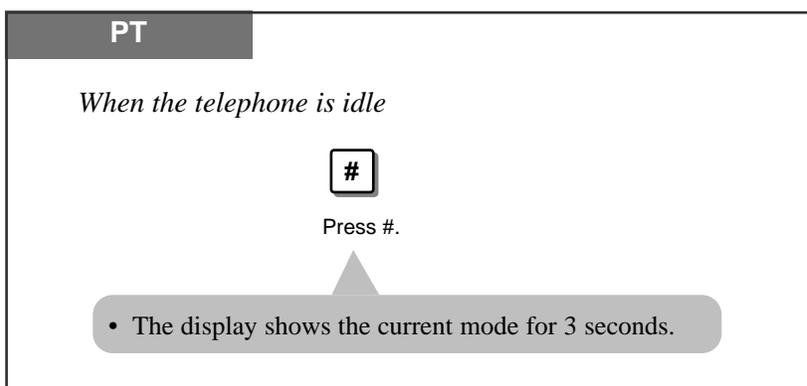


1.7 Useful Features

Time (Day/Night/Lunch) Service

This system supports the Day, Night and Lunch modes. The system operation for originating and receiving calls can be different in the day, night and lunch modes. “Time Service” can only be set by the operator and manager. For a PT user, even if your extension is not assigned as the operator or manager, you can use your display to check the current mode.

Confirming the current mode (with a display PT only)



- The Day/Night/Lunch mode is automatically switched at a predetermined time (default: 9:00 a.m. for every day, 5:30 p.m. for every night), if the automatic mode is selected.



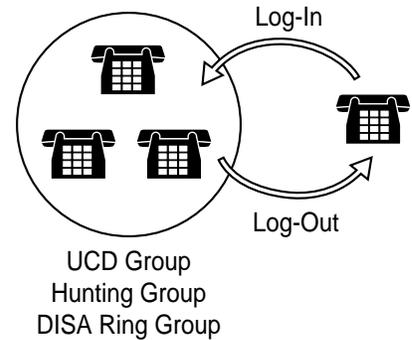
- 1.8 Operator/Manager Service Features, “Time(Day/Night/Lunch) Service Setting”
- See the Installation Manual, Section 3, “Time (Day/Night/Lunch) Service”.

1.7 Useful Features

Joining or Leaving a Call Distribution Group (Log-In/Log-Out)

Allows you to assign the Log-In mode or Log-Out mode within a hunting, DISA ring or UCD group. When in Log-Out mode, you can leave the group temporarily, preventing group calls from ringing at your extension. The lighting patterns of the Log-In/Log-Out button on a proprietary telephone and status are as follows.

Off: Log-In mode
Red: Log-Out mode



Log-In / Log-Out (Using the Log-In/Log-Out button)

PT



Lift the handset or press SP-PHONE/MONITOR.



Press the flexible button assigned as the Log-In/Log-Out button.



Confirmation tone and dial tone



Hang up or press SP-PHONE/MONITOR.

- The indicator light turns off in Log-In mode or turns steady red in Log-Out mode.

Log-In / Log-Out (Using the feature number)

Any Telephone



Lift the handset or press SP-PHONE/MONITOR.

| | | | | | |
|---|---|---|---|---|-------------|
| 7 | 3 | 6 | 0 | # | To Log-In. |
| 7 | 3 | 6 | 1 | # | To Log-Out. |

For Log-In mode: Dial 7360#.
For Log-Out mode: Dial 7361#.



Confirmation tone and dial tone



Hang up or press SP-PHONE/MONITOR.

- Single line telephone users can dial "0" instead of "#".



- The default is "Log-In" mode.
 - There should be at least one extension in the group that is logged-in.
 - The last member of an extension group cannot log out.
- PT**
- The Log-In/Log-Out button can be assigned to a flexible line key.



- 1.2 Proprietary Telephone Settings, "Customising the Buttons on Your Telephone", Log-In/Log-Out Button
- See the Installation Manual, Section 3, "Extension Hunting".
- See the Installation Manual, Section 3, "Direct Inward System Access (DISA)".
- See the Installation Manual, Section 3, "Uniform Call Distribution (UCD)".
- See the Installation Manual, Section 3, "Log-In/Log-Out".

