

# Thank you for purchasing the Panasonic Telephone. Features

 Designed Exclusively for Panasonic Electronic Modular Switching System.

- 12-----

- LCD Readout shows date, time, call duration, internal caller's name, absence message. Also indicates word prompts to simplify system programming.
- 12 Flexible CO Line Buttons for CO line access and status. These buttons can also be programmed for DSS/BLF, one button trunk group access, onetouch auto dialling, and one-touch system feature access.
- Message Waiting Lamp allows the user to leave a message at any proprietary phone from any phone (within the KX-T123210BE system).
- For connection of the KX-T123230E, see "Connection" in INSTALLATION MANUAL.
- The DSS console (KX-T123240E or KX-T61640E) is provided as option. See "System Component" described on the reverse of the front cover in INSTALLATION MANUAL.

APPROVE nnection to telecommy tems specified in the instant the condition of the condition

- Auto-Answer Speakerphone lets you set the intercom for automatic "hands free" answering.
   Also allows on-hook dialling.
- 12 Programmable Feature Buttons for one-touch access to system features such as automatic callback and paging. Can also be used to store numbers for automatic dialling.

If you use a DSS console KX-T123240E or KX-T61640E, you can access another extension by one touch of a DSS button instead of pressing an extension number, and system features of KX-T123210BE by one touch of PROGRAMMABLE FEATURE button on a DSS console.
For further details, see OPERATING INSTRUCTIONS of KX-T123240E or

KX-T61640E.

- 999 can be dialled on the apparatus after accessing the CO line for the purpose of making outgoing calls to the BT emergency (999) service.
- During dialling, this apparatus may tinkle the bells of other telephones
  using the same line. This is not a fault and we advise you not to call Fault
  Repair Service.

# **Quick Reference Card**

QP
· <b>X</b>
- 1

i
position
ij
Detach

MAKING CALLS		
<ul> <li>Lift the handset or press the SP-PHONE button first.</li> <li>After finishing your conversation, hang up the handset or press the SP-PHONE button.</li> </ul>		
INTER OFFICE CALLING (Intercom)	Dial extension no. (200 through 299)	
OUTWARD DIALLING Individual Line Access	Dial phone number	
Automatic Line Access	Dial phone number	
Individual Trunk Group Access	Dial Trunk Group number (1 through 8)  Dial phone number	
SPEED DIALLING	Dial speed access code (00 through 99)	
ONE TOUCH DIALLING	(Press the PROGRAMMABLE FEATURE button.)	
CALLING DOORPHONE	For doorphone 1  3 1 1 2	
OPERATOR CALL	O Operator 1	
	Operator 2 In case one operator is programmed, you have only to dial 0.	

WHEN A LINE IS BUSY	
AUTOMATIC CALL BACK BUSY (Camp-on) For Outside Calls	Hear busy tone 6 Hang up handset or press "SP-PHONE"
For Intercom Calls	Dial extension no. (200 through 299) Hear busy tone 6 Hang up handset or press "SP-PHONE"



	PAGING
Lift the handset or press the	SP-PHONE button first.
PAGING ALL EXTENSIONS AND EXTERNAL To Access	3 3 * Hear 1 Page Wait for answer and talk  • You may dial 32 * instead of 33 * .
PAGING ALL EXTENSIONS To Access	3 0 Hear 1 Page Wait for answer and talk
PAGING GROUP To Access	3 Dial extension group Hear 1 beep Page Wait for answer and talk
PAGING-EXTERNAL To Access to External Paging Equipment	Bayes   Page   Page   Page   Paging number   Paging number
PAGING AND TRANSFER To Transfer Call to Paged Person	During a conversation;  TRANSFER 3 0 Hear 1 beep Page  Wait for answer and hang up  • You may dial 331 through 338, 320 through 322, 32 + or 33 + instead of 330.  • You need not lift the handset or press the SP-PHONE button first.
ANSWER To Paging from Built-in Speaker	4 3 Hear 1 Talk
To Paging from External Equipment	Paging number "1": for external paging equipment 1 Paging number "2": for external paging equipment 2

WHEN A LINE IS BUSY (CONT.)	
BUSY STATION SIGNALLING	Dial extension no. (200 through 299) Hear busy tone
LAST NUMBER REDIAL	Lift handset or press "SP-PHONE"
EXECUTIVE OVERRIDE - into Extension	Dial extension no. (200 through 299) Hear busy tone 3

RECEIVING CALLS	
ANSWER	Lift handset or AP PHONE You may press the CO or ICM button.
AUTOMATIC ANSWER- INTERCOM	To set  AUTO ANS  The AUTO ANSWER  Indicator will be lit.  To cancel  AUTO ANS  AUTO ANS  WUTE
DIAL CALL PICKUP	Lift handset or press "SP-PHONE"  4  O  You may dial the ringing extension number instead of 0.

