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Find the *Panasonic KX-T7230* at our website: *Click HERE*

Panasonic

Digital Proprietary Telephone
For Digital Super Hybrid System

Model NO. **KX-T7230**

Reference Guide



with LCD and Speakerphone

This is a picture of white color model.

The KX-T7230 is compatible with the Panasonic Digital Super Hybrid System and can perform most of the functions of the system.

Please read before using this telephone.

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Thank you for purchasing this Panasonic Telephone.

Please read IMPORTANT SAFETY INSTRUCTIONS on pages 24-25 before use. Read and understand all instructions.

Introduction

This KX-T7230 Digital Proprietary Telephone is designed for use with the Digital Super Hybrid System. The telephone has the following convenient features:

Liquid Crystal Display

The 16-character / 2-line readout display provides visual cues for the user. These cues adapt to the current state of the telephone. In Programming mode, the display shows Programming messages.

Speakerphone

A built-in speakerphone lets you have a totally "Handsfree" conversation.

Twenty-four Flexible CO Buttons

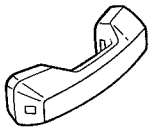
These buttons are totally flexible allowing you to re-assign them as another CO or to various feature buttons, such as, One-Touch Dialing or SAVE.

Soft Button

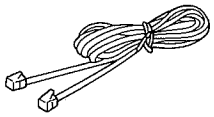
Pressing a soft button performs the function/operation appearing on the bottom line of the display.

Included Accessories

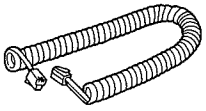
Handset.....one



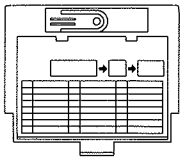
Telephone line cord.....one



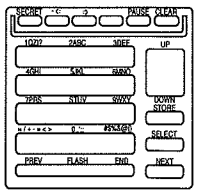
Handset cord .....one



Card holder with memory station card .....one



Overlay .....one
(For System Programming)



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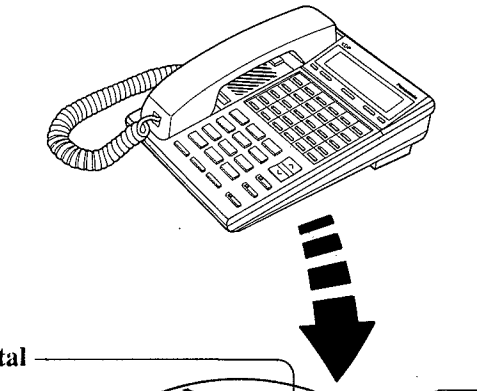
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Location of Controls



Display (Liquid Crystal Display)
A 16-character/2-line readout.

PROGRAM Button
Used to enter/exit Programming mode.

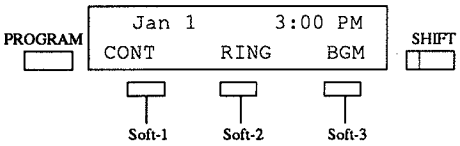
Soft Buttons
(S1 through S3)
Pressing a Soft button performs the function/ operation appearing on the bottom line of the display.

SHIFT Button
Used to access the second level of Soft Button functions.

Flexible CO Buttons
(CO 01 through CO 24)
Can be assigned as any CO or can be used to access one of several features.

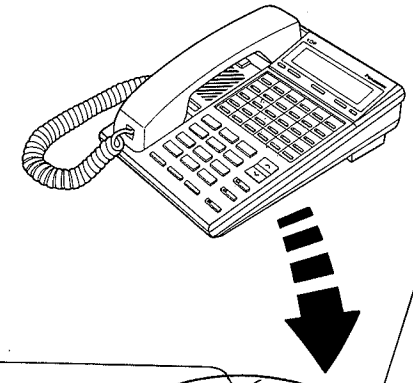
The Display and Buttons

Initial Menu



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Location of Controls (contd.)



FWD/DND Button
Used to program Call Forwarding or set Do Not Disturb.

MESSAGE Button
Used to call back the message sender.

PAUSE Button
Inserts a pause in speed dial or other numbers.

TRANSFER Button
Transfers a call to another extension or to an external destination.

VOLUME Button
Used to adjust the ringer, speaker and handset/headset volume and the display contrast.

AUTO DIAL/STORE Button
Used for System Speed Dialing and for storing program changes.

AUTO ANSWER/ MUTE Button
Used for extension auto answer and microphone mute during a conversation.

SP-PHONE Button
Used for handsfree operation.

CONF (Conference) Button
Used to establish a three-party conference.

INTERCOM Button
Used to make or receive extension calls.

REDIAL Button
Used for Last Number or Automatic Redialing.

FLASH Button
Sends an External Feature Access signal to the central office or to a host PBX to access their features. If a PBX is not being used this button can be used to disconnect the current call and start another call without hanging up.

