calls” mode” section has been changed as follows.</p> <p><i>In “Verified - All Calls” mode</i></p> <ul style="list-style-type: none"> • You must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory: <ul style="list-style-type: none"> a) Call Forwarding — to CO Line b) Manual Dialing (Selecting a CO line) c) Notebook Function d) One-Touch Dialing e) Pickup Dialing (Hot Line) f) Redial, Last Number g) Redial, Saved Number h) Station Speed Dialing i) System Speed Dialing <p>In the “General” section, the following conditions have been added.</p> <ul style="list-style-type: none"> • If an entered account code matches a pre-assigned account code when making an outside call, the charge fee of the account code is totalized. • If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR. <p>The following program has been added to the Programming References section.</p> <ul style="list-style-type: none"> • System Programming — Installation Manual [105] Account Codes
<i>Automatic Callback Busy (Camp-On)</i>	4.2 DPT Features 3-15	<p>Please disregard the following condition.</p> <ul style="list-style-type: none"> • If the telephone is off-hook before call back ringing starts, this feature is cancelled.
<i>Call Waiting</i>	4.2 DPT Features 3-46	<p>The following sentence has been added to the first condition.</p> <p>3) When a doorphone call comes in.</p>
<i>CO Incoming Call Information Log</i>	4.2 DPT Features 3-50	<p>The following program has been added to the Programming References section.</p> <ul style="list-style-type: none"> • System Programming — Installation Manual Addendum [622] Incoming Call Display

Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<i>Data Line Security</i>	4.2 DPT Features 3-57 6.2 SLT and ISDN Telephone Features 5-34	This feature has become unavailable. Please disregard all descriptions about this feature.
<i>Handsfree Answerback</i>	4.2 DPT Features 3-69	The following conditions has been added. <ul style="list-style-type: none"> • When an outside call is transferred to an extension, this feature is overridden and a ringing tone is heard.
<i>Intercom Calling</i>	4.2 DPT Features 3-72	The following programs have been added to the Programming References section. <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) <ul style="list-style-type: none"> [003] Extension Number Set [004] Extension Name Set
<i>Message Waiting</i>	4.2 DPT Features 3-75	The following programs have been added to the Programming References section. <ul style="list-style-type: none"> • System Programming — Installation Manual <ul style="list-style-type: none"> [214] Message Waiting Ring Interval Time [990] System Additional Information, Field (9)
<i>Off-Hook Call Announcement (OHCA)</i>	4.2 DPT Features 3-78	The first condition has been changed as follows: <ul style="list-style-type: none"> • OHCA is performed the same way as the “Busy Station Signaling (BSS)” feature. The KX-T7235 user can select to use the BSS feature instead of the OHCA feature by System Programming. <p>The following section has been added.</p> <p>Programming References</p> <ul style="list-style-type: none"> • System Programming — Installation Manual <ul style="list-style-type: none"> [990] System Additional Information, Field (47)
<i>Paging — SUMMARY</i>	4.2 DPT Features 3-84	The following condition has been added to the Conditions section. <ul style="list-style-type: none"> • If you want to deny the page, refer to “Paging —DENY.” <p>The following feature has been added to the Feature References section.</p> <p style="padding-left: 40px;">Paging — DENY</p>
<i>Redial, Automatic</i>	4.2 DPT Features 3-98	The description has been changed as follows. <p>It is possible to redial the last dialed number, saved number, “CO Outgoing Call Log,” “CO Incoming Call Information Log,” and “Notebook Function” in the handsfree mode. Redial will be repeated a programmed number of times until the called party answers.</p> <p>The following features have been added to the Feature References section.</p> <ul style="list-style-type: none"> CO Incoming Call Information Log CO Outgoing Call Log (4.4/Special Display Features) Notebook Function

Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<i>Secret Dialing</i>	4.2 DPT Features 3-101	The following program has been added to the Programming References section. <ul style="list-style-type: none"> • System Programming — Installation Manual Addendum [990] System Additional Information, Field (53)
<i>System Speed Dialing</i>	4.2 DPT Features 3-105	The first condition has been changed as follows: <ul style="list-style-type: none"> • System Speed Dialing numbers must be stored either through User (Manager) or System Programming. The following programs have been added to the Programming References section. <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) <ul style="list-style-type: none"> [001] System Speed Dialing Number Set [002] System Speed Dialing Name Set
<i>Timed Reminder</i>	4.2 DPT Features 3-107	The operation has been changed as follows. Stopping the alarm ringing <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="text-align: center; margin-right: 10px;"> <p>1</p>  </div> <div> <p>1. Lift the handset or press the SP-PHONE/MONITOR button.</p> <ul style="list-style-type: none"> • Pressing any key also stops the alarm ringing. </div> </div> <p>The following program has been added to the Programming References section.</p> <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) <ul style="list-style-type: none"> [000] Date and Time Set <p>The following section has been added.</p> <p>Feature References</p> <p style="text-align: center;">Hotel Application — Timed Reminder, Remote (4.3/Operator Service Features)</p>
<i>Toll Restriction Override</i> <i>Toll Restriction Override by Account Code Entry</i>	4.2 DPT Features 3-108	The following program has been added to the Programming References section. <ul style="list-style-type: none"> • System Programming — Installation Manual [105] Account Codes
<i>Trunk (CO Line) Answer From Any Station (TAFAS)</i>	4.2 DPT Features 3-110	The following sentence has been added to the first condition. c) The floating number* of an external pager is dialed as the Direct Dialing In (DDI) destination.
<i>System Feature Access Menu</i> <i>Call Park (Operator only)</i>	4.4 Special Display Features (— for KX-T7235) 3-132	The description has been changed as follows: Allows <u>Operator</u> to execute the Call Park feature with the display function keys.

Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<i>Call Waiting</i>	6 SLT and ISDN Telephone Features 5-31	The following sentence is added to the first condition. 3) When a doorphone call comes in.
<i>Intercom Calling</i>	6 SLT and ISDN Telephone Features 5-42	The following programs have been added to the Programming References section. <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) [003] Extension Number Set [004] Extension Name Set
<i>Off-Hook Call Announcement (OHCA)</i>	6 SLT and ISDN Telephone Features 5-45	The first condition has been changed as follows: <ul style="list-style-type: none"> • OHCA is performed the same way as the “Busy Station Signaling (BSS)” feature. The KX-T7235 user can select to use the BSS feature instead of the OHCA feature by System Programming. The following section has been added. Programming References <ul style="list-style-type: none"> • System Programming — Installation Manual [990] System Additional Information, Field (47)
<i>System Speed Dialing</i>	6 SLT and ISDN Telephone Features 5-65	The first condition has been changed as follows: <ul style="list-style-type: none"> • System Speed Dialing numbers must be stored either through User (Manager) or System Programming. The following programs have been added to the Programming References section. <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) [001] System Speed Dialing Number Set [002] System Speed Dialing Name Set
<i>Timed Reminder</i>	6 SLT and ISDN Telephone Features 5-67	The following program has been added to the Programming References section. <ul style="list-style-type: none"> • User Programming (Manager Programming) (Section 3) [000] Day and Time Set The following section has been added. Feature References Hotel Application — Timed Reminder, Remote (4.3/Operator Service Features)
<i>Toll Restriction Override</i> <i>Toll Restriction Override by Account Code Entry</i>	6 SLT and ISDN Telephone Features 5-68	The following program has been added to the Programming References section. <ul style="list-style-type: none"> • System Programming — Installation Manual [105] Account Codes
<i>Trunk (CO Line) Answer From Any Station (TAFAS)</i>	6 SLT and ISDN Telephone Features 5-70	The following sentence has been added to the first condition. c) The floating number* of an external pager is dialed as the Direct Dialing In (DDI) destination.

Additional Information

<i>Feature Title</i>	<i>Section & Pages</i>	<i>Revision</i>
<i>Quick Reference</i>	7 Quick Reference 6-2	<p>The description has been changed as follows. This list is divided into the following eight sections. Refer to each section as needed.</p> <ol style="list-style-type: none"> 1.) Basic Operation 2.) Station Programming 3.) User Programming (Manager Programming) 4.) DPT Features 5.) Operator Service Features 6.) Special Display Features (— for KX-T7235 users) 7.) DSS Console Features 8.) SLT and ISDN Telephone Features <p>When setting “Idle Line Preference — Outgoing,” “No Line Preference — Outgoing,” or “Prime (CO Line) Preference,” press the INTERCOM button after going off-hook to activate the following operations. (Pressing the INTERCOM button directly without going off-hook is also available.)</p>
<i>Automatic Callback Busy (Camp-On)</i>	7 Quick Reference 6-8	<p>The following operation has been added.</p> <p style="text-align: center;">Cancelling</p> <ul style="list-style-type: none"> • Off-hook. • Dial 46. • On-hook.
<i>Background Music (BGM)</i>	7 Quick Reference 6-8	<p>The operation has been changed as follows.</p> <p><input type="checkbox"/> Background Music (BGM)</p> <p style="text-align: center;">Setting / Cancelling</p> <p>- Be sure the telephone is on-hook.</p> <ul style="list-style-type: none"> • Press HOLD button. <p style="text-align: center;">OR</p> <p>- When using the KX-T7230 or KX-T7235;</p> <ul style="list-style-type: none"> • Press BGM (S3) button.
<i>5 Special Display Features</i>	7 Quick Reference 6-19	<p>The description has been changed as shown on page 141.</p>
<i>Display Example</i>	8 Appendix 7-5	<p>Please disregard the following display examples.</p> <p>(46) Data Mode Off</p> <p>(47) Data Mode On</p>