WHILE HAVING A CONVERSATION		
HOLD-CO Call on Hold	To leave a call on hold	
	To retrieve at the holding extension  Co  Press the CO button whose indicator is flashing slowly (green).	To retrieve from another extension  Press the CO button whose indicator is flashing slowly (red).
Call on Exclusive Hold	To leave a call on hold	To retrieve  co  Press the CO button whose indicator is flashing twice at regular intervals (green).

# Panasonic KX-T123230E

# **Quick Reference Card**

WHILE HAVING A CONVERSATION (CONT.)	
HOLD-INTERCOM Call on Hold	To place call on hold
	To retrieve at the holding extension  To retrieve from another extension  Dial holding extension no. (200 through 299)
Call on Exclusive Hold	To place call on hold To retrieve
CONFERENCE	Dial 2nd Consult with 2nd party
CALL WAITING  To Terminate the Original  Call and Talk to the New  Caller	Hear call waiting tone  Co or Hoss Talk  Hear call co or Consult with new caller waiting tone  Consult with new caller while original call is on hold
To leave the Original Call on Hold and Talk to the New Caller	waiting tone
CALL TRANSFER- TO EXTENSION  To Transfer after the Other Extension Answers	Dial extension no. (200 through 299)  Announce and wait for answer  Hang up
To Transfer without Announcing to the Other Extension	Dial extension no. (200 through 299) Hang up
CALL TRANSFER- TO OUTSIDE LINE To Transfer after the Other Outside Party Answers	TRANSFER CO Dial phone number Announce and wait for answer Hang up
To Transfer without Announcing to the Other Outside Party	TRANSFER CO Dial phone number Hang up

## **Quick Reference Card**

Detach this position

STATION PROGRAMMING (CONT.)		0,0
CO LINE RINGING SELECTION	Dial CO numbers which you want to ring (01 through 12)	<b>7</b> ^\
INTERCOM VOICE ALERTING MODE	Setting (Voice Alerting)  To cancel (Tone Alerting)  Auto Auto MEMORY  To cancel (Tone Alerting)	
DATE AND TIME SETTING (Extension of jack number 01 only)	Enter year (last 2 digits)  Dial day of the week "0": for SUN "4": for THU "1": for MON "5": for FRI "2": for TUE "6": for SAT "3": for WED  Enter minute (00 through 59)  Dial "0" or "1" (01 through 12)  Dial "0" or "1" (01 through 12)	Detach this position
STATION NUMBER CHECK	The LCD will show your extension number and jack number	position
CALL WAITING TONE SELECTION	To select  Dial 1 (for Tone 1) Or 2 (for Tone 2)  To select  AUTO  MEMORY	
STATION PROGRAM CLEAR	The following programs can be reset to the default data: Auto CO Hunting, Automatic Answering Selection, Intercom Voice Alerting Mode, CO Line Ringing Selection, Call Waiting Tone Selection.	
CANCELLATION OF ELECTRONIC STATION LOCK (Extension of jack number 01 only)	8 AUTO MEMORY	

OTHER FEATURES (CONT.)		
SAVED NUMBER REDIAL	When the called line is busy or while you are speaking on the CO line;	
	Programming AUTO SAVE Dialling SAWE	
ABSENT MESSAGE	Setting	
CAPABILITY	Message 1. "Will Return Soon"	
Absent Message will be informed to the Proprietary Telephone with LCD of	7 5 1 #	
Calling Party, when Dialling.	Message 2. "Gone Home"	
	7   5   2   #	
	Message 3. "At Ext. extension no."	
	7 5 3 Dial extension no. (200 through 299) #	
	Message 4. "Back at <u>10:23 AM</u> "	
	7 5 4 Enter "Hour" (01 through 12) Enter "Minute" (00 through 59)	
	"0": for AM "1": for PM	
	Message 5. "Out Until 10/23"	
	7 5 5 Enter "Month" (01 through 31)	
	Message 6. "In a Meeting"	
	7 5 6 #	
	To cancel the message ("Message Cancel")	
	7 5 0 #	
MESSAGE WAITING		
To Leave the Message	Dial extension no. (200 through 299) WESSAGE Hear 1 beep	
To Call the Extension which		
Sent the Message from the Extension which the Message is Left	MESSAGE	
	At the extension At the extension which	
To Cancel the Message which is Left in the Extension	sent the message.  Dial extension no. (200 through 299)  MESSAGE (200 through 299)	