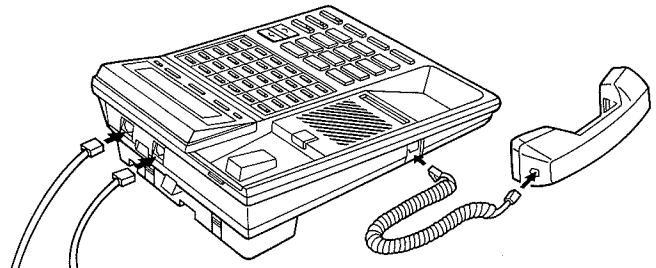
HOLD Button
Used to place a call on hold.

Microphone
Used to speak for handsfree conversation.

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Connection

Connect as shown.



If you connect to a Single Line Telephone (SLT),
→ connect to a jack of a Single Line Telephone (SLT).
(Refer to the Installation Manual of the Digital Super Hybrid System.)
→ Connect to a Digital Super Hybrid System.

The included telephone line cord

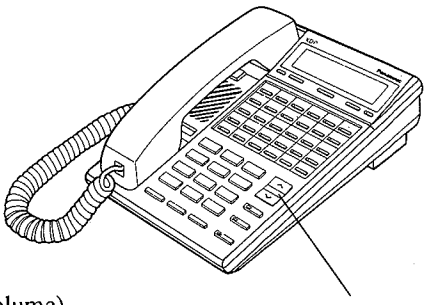
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Volume Control

You can adjust the volume by pressing the VOLUME button.
The number of * 's on the display shows the volume level.

<Example>

```
Contrast  ***
```



VOLUME Button

–Speaker Volume Control

1 Press the **SP-PHONE** button.
2 Press the ∧ (**UP**) or ∨ (**DOWN**) button.

–Handset/Headset Volume Control

1 Lift the handset (for Handset Volume).
  Press the **SP-PHONE** button (for Headset Volume).
2 Press the ∧ (**UP**) or ∨ (**DOWN**) button.

–Ringer Volume Control

During on-hook status;

1 Press the **RING (S2)** button.
2 Press the ∧ (**UP**) or ∨ (**DOWN**) button.

While the telephone is ringing;

1 Press the ∧ (**UP**) or ∨ (**DOWN**) button.

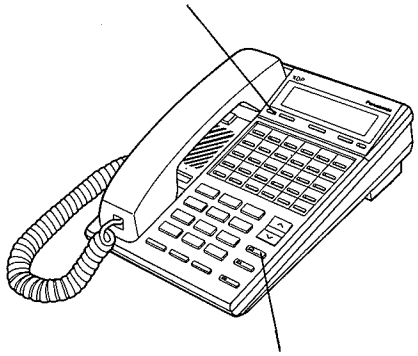
–Display Contrast Control

1 Press the **CONT (S1)** button.
2 Press the ∧ (**UP**) or ∨ (**DOWN**) button.

Handset/Headset Selection

1 Press the **PROGRAM** button.
2 Dial **999**.
3 Dial **1** or **2**.
  –1: Handset
  –2: Headset (optional)
4 Press the **STORE** button.
5 Press the **PROGRAM** button.

PROGRAM Button



AUTO DIAL/STORE Button

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Feature Descriptions

■ **Absent Message Capability**
There are nine flexible absent messages available. If you select a message it will be shown on the display of the calling party's telephone.

■ **Account Code Entry**
Used to identify incoming and outgoing CO calls, for accounting and billing purposes.
If required, you can be forced to enter an account code before dialing.

■ **Alternate Calling–Ring/Voice**
Allows you to select ring or voice calling when making an intercom call. In Ring-Calling mode, you can call the other party with a ring tone. While in Voice-Calling mode, you can talk to the other party immediately after a confirmation tone.

■ **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. When you answer, their phone rings.

■ **Background Music (BGM)**
Background music, from an external source, is heard through the built-in speaker of the telephone.

■ **Busy Station Signaling (BSS)**
You can inform a busy extension, which Call Waiting has been set, that you are waiting. The extension hears three beeps.

■ **Call Forwarding (FWD)**
Automatically transfers incoming calls to another extension or to an external destination. The following types are available:

– **All Calls**
All incoming calls are forwarded to another extension.

– **Busy**
All incoming calls are forwarded to another extension, when your extension is busy.

– **No Answer**
All incoming calls are forwarded to another extension, if you don't answer the call.

– **Busy/No Answer**
All incoming calls will be forwarded to another extension, if you don't answer or your extension is busy.

– **to CO Line***
All incoming calls are forwarded to a CO Line.

– **Follow Me**
Allows you to remotely set Call Forwarding-All Calls from another extension.

■ **Call Hold**
Allows you to hold an extension or a CO call.

■ **Call Park**
Allows you to "park a call" so that any extension can retrieve it.

■ **Call Pickup**
Allows you to answer a call ringing at another extension.

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Feature Descriptions (contd.)

■ **Call Transfer to Extension**
Transfers incoming CO or extension calls to another extension (screened or unscreened).

■ **Call Waiting**
Informs you with three beeps that there is a call waiting.

■ **Conference**
Allows you to make a three-party conference.

■ **Do Not Disturb (DND)**
The extension will not receive extension or CO calls.