1.7 Useful Features

Room Monitor

Allows you to monitor a room through a proprietary telephone with an AUTO ANSWER/MUTE button. The proprietary telephone you want to monitor should be set to allow monitoring beforehand. You can also monitor through a doorphone. You can use a proprietary telephone with an AUTO ANSWER/MUTE button and single line telephone with a MUTE button for monitoring.

Monitoring using a PT

PT

At the monitored telephone

Lift the handset or press SP-PHONE/MONITOR. Dial 7351#. Confirmation tone Hang up or press SP-PHONE/MONITOR. Press AUTO ANSWER/MUTE.

- The AUTO ANSWER/MUTE indicator is flashing moderately.

Monitoring

PT and SLT

For a PT: Press SP-PHONE and AUTO ANSWER/MUTE. Enter the monitored extension number (100 through 199).
 For an SLT: Lift the handset and press the MUTE button. Room monitoring starts.

Paging a monitored room

PT

Press AUTO ANSWER/MUTE or lift the handset. Talk.

Cancelling a monitor temporarily

PT

At the monitored telephone

Press AUTO ANSWER/MUTE. • The AUTO ANSWER/MUTE indicator turns off.

Cancelling

PT

Lift the handset or press SP-PHONE/MONITOR. Dial 7350#. Confirmation tone Hang up or press SP-PHONE/MONITOR.

1.7 Useful Features

Monitoring through a doorphone

PT and SLT

| | | |
|--|---|------------|
| <div style="border: 1px solid black; padding: 5px; display: inline-block;"> SP-PHONE  </div> | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> AUTO ANSWER  </div> | For a PT |
| | MUTE  | For an SLT |

3
1

doorphone no.

Monitoring starts.

For a PT: Press SP-PHONE and AUTO ANSWER/MUTE. Dial 31. Enter the monitored doorphone number (1 through 4).
 For an SLT: Lift the handset and press the MUTE button.



- The doorphone access tone can be eliminated by System Programming.
- PT • System Programming is required to monitor through a PT.
- PT • The access tone will not be sent to the monitored PT. The paging tone will also not be sent to the monitored PT.
- PT • This feature is not available when using a KX-T7050 .



- See the Installation Manual, Section 3, “Room Monitor”.
- See the Installation Manual, Section 3, “Doorphone Call”.

Data Line Security

Your extension can be protected against interruptions from the “Call Waiting”, “Hold Alarm”, and “Executive Busy Override” features. Data communication devices, such as computers and facsimiles, can operate uninterrupted.

Setting / Cancelling

Any Telephone

| | | |
|--|--|---|
|  <p style="font-size: small;">Lift the handset or press SP-PHONE/MONITOR.</p> | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 7 3 0 1 # </div> To set. |  |
| | 7 3 0 0 # |  |

To set: Dial 7301#. Confirmation tone and dial tone
 To cancel: Dial 7300#. Hang up or press SP-PHONE/MONITOR.

• Single line telephone users can dial “0” instead of “#”.



- 1.3 Making Calls, “Interrupting an Existing Call (Executive Busy Override)”, Executive Busy Override — Extension, Executive Busy Override — Exchange Line
- 1.5 During a Conversation “Call Waiting”
- See the Installation Manual, Section 3, “Data Line Security”.
- See the Installation Manual, Section 3, “Hold”.

1.7 Useful Features

Parallel Connection of a Proprietary Telephone and Single Line Telephone (Paralleled Telephone Connection)

Any extension connected to extension ports 01 through 16 can be connected in parallel with a proprietary telephone and a single line telephone. In the event of a power failure, CO1 and CO4 can be accessed using the single line telephones that are connected in parallel with the proprietary telephones to extension ports 01 and 09 respectively. If the extension receives a call, ringing will be heard from the proprietary telephone and the single line telephone. You can answer the call by using either the proprietary telephone or the single line telephone. An answering machine, facsimile, MODEM (personal computer), etc., can be connected instead of a single line telephone.

System Programming is required to enable this feature.



- PT** • A proprietary telephone LCD will show you the status of the single line telephone.
- SLT** • The following features will not work with a single line telephone connected in parallel with a proprietary telephone.
 - Call Splitting
 - External Feature Access
 - Account code input
 - Conference
 - Door opener while talking to the doorphone
 - Pickup dialling
- SLT** • A single line telephone connected in parallel with a proprietary telephone cannot make a call in the following cases.
 - The proprietary telephone is set to the BGM mode.
 - The proprietary telephone is receiving a page through the built-in speaker.
 - The proprietary telephone is set to the PROGRAM mode.
- SLT** • A single line telephone connected in parallel with a proprietary telephone will not ring in the following cases.
 - The proprietary telephone is set to Handsfree Answerback.
 - The proprietary telephone is set to “Voice Call” in the Intercom Alert Assignment.