■ **Do Not Disturb (DND) Override***
Allows you to call an extension even though Do Not Disturb is set.

■ **Executive Busy Override**
– **CO Line**
Allows you to enter into an existing CO call or to add a third party to your existing conversation.
– **Extension***
Allows you to enter into an existing extension conversation.

■ **External Feature Access**
Allows you to access special functions (e.g. Call Waiting) offered by a PBX, Centrex or the central office.

■ **Full One-Touch Dialing**
This feature automatically activates the handsfree speakerphone and dials a phone number or accesses a system feature at the touch of a button.

■ **Intercom Calling**
Allows you to make a call to another extension.

■ **Line Access, Automatic**
Allows you to select an available CO line automatically.

■ **Line Access, CO Line Group (Trunk Group)**
Allows each extension to select an idle CO line within the designated CO Line Group.

■ **Line Access, Individual**
Allows you to select the desired CO line without dialing the line access code.

■ **Message Waiting**
Allows you to leave a message for another extension. The message waiting lamp gives a visual indication that a message has been received.

■ **Paging**
Provides an announcement (page), through the built-in speaker of the telephone or by the external speakers.
– **All**
• Page through both built-in speakers and external pagers.
– **External**
• Page through all the external pagers simultaneously.
• Paging to a specific external pager.
– **Group**
• Page to all groups (all extensions) simultaneously.
• Page to a particular group of extensions using the built-in speakers.

■ **Paging and Transfer**
Allows you to transfer a call to the paged person.

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Feature Descriptions (contd.)

■ **Paralleled Telephone Connection**
This unit can be connected in parallel with a single line telephone. When this connection is made, either telephone can be used.

■ **Pulse to Tone Conversion**
Allows you to change from Pulse mode to Tone mode.

■ **Redial**
– **Automatic**
Without lifting the handset, redialing can be activated automatically and repeated until the called party answers. The number and time between retries is programmable.
– **Last Number**
Automatically saves the last CO call number you dialed and allows you to make the same outgoing call again.
– **Saved Number**
The desired CO call number can be stored and then redialed.

■ **Station Feature Clear**
Allows you to reset all station features you programmed, which gives two beeps before dialing, to the default settings.

■ **Station Speed Dialing**
Each station can store up to 10 speed dial numbers which are only available to that extension user.

■ **System Speed Dialing**
The system supports 100 speed dial numbers which are available to all extension users.

■ **Trunk (CO Line) Answer from Any Station (TAFAS)**
Ringing through the external paging system indicates an incoming CO call. TAFAS allows this call to be answered from any extension.

■ **Voice Mail Integration**
When you are busy or absent, your calls can be forwarded to a mail box of the Voice Processing System.

*These features must first be enabled through System Programming. See the Installation Manual of the Digital Super Hybrid System.

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Operating Instructions

<NOTE>

Off-hook:	Lift the handset or press the SP-PHONE button.
On-hook:	Replace the handset or press the SP-PHONE button.
Sx:	Press Soft button "x".

Helpful hints for Handsfree operation:

- **If it is difficult to hear the other party's voice;**
  Raise the sound level using the Speaker Volume Control.
- **If the other party has difficulty hearing you;**
  Lower the sound level.
- **Absorbing echoes;**
  Use this unit in a room which has curtains and/or carpeting.
- **To avoid missing part of the conversations;**
  If you and the other party speak at the same time, parts of your conversation will be lost. To avoid this, speak alternately.

The following features can be performed by pressing a Soft button.

Account Code Entry
Alternate Calling – Ring/Voice
Automatic Callback Busy (Camp-On)
Background Music (BGM)
Busy Station Signaling (BSS)
Do Not Disturb (DND) Override
Executive Busy Override
External Feature Access

—For more information see the detailed descriptions for each feature.

Basic Operation

■ Making Calls

– Intercom Calling

- Off-hook.
- Dial [extension number].

– Outward Dialing

- Off-hook.
- Dial [9] or [81] - [88], or press a [CO] button.
  - – **9** : Line Access, Automatic
  - – **81-88** : Line Access, CO Line Group (Trunk Group)
  - – **CO** : Line Access, Individual
- Dial [phone number].

■ Receiving Calls

- Off-hook.

or

- Press a flashing [CO] or [INTERCOM] button directly.

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Operating Instructions (contd.)

Standard Operation

■ Absent Message Capability

Setting

Message 1. "Will Return Soon"
- Off-hook.
- Dial [7501].
- On-hook.

Message 2. "Gone Home"
- Off-hook.
- Dial [7502].
- On-hook.

Message 3. "At Ext (*number*)"
- Off-hook.
- Dial [7503] + [extension number].
- On-hook.

Message 4. "Back at (*time*)"
- Off-hook.
- Dial [7504].
- Enter [hour] (00-23).
- Enter [minute] (00-59).
- On-hook.

Message 5. "Out Until (*date*)"
- Off-hook.
- Dial [7505].
- Enter [month] (01-12).
- Enter [day] (01-31).
- On-hook.

Message 6. "In a Meeting"
- Off-hook.
- Dial [7506].
- On-hook.

Message 7, 8 or 9. (*Unassigned*)
- Off-hook.
- Dial [7507] through [7509].
  - –**7507**: for Message 7
  - –**7508**: for Message 8
  - –**7509**: for Message 9
- Enter parameters (if required).
- On-hook.

Cancelling
- Off-hook.
- Dial [7500].
- On-hook.

■ Account Code Entry

When hearing dial tone or during a conversation with an outside party;
- Press [ACCNT] (S3) button.
- Enter [account code] + [#].

■ Alternate Calling – Ring/Voice

When calling an extension;

To change to Ring mode
- Press [Tone] (S2) button.

To change to Voice mode
- Press [Voice] (S3) button.

■ Automatic Callback Busy (Camp-On)

While hearing busy tone;
- Press [C. BCK] (S3) button.
- *Confirmation tone is audible.*
- On-hook.

■ Background Music (BGM)

Setting/Cancelling

While on-hook;
- Press [BGM] (S3) button.

■ Busy Station Signaling (BSS)

If a busy tone is heard;
- Press [BSS] (S1) button.
- Wait for an answer.

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Operating Instructions (contd.)

■ Call Forwarding (FWD)

Setting

– All Calls

- Off-hook.
- Press [FWD/DND] button.
- Dial [2] + [extension number].
- On-hook.

– Busy

- Off-hook.
- Press [FWD/DND] button.
- Dial [3] + [extension number].
- On-hook.

– No Answer

- Off-hook.
- Press [FWD/DND] button.
- Dial [4] + [extension number].
- On-hook.

– Busy/No Answer

- Off-hook.
- Press [FWD/DND] button.
- Dial [5] + [extension number].
- On-hook.

– to CO Line

- Off-hook.
- Press [FWD/DND] button.
- Dial [6] + [line access code] **(9, 81-88)** + [phone number] + [#].
- On-hook.

– Follow Me

- Off-hook.
- Press [FWD/DND] button.
- Dial [7] + [your extension number].
- On-hook.

Cancelling

– At the original extension

- Off-hook.
- Press [FWD/DND] button.
- Dial [0].
- On-hook.

– At the destination extension (Follow Me)

- Off-hook.
- Press [FWD/DND] button.
- Dial [8].
- Dial [your extension number].
- On-hook.

■ Call Hold

- Press [HOLD] button.

Retrieving

(Intercom Call)

– At the holding extension

- Press [INTERCOM] button.

– At another extension

- Off-hook.
- Dial [51] + holding [extension number].

(CO Call)

– At the holding extension

- Press the green [CO] button that is slowly flashing.

– At another extension

- Press the red [CO] button that is slowly flashing.

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Operating Instructions (contd.)

■ Call Park

Setting

While having a conversation;

- Press [TRANSFER] button.
- *Confirmation tone is audible.*
- Dial [52] + [parking zone number] (0-9).
- *Confirmation tone is audible.*
- On-hook.

Retrieving

- Off-hook.
- Dial [52] + [parking zone number] (0-9).
- *Confirmation tone is audible (optional).*
- Talk.

■ Call Pickup

– CO Line

- Off-hook.
- Dial [4 ✳].
- *Confirmation tone is audible (optional).*
- Talk.

– Directed

- Off-hook.
- Dial [41] + [extension number].
- *Confirmation tone is audible (optional).*
- Talk.

– Group

- Off-hook.
- Dial [40].
- *Confirmation tone is audible (optional).*
- Talk.

■ Call Transfer to Extension

– Screened

While having a conversation;

- Press [TRANSFER] button.
- Dial [extension number].
- Wait for an answer and announce.
- On-hook.

– Unscreened

While having a conversation;

- Press [TRANSFER] button.
- Dial [extension number].
- On-hook.

■ Call Waiting

Setting

- Off-hook.
- Dial [7311].
- *Confirmation tone is audible.*
- On-hook.

Cancelling

- Off-hook.
- Dial [7310].
- *Confirmation tone is audible.*
- On-hook.

To talk to the new caller, terminating the current call

While hearing call waiting tone;

- Press the flashing [CO] or [INTERCOM] button.

To talk to the new caller, holding the current call

While hearing call waiting tone and the CO or INTERCOM indicator is flashing rapidly;

- Press [HOLD] button.
- Press the flashing [CO] or [INTERCOM] button. (If both the current call and new call are extension calls, you can skip this step.)

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Operating Instructions (contd.)

■ Conference

While having a conversation;

- Press [CONF] button.
- Dial the [third party's number].
- Talk to the third party.
- Press [CONF] button.

■ Do Not Disturb (DND)

Setting

- Off-hook.
- Press [FWD/DND] button.
- Dial [1].
- *Confirmation tone is audible.*
- On-hook.

Cancelling

- Off-hook.
- Press [FWD/DND] button.
- Dial [0].
- *Confirmation tone is audible.*
- On-hook.

■ Do Not Disturb (DND) Override

While hearing DND tone;

- Press [Over] (S2) button.

■ Executive Busy Override

– CO Line

- Off-hook.
- Press the red [CO] button.