- See the Installation Manual, Section 3, “Paralleled Telephone Connection”.

Mixed Extension Dialling

Any telephone, either a KX-T7130/KX-T7020/KX-T7050, single line rotary phone (10 pps, 20 pps) or single line touch tone telephone, may be used as an extension for the system.

1.7 Useful Features

External Feature Access

Allows you to access special features (e.g. Call Waiting) offered by a host PBX or Local Exchange. This feature is effective only during an outside call. You can access the feature by using either the RECALL button or the feature number.

Using the RECALL button

PT

During a conversation with an outside party

 **RECALL** **code**

Press RECALL. Enter the desired service code.

• The current call is placed on hold.

Using the feature number

SLT

During a conversation with an outside party

 **R** **6** **code**

Press Recall. Dial 6. Enter the desired service code.

• The current call is placed on hold.



- PT** • A “Recall Time” must be assigned as required by the host PBX, or exchange line.
- PT** • You may access some features of the host PBX using the RECALL button. If the system is connected to a host PBX and the recall operation is required, follow the recall operation procedure which is required by the host PBX.
- The RECALL button also allows you to disconnect the current call and make another call without hanging up by System Programming. You can also assign a flexible key for the recall button.



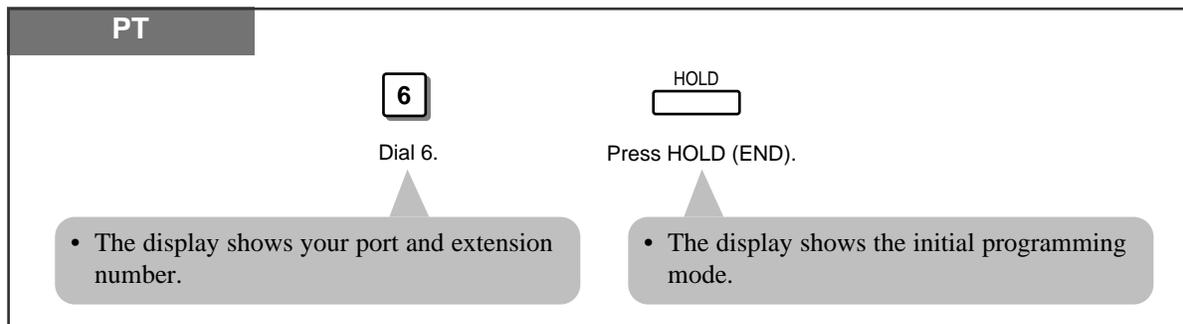
- 1.2 Proprietary Telephone Settings, “Customising the Buttons on Your Telephone”, One-Touch Access for System Features
- 1.3 Making Calls, “Recall”
- See the Installation Manual, Section 3, “External Feature Access”.

1.7 Useful Features

Self-Extension Number Confirmation (KX-T7130 only)

Allows you to display your port and extension number.

To program, set the MEMORY switch on the proprietary telephone to “PROGRAM”.



- Be sure the handset is on the cradle and the SP-PHONE button is off.
- After programming, return the MEMORY switch to the “SET” position.
- You can confirm your Self-Extension Number by pressing “* *” while on-hook.

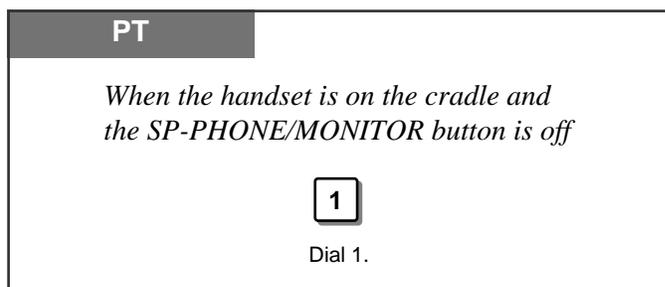


- See the Installation Manual, Section 3, “Self-Extension Number Confirmation (KX-T7130 only)”.