– Extension

When a line is busy;

- Press [Over] (S2) button.

■ External Feature Access

While having a conversation;

- Press [EFA] (S2) button.
- Dial the code for the desired service.

■ Full One-Touch Dialing

Change a CO button to function as an One-Touch or SAVE button beforehand. See Station Programming (page 20).

- Press a [One-Touch] (CO), [REDIAL] or [SAVE] (CO) button.

■ Message Waiting

Setting

When the called extension is busy or does not answer;

- Press [MESSAGE] button.
- *Confirmation tone is audible.*
- On-hook.

Cancelling

- Off-hook.
- Dial [700] + [extension number].
- *Confirmation tone is audible.*
- On-hook.

Selecting a message from the messages waiting

- Press [MESSAGE] button repeatedly until the desired message sender appears on the display.

Responding to a message

- Off-hook.
- Press [MESSAGE] button.

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Operating Instructions (contd.)

■ Paging

– All

- Off-hook.
- Dial [32] (or [33]) + [*].
- *Confirmation tone is audible (optional).*
- Announce.

– External

To access all external pagers

- Off-hook.
- Dial [320].
- *Confirmation tone is audible (optional).*
- Announce.

To access a particular pager

- Off-hook.
- Dial [32] + [external pager number] (1-4).
- *Confirmation tone is audible (optional).*
- Announce.

– Group

To access all groups simultaneously

- Off-hook.
- Press [330].
- *Confirmation tone is audible (optional).*
- Announce.

To access a particular group of extensions

- Off-hook.
- Dial [33] + [extension group number] (1-8).
- *Confirmation tone is audible (optional).*
- Announce.

– Answer

- Off-hook.
- Dial [42] + [external pager number] (1-4), or [43].

–**42**: To answer a page sent from the external pager/TAFAS.

–**43**: To answer a page sent from the built-in speaker.

- *Confirmation tone is audible (optional).*
- Talk.

■ Paging and Transfer

To transfer

- Press [TRANSFER] button before dialing the paging feature number ([32] or [33]).

■ Paralleled Telephone Connection

Setting/Cancelling

- Off-hook.
- Dial [39].
- Dial [1] or [0].

–**1**: for setting

–**0**: for cancelling

-Confirmation tone is audible.

■ Pulse to Tone Conversion

- Dial [phone number] (Pulse mode).
- Dial [*] + [#].
- Dial [phone number] (Tone mode).

■ Redial

– Automatic

- Off-hook with [SP-PHONE] button.
- Press [REDIAL] button.

– Last Number

- Off-hook.
- Press [REDIAL] button.

– Saved Number

Assign a CO button as the SAVE button. See Station Programming (page 20).

Storing

While having a conversation or when hearing busy tone;

- Press [AUTO DIAL/STORE] button.
- Press [SAVE] (CO) button.
- On-hook.

Dialing

- Off-hook.
- Press [SAVE] (CO) button.

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Operating Instructions (contd.)

■ Station Feature Clear

- Off-hook.
- Dial [790].

-Confirmation tone is audible.

- On-hook.

■ Station Speed Dialing

Storing phone numbers

- Off-hook.
- Dial [30] + [Station Speed Dial number] (0-9) + [line access code] (9, 81-88) + [phone number] + [#].

- Confirmation tone is audible.

- On-hook.

Dialing

- Off-hook.
- Dial [3 ✳] + [Station Speed Dialing number] (0-9).

■ System Speed Dialing

- Off-hook.
- Press [AUTO DIAL/STORE] button.
- Dial the [System Speed Dialing number] (00-99).

■ Trunk (CO Line) Answer from Any Station (TAFAS)

Answer

Same operation as Paging-External Answer. (See page 16).

■ Voice Mail Integration

Setting Call Forwarding to Voice Processing System

- Off-hook.
- Press [FWD/DND] button.
- Dial [2] - [5].
  - –2: FWD-All Calls
  - –3: FWD-Busy
  - –4: FWD-No Answer
  - –5: FWD-Busy/No Answer
- Dial [extension number] of the Voice Processing System.

-Confirmation tone is audible.

- On-hook.

Playing back a recorded message

- Off-hook.
- Press [MESSAGE] button.

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Operating Instructions (contd.)

Operator Operation

<NOTE>
Only the operator 1 can perform the following operations.

■ Background Music (BGM)-External

Allows the system to play BGM through the external pagers.

Turning on/off

- Off-hook.
- Dial [35].
- On-hook.

■ Night Service

Supports both NIGHT and DAY modes of operation.

Setting

- Off-hook.
- Dial [781] or [780].

–**781** : from Day mode to Night mode
–**780** : from Night mode to Day mode

- On-hook.

■ Remote Station Lock Control

Allows to control Electronic Station Lockout on any station.

- Press [PROGRAM] button.
- Dial [99].
- Dial [0] + [**extension number**] or [✳].

–**extension** : lock or unlock one extension
– ✳ : lock or unlock all extensions

- Dial [1] or [2].

–**1** : Unlock
–**2** : Lock

- Press [STORE] button.
- Press [PROGRAM] button.

■ Outgoing Message (OGM)

Allows to record a message for play back with various message services.

Recording

- Off-hook.
- Dial [361] + [**OGM number**] (**1-4**).

–**1** : for Direct Inward System Access (DISA) message 1
–**2** : for Direct Inward System Access (DISA) message 2*
–**3** : for Timed Reminder message
–**4** : not assigned

-Confirmation tone is audible.

- Record your message.
- Press [STORE] button.

- Recorded message plays back.

- Press [STORE] button or wait until playback has finished.
- On-hook.

Playing back

- Off-hook.
- Dial [362] + [**OGM number**] (**1-4**).

-Confirmation tone and the message are audible.

- Press [STORE] button or wait until playback is finished.
- On-hook.

* The initial setting recording time for a DISA message 2 is zero. You can change the time through System Programming. See the Installation Manual of the Digital Super Hybrid System.

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Feature Numbers

This Manual uses the initial factory settings (default value) for feature descriptions. If you change the feature number, use the new code instead.

Feature Numbers	Default	Your #	Additional Required Digits
Absent Message Capability set/cancel	750		1-9/0
Background Music (BGM)-External on/off	35		
Call Park/Call Park retrieve	52		0-9
Call Pickup, CO Line	4 *		
Call Pickup, Directed	41		EXT.
Call Pickup, Group	40		
Call Pickup Deny set/cancel	720		1/0
Call Waiting set/cancel	731		1/0
Data Line Security set/cancel	730		1/0
Door Opener	55		1-4
Doorphone Call	31		1-4
Electronic Station Lockout set/cancel	77		lock code (000-999)
Executive Busy Override Deny set/cancel	733		1/0
Line Access, Automatic/ARS	9		
Line Access, CO Line (Trunk) Group	8		1-8
Message Waiting set/cancel/call back	70		1+EXT./0+EXT./2
Night Service set/cancel	78		1/0
OGM playback/record	36		1+(1-4)/2+(1-4)
Operator Call	0		(0,1)
Paging-All	32 or 33		*
Paging-External	32		0/1-4
Paging-External Answer/TAFAS Answer	42		1-4
Paging-Group	33		0/1-8
Paging-Group Answer	43		
Paralleled Telephone Connection set/cancel	39		1/0
Station Feature Clear	790		
Station Speed Dialing	3 *		0-9
Timed Reminder set	76		1+*hhmm+0/1+0/1
Timed Reminder cancel/confirm	76		0/2

*hhmm
hh : hour (00-12)
mm : minute (00-59)

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Station Programming

Before entering Programming, you need to enter Programming mode.

When the telephone is idle and on-hook;

- Press : [PROGRAM] [9] [9].

To exit Programming mode.

- Press : [PROGRAM].

or

- Lift the handset.

■ Call Waiting Tone Type Assignment

- Dial [5].
- Dial [1] or [2].
  - –1 : Call Waiting Tone 1
  - –2 : Call Waiting Tone 2
- Press [STORE] button.

■ Full One-Touch Dialing Setting

- Dial [3].
- Dial [1] or [2].
  - –1 : Off
  - –2 : On
- Press [STORE] button.

■ One-Touch Dialing Button Assignment

- Press the desired [CO] button.
- Dial [2] + the [desired number] (phone numbers or feature numbers, etc.).
- Press [STORE] button.

■ Preferred Line Assignment-Incoming

- Dial [2] + [line number] (**1**, **2**, or **3** + **CO number**).
  - –1 : for No Line Preference
  - –2 : for Ringing Line Preference
  - –3 : for Prime Line Preference (CO : 01-24)
- Press [STORE] button.

■ Preferred Line Assignment-Outgoing

- Dial [1] + [line number] (**1**, **2**, or **3** + **CO number**) or press [INTERCOM].
  - –1 : for No Line Preference
  - –2 : for Idle Line Preference
  - –3 : for Prime Line Preference (CO : 01-24)
  - – **INTERCOM** : for Prime Line (INTERCOM) Preference
- Press [STORE] button.

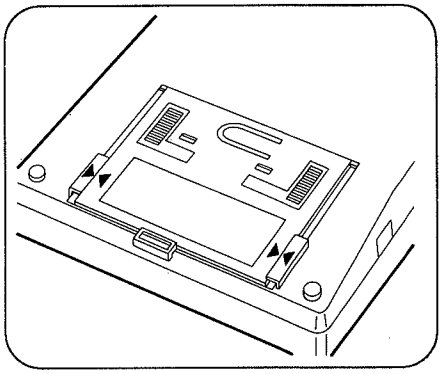
■ SAVE Button Assignment

- Press the desired [CO] button.
- Dial [5].
- Press [STORE] button.