Turning the Background Music on (BGM)

You can listen to background music through the built-in speaker of the telephone. An external music source, such as a radio, can be connected. The music stops whenever a call comes in, a page comes in, or you go off-hook.

Setting / Cancelling



- See the Installation Manual, Section 3, “Music on Hold/Background Music (BGM)”.

1.7 Useful Features

Extension Button Confirmation (KX-T7130 only)

You can confirm the values stored in the button using the LCD.

Checking

Press the button you want to confirm.

| PT | | | | |
|--------------------------------|-----------------------------|---------------------------------|---------------------------------|----------------------------|
| REDIAL <input type="text"/> | <input type="text"/> | FWD/DND <input type="text"/> | MESSAGE <input type="text"/> | CO <input type="text"/> |
| Press REDIAL. | Press PROGRAMMABLE FEATURE. | Press FWD/DND. | Press MESSAGE. | Press flexible line key. |

| DSS Console | |
|---|-----------------------------|
| No. <input type="text"/> | <input type="text"/> |
| Press DSS. | Press PROGRAMMABLE FEATURE. |
| <ul style="list-style-type: none">• First set the MEMORY switch to “PROGRAM”. | |



- Be sure the handset is on the cradle and the SP-PHONE button is off.
- When the display exceeds 17 characters, the “&” mark will be displayed on the right side of the LCD.
- After confirming the values stored in DSS buttons on the DSS Console, return the MEMORY switch to the “SET” position.



- See the Installation Manual, Section 3, “Extension Button Confirmation (KX-T7130 only)”.

Pulse to Tone Conversion

Allows you to change the dialling mode from Pulse to Tone to access services that require tones, such as computer based telephone services and Voice Mail.

| Any Telephone | | |
|--|-----------------------------|---|
| phone no. (Pulse mode) <input type="text"/> | * # <input type="text"/> | desired no. (Tone mode) <input type="text"/> |
| Enter the phone number (Pulse mode). | Dial *#. | Enter the desired number (Tone mode). |



- You cannot change from Tone to Pulse dialling mode.



- See the Installation Manual, Section 3, “Pulse to Tone Conversion”.

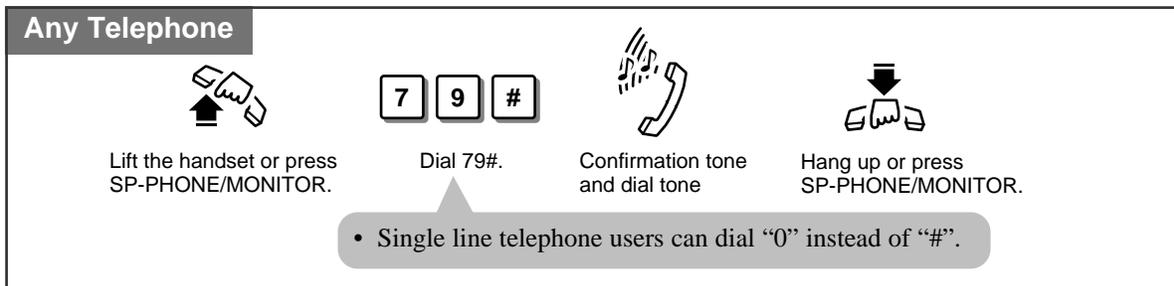
1.7 Useful Features

Cancelling Features (Extension Feature Clear)

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

- | | |
|--------------------------------------|---|
| a) Absent Message Capability | k) Message Waiting – (All messages will be erased.) |
| b) Automatic Callback Busy (Camp-On) | l) Pickup Dialling – (The stored telephone number will be erased.) |
| c) Background Music (BGM) | m) Paging-Deny |
| d) Call Forwarding | n) Room Monitor |
| e) Call Pickup Deny | o) Timed Reminder |
| f) Call Waiting | p) Voice Mail Integration |
| g) Data Line Security | |
| h) Do Not Disturb (DND) | |
| i) Executive Busy Override Deny | |
| j) Log-In/Log-Out | |

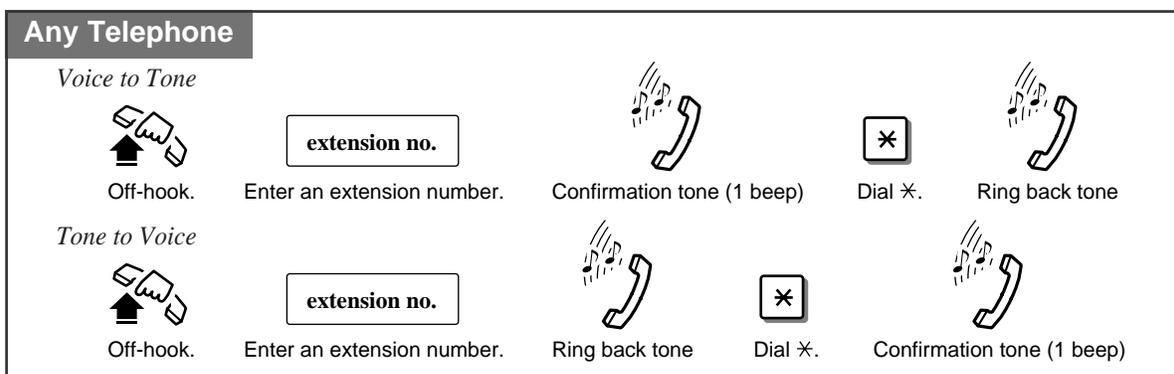
Clearing the current feature settings



- See the Installation Manual, Section 3, “Extension Feature Clear”.

Alternate Calling — Ring/Voice

“Voice Call” which is set at the called party’s extension can be switched to “Tone Call” (ringing) and vice versa. This feature must be set beforehand at the called party’s extension. Refer to Proprietary Telephone Settings (Section 1.2). A rotary phone cannot use this feature.



- See the Installation Manual, Section 3, “Alternate Calling — Ring/Voice”.

1.7 Useful Features

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone.
Up to 4 doorphones can be connected to the system.

Calling an extension from a doorphone

Any Doorphone



Press the Doorphone button for 1 second. Wait for an answer and talk.

Answering a doorphone call

Any Telephone

When you hear the doorphone ring tone at the extension:



Lift the handset or press SP-PHONE.

Calling a doorphone

Any Telephone



Lift the handset or press SP-PHONE. Dial 31. Enter a doorphone number (1 through 4). Confirmation tone (1 through 4). Talk.



- An optional doorphone/door opener card and doorphones are necessary for this feature.
- If you do not answer an incoming doorphone call within 15 or 30 seconds, the call will be cancelled.
- You must program the extensions which can receive calls from each doorphone for the day, night and lunch modes.
- Any extension user can call a doorphone.
- The Call Waiting feature is not available with doorphone calls.
- Doorphone 1 and Doorphone 2 cannot receive calls simultaneously. When one is in use, an extension user cannot have a conversation with the other. This is the same for Doorphone 3 and Doorphone 4.
- Doorphones can also be used for the Room Monitor feature.



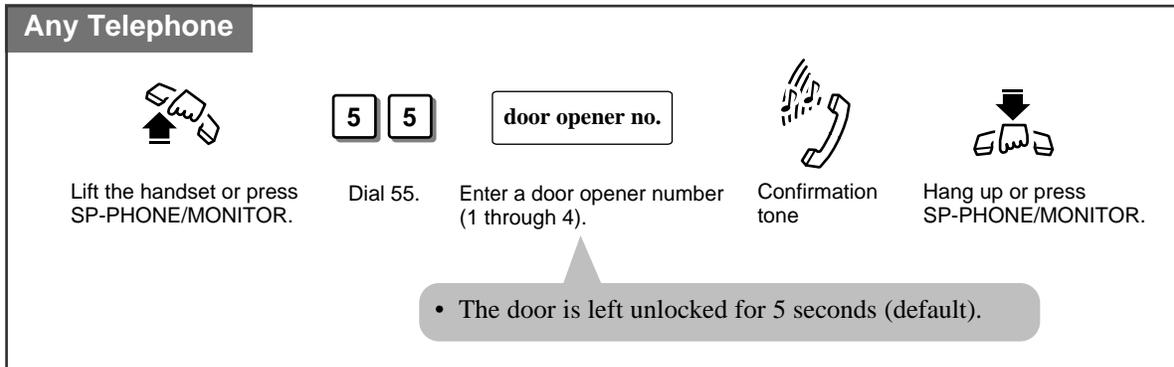
- 1.7 Useful Features, “Room Monitor”
- See the Installation Manual, Section 3, “Doorphone Call”.