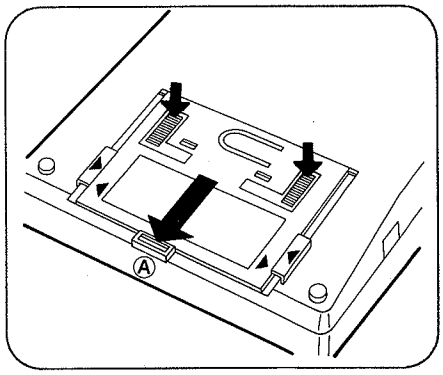
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Installing the Card Holder

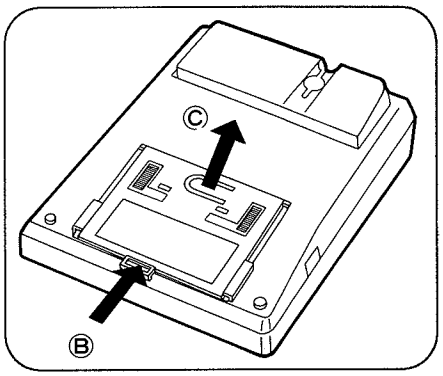
1 Match the marks (▶) on the card holder and on the slide rails on the unit.



2 Push two shaded portions slightly and insert the edges of the holder under the slide rails and then slide down in direction of arrow "A".



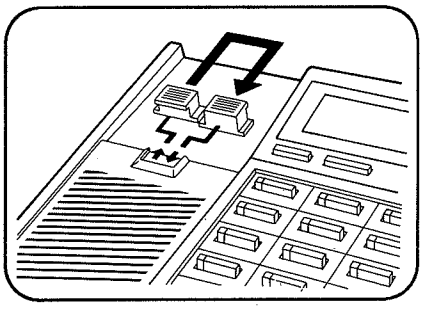
Removing the card holder:
Push the card holder in the direction of arrow "B" while keeping the tip of the holder pulling in the direction of arrow "C".



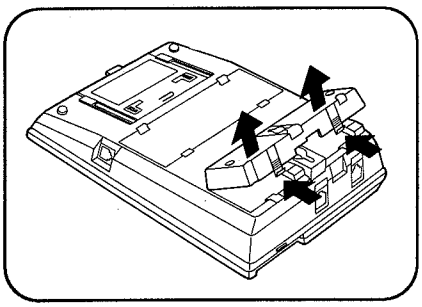
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Wall Mounting

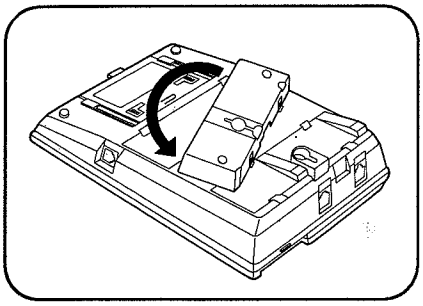
1 Remove the handset hook by pulling it toward the top of the unit. Turn it around. Re-insert.



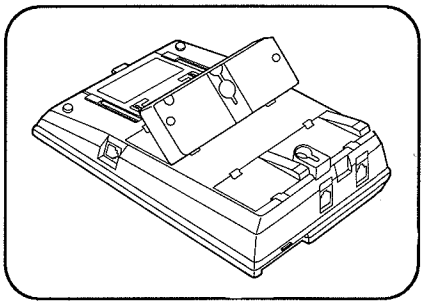
2 Remove the attaching stand.



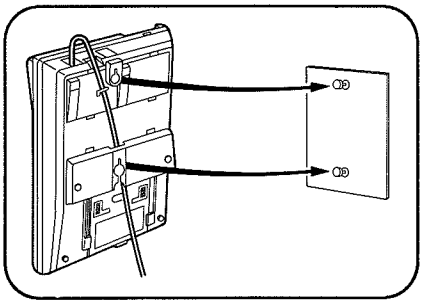
3 Turn it around 180 degrees.



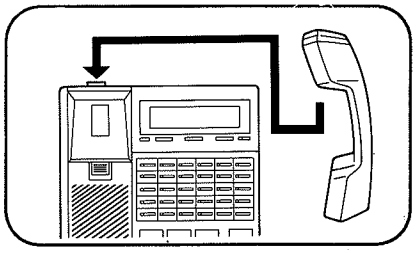
4 Place the stand on the center line.



5 Mount the unit on the wall.



To temporarily place the handset down during a conversation, hook it over the top edge of the phone as shown.



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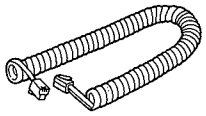
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*1 Feature Descriptions
*2 Operating Instructions

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Accessory Order Information

- Replacement parts and accessories are available through your local authorized parts distributor.
- For ordering the accessory, call toll free: 1-800-332-5368

Part No.	Picture	Description	Comment
KX-J07W/B **KX-J15W/B** **KX-J25W/B**		Handset cord	7 feet 15 feet 25 feet

W: White
B: Black

Important Safety Instructions

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

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Important Safety Instructions (contd.)

7. Do not allow anything to rest on the telephone cord. Do not locate this product where the cord will be abused by persons walking on it.

8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    E. If the product has been dropped or the cabinet has been damaged.
    F. If the product exhibits a distinct change in performance.