1.7 Useful Features

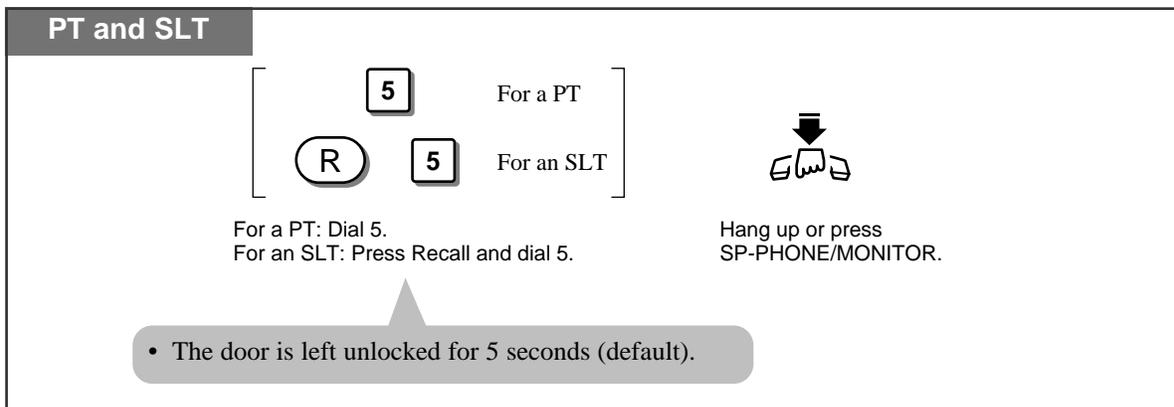
Door Opener

Allows you to unlock the door from your telephone.
Up to 4 door openers can be connected to the system.

To unlock the door from an assigned extension



To unlock the door while talking to the doorphone



- An optional doorphone/door opener card is necessary for this feature.
- If you dial 5 again while the door is open, the door will stay open for another 5 seconds (default).
- You can program the extensions which can open the doors for the day, night and lunch modes.
- You can modify the door opener timer in System Programming.
- The door opener will open the door, even if a doorphone is not installed.



- See the Installation Manual, Section 3, “Door Opener”.

1.7 Useful Features

Voice Mail Integration for KX-TVP100

Allows you to use a Panasonic Voice Processing System (KX-TVP100) to forward your calls to a mailbox in the system. A caller can leave a message in your mailbox. If you use a proprietary telephone which has a MESSAGE button, the button light will turn on to let you know you have messages. If you use a single line telephone, dial tone 3 will let you know you have messages when you go off-hook.

If this feature is enabled, the system automatically sends the Follow-on ID to the Voice Mail Port before connecting the caller. You must choose one of the following two settings for the Follow-on ID format.

Setting A: only sends the extension number to the Voice Mail Port.

Setting B: sends “#6” followed by the extension number. “#6” is used by a Panasonic KX-TVP100 to force the VPS port into voice mail service.

The setting depends on the format required by your voice processing system.

Setting

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

For a PT: Press FWD/DND.
For an SLT: Dial 71.

setting no.

Dial the setting number.
For setting A: Dial 91.
For setting B: Dial 92.

Dial #.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

- You may press the flexible button assigned as the FWD/DND button instead.
- Single line telephone users can dial “0” instead of “#”.

Cancelling

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

For a PT: Press FWD/DND.
For an SLT: Dial 71.

Dial 90#.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

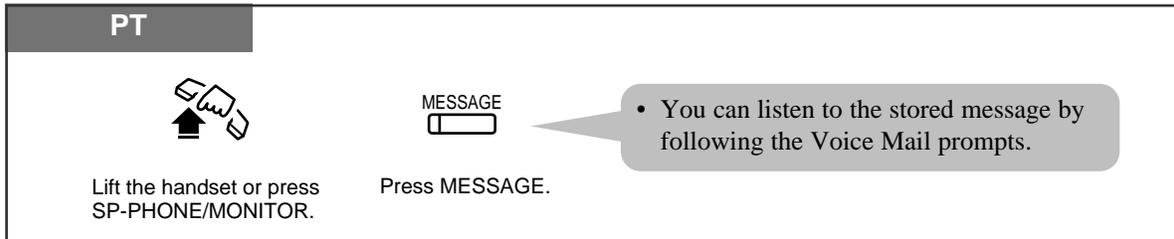
- You may press the flexible button assigned as the FWD/DND button instead.
- Single line telephone users can dial “0” instead of “#”.