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

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

SAVE THESE INSTRUCTIONS

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FCC and Other Information

NOTE:
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

CAUTION:
Any unauthorised changes or modifications to this equipment could void the user's authority to operate this device. When programming emergency numbers and/or making test calls to emergency numbers:

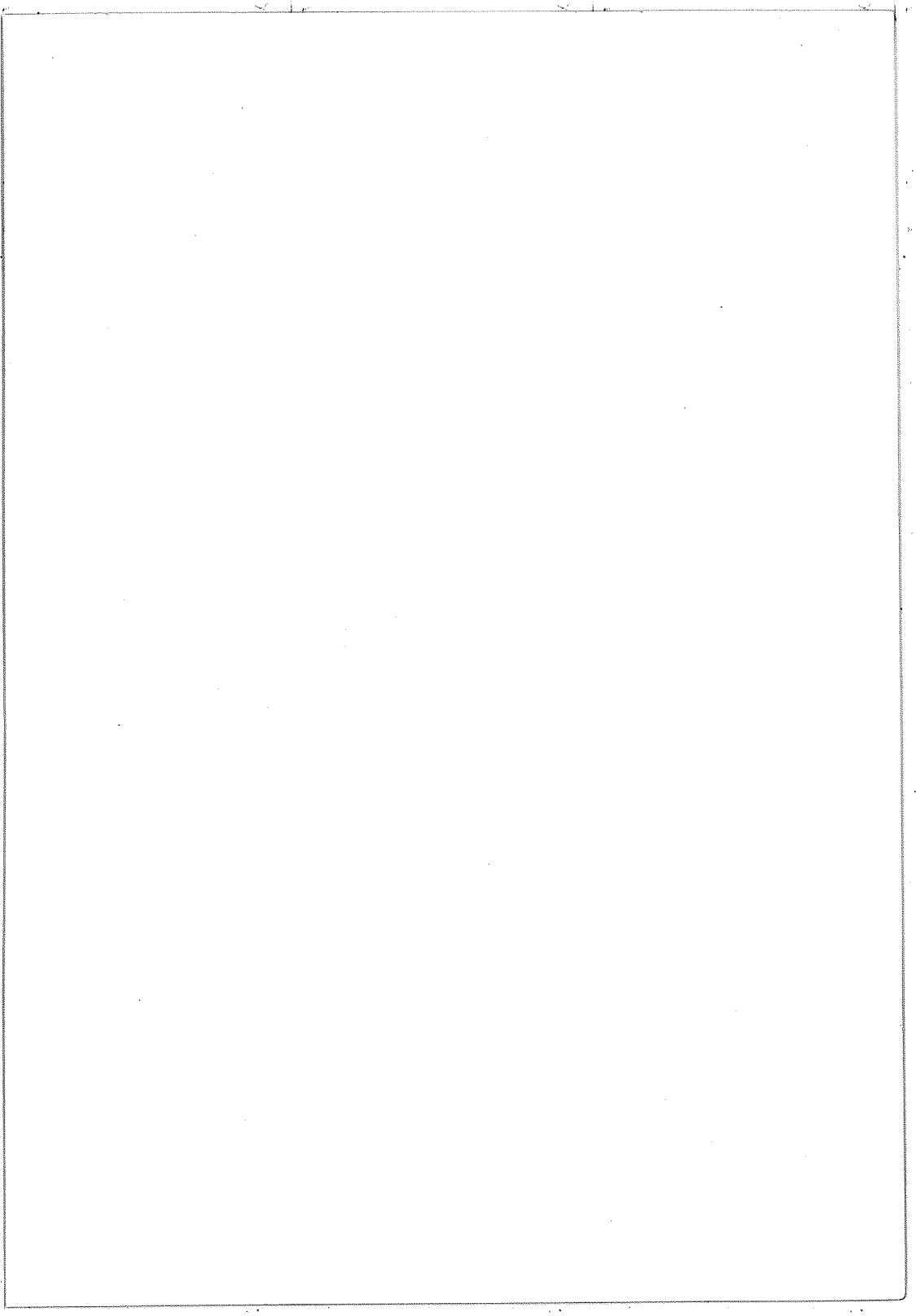
1) Remain on the line briefly and explain to the dispatcher the reason for the call before hanging up.
2) Perform such activities in the off-peak hours, such as early morning or late evenings.

If there is any trouble, disconnect the unit from the extension line and connect a known working phone. If the known working phone operates properly, have it repaired by one of the specified Panasonic Factory Service Centers. If the known working phone does not operate properly, check the Electronic Modular Switching System and the internal extension wiring.

- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or the like, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than Panasonic handset.

This telephone provides magnetic coupling to hearing aids.

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When you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom, to the outside of the carton. *DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.*

Product service

Panasonic Servicenters for this product are listed in the servicenter directory. Consult your authorized Panasonic dealer for detailed instructions.

Yam Electric
725.9897

For your future reference

SERIAL NO. _____ DATE OF PURCHASE _____
(found on the bottom of the unit)

NAME OF DEALER _____

DEALER'S ADDRESS _____

Panasonic Consumer Electronics Company ("PCEC"),
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Sales Company ("PSC"),
Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infanteria, Km. 9.5, San Gabriel Industrial Park, Carolina, P.R. 00985

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