1.7 Useful Features

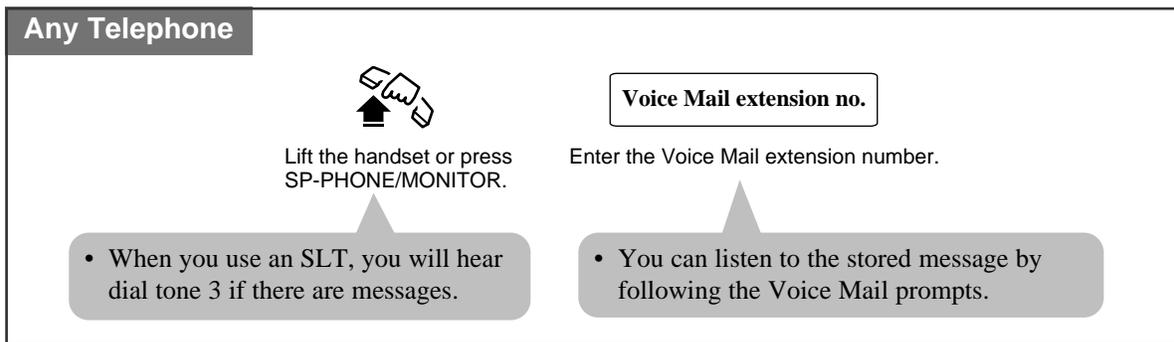
Listening to a stored message

You can listen to the messages stored in your mailbox easily. There are two operations to play back messages.

Using the Message Waiting (MESSAGE) button



By manual dialling



- To forward your calls to your mailbox by the Call Forwarding feature, you have to set “Call Forwarding — All Calls” or “Call Forwarding — Busy or No Answer”.

The setting is as follows.

[Lift receiver] [FWD/DND or 71] [91# or 92#] (after hearing a confirmation tone and dial tone) [FWD/DND or 71] [1 (All Calls) or 2 (Busy or No Answer)] [Voice mail extension number] [#] [Replace receiver]

The cancelling is as follows.

[Lift receiver] [FWD/DND or 71] [90#] (after hearing a confirmation tone and dial tone) [FWD/DND or 71] [0#] [Replace receiver]

PT

- A flexible key can be assigned as the FWD/DND button.

SLT

- You will hear dial tone 3 if there are messages in your mailbox when you lift your receiver. When you access voice mail, you have to listen to all of the new messages. If you do not listen to all of the messages, dial tone 3 will be eliminated and you will not know there are messages in your mailbox the next time you lift your receiver.



- 1.2 Proprietary Telephone Settings, “Customising the Buttons on Your Telephone”, FWD/DND Button, Restoring the Message Button
- 1.6 Before Leaving Your Desk “Forwarding a Call (Call Forwarding)”, All Calls, Busy or No Answer
- See the Installation Manual, Section 3, “Intercept Routing”.
- See the Installation Manual, Section 3, “Voice Mail Integration for KX-TVP100”.

1.7 Useful Features

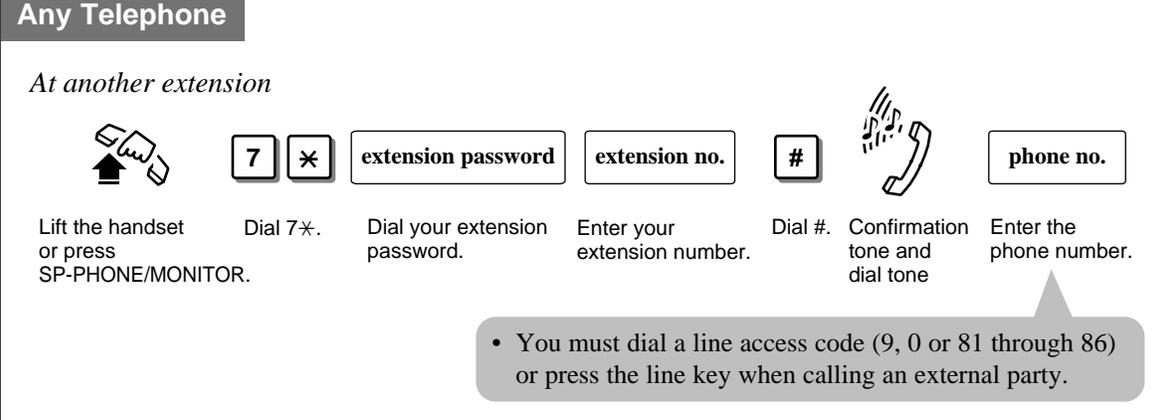
Calling Using Your Privileges from Another Extension (Walking COS)

Allows you to use your calling privileges (Call Barring — Class of Service) at another extension. You may override restrictions which may be set at the extension.

Making a call

Any Telephone

At another extension



Lift the handset or press SP-PHONE/MONITOR. Dial 7*. Dial your extension password. Enter your extension number. Dial #. Confirmation tone and dial tone. Enter the phone number.

• You must dial a line access code (9, 0 or 81 through 86) or press the line key when calling an external party.



- Call Barring Class of Service (COS) is used to define the feature. Each extension is assigned a Call Barring COS number.

SLT

- A rotary telephone cannot use this feature.



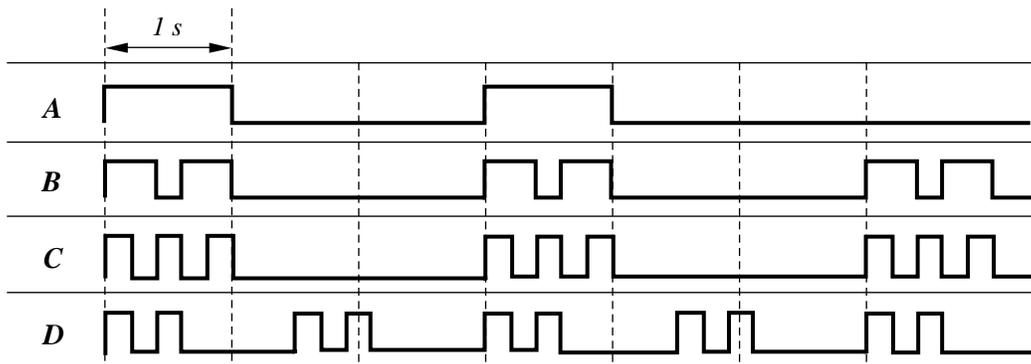
- 1.8 Operator/Manager Service Features, “Extension Password Set (Manager only)”
- See the Installation Manual, Section 3, “Walking COS”.

1.7 Useful Features

Ringling Pattern Selection

A different ringing pattern is used to distinguish intercom calls from incoming outside calls.

- You can select the ringing pattern as follows in System Programming.
 - Exchange line: 3 patterns (A, B or C)
 - Extension: 3 patterns (A, B or C)
 - Doorphone: 4 patterns (A, B, C or D)



- 2.1 Tone / Ring Tone List
- See the Installation Manual, Section 3, “Ringling Pattern Selection”.

Distinctive Dial Tones

A distinctive dial tone will be heard from the handset if the extension user has previously activated a certain feature.

Dial Tone 1: Ordinary dial tone

Dial Tone 2: When any of the following features are activated.

- Absent Message Capability
- Back Ground Music (BGM) (only a proprietary telephone)
- Call Forwarding
- Call Pickup Deny
- Data Line Security
- Do Not Disturb (DND)
- Electronic Extension Lockout
- Message Waiting (only a proprietary telephone)
- Pickup Dialling (only a single line telephone)
- Remote Extension Lock Control
- Timed Reminder

Dial Tone 3: When performing Account Code Entry and answering a Timed Reminder call. Also sent when going off-hook with an SLT which has a message in a Voice Processing System.



- 2.1 Tone / Ring Tone List
- See the Installation Manual, Section 3, “Distinctive Dial Tones”.

1.7 *Useful Features*

Power Failure Transfer

During a power failure, each of the following exchange lines will be connected to an assigned extension.

Exchange line 1: extension port 01

Exchange line 4: extension port 09



- During a power failure, all features cannot be used except for incoming and outgoing outside calls from extension ports 01 and 09.
- If extension ports 01 and 09 are connected to proprietary telephones, disconnect the units and connect single line telephones.



- See the Installation Manual, Section 3, “Power Failure Transfer”.

Lockout

If one party in a conversation goes on-hook, both parties will be disconnected from the speech path automatically. Reorder tone is sent to the off-hook party before they are disconnected. No operation is necessary.