KX-T123230E

# **Quick Reference Card**

STATION PROGRAMMING	
<ul> <li>Be sure the handset is on the cradle and the SP-PHONE button is off.</li> <li>Set the MEMORY switch of the proprietary telephone to "PROGRAM" position first.</li> <li>After programming, return the MEMORY switch to "SET" position.</li> </ul>	
AUTO CO HUNTING Prime Line Preference	Setting To cancel  1 3 Dial CO number. (01 through 12) 1 1 1 LENDAY
Idle Line Preference	Setting To cancel  1 2 4 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1
AUTOMATIC ANSWERING SELECTION Prime Line Preference	Setting  To cancel  2 Dial CO number (01 through 12)  2 2 3 Section To cancel
No Line Preference	Setting To cancel  2 1 1 MENORY 2 2 MENORY
FLEXIBLE CO BUTTON To Change into Another CO Button	Dial CO number which you want to set newly (01 through 12)
To Assign to Trunk Group Access Button	Dial trunk group number. (1 through 8)
To Change Into DSS Button	Dial extension number. (200 through 299)
To Change Into One Touch Dialling Button	Dial phone number.  You may dial 81 through 88 instead of 9.
To Change into All the Other CO's Button	CO ** AUTO MEMORY

# Contents

Use of Other Features   28	Preparation 1	Detailed Operation
Call Forwarding-All Calls   28   Call Forwarding-Busy or No Answer   28   Call Forwarding-Busy or No Answer   28   Call Forwarding-To Outside Line   29   Outward Diailing   13   Diai Call Fickup Deny   29   Diai Call Fickup   20   Diai Call Fickup		
Call Forwarding-Busy or No Answer   28		Call Forwarding-All Calls
Making Calls         Call Forwarding-To Outside Line         28           Outward Diailing         13         Diai Call Fickup Deny         29           Inter Office Calling (Intercom)         14         Do Not Disturb         30           Speed Diailing         14         Do Not Disturb         30           Operator Call         14         Switching to Tone Alerting         30           Operator Diailing         15         Saved Number Redial         31           One Touch Diailing         15         Saved Number Redial         32           When a Line is Busy         External Feature Access         34           Automatic Call Back Busy         Exercutive Override Deny-Extension         35           Call Warm on Dia Form Collecters         Saved Number Redial         32           Last Number Redial         16         Call Waiting Tone From Collecters         35           Executive Override (Barge-In)         17         Station Status Check         37           Receiving Calls         17         Station Status Check         37           Answer         17         Automatic Answer-Intercom         17         Background Music         39           Daid Call Pickup         18         Directed Call Pickup         18         Directed Call Pickup		
Making Calls	Basic Operation	No Answer
Dial Call Pickup Deny   29		
Inter Office Calling (Intercom)		
Speed Dialling		
Operator Call		and the second s
Calling Doorphone         14         Absent Message Capability         31           One Touch Dialiling         15         Saved Number Redial         32           When a Line is Busy         Message Waiting         33           Automatic Call Back Busy         Executive Override Deny-Extension         35           Last Number Redial         16         Pulse/Tone Conversion         35           Busy Station Signalling         16         Electronic Station Lock         37           Executive Override (Barge-In)         17         Station Status Check         37           Receiving Calis         7         Automatic Answer-Intercom         17         Station Status Check         37           Answer         17         Automatic Answer-Intercom         18         Data Line Security         38           Data Line Security         38         Background Music         39           Station Feature Clear         39         Station Feature Clear         39           Dial Call Pickup         18         Background Music         39           Malich Porgramming         One Touch Access for System Features         40           While Having a Conversation         18         Station Programming         40           Call Splitting-Intercom         21		
One Touch Dialling         15         Saved Number Redial         32           When a Line is Busy         Automatic Call Back Busy         External Feature Access         34           (Camp-on)         16         Executive Override Deny-Extension         35           Last Number Redial         16         Pulse/Tone Conversion         35           Busy Station Signalling         16         Call Waiting Tone From CO:Extension Deny         36           Executive Override (Barge-In)         17         Station Status Check         37           Receiving Calls         7         Station Status Check         37           Answer         17         Background Music         39           Automatic Answer-Intercom         17         Background Music         39           Data Line Security         38         Background Music         39           Station Feature Clear         39         Flexible Night Service         38           Boorphone         18         Station Feature Clear         39           Bourbeted Call Pickup         18         Station Programming         0ne Touch Access for System Features         40           While Having a Conversation         19         Automatic Answering Selection         41         Flexible CO Button         42		
When a Line is Busy         Message Waiting         33           Automatic Call Back Busy (Camp-on)         16         Executive Override Deny-Extension         35           Last Number Redial         16         Executive Override Deny-Extension         35           Busy Station Signalling         16         Electronic Station Lock         37           Executive Override (Barge-In)         17         Electronic Station Lock         37           Receiving Calis         17         Automatic Answer-Intercom         17         Station Status Check         37           Answer         17         Background Music         39           Directed Call Pickup         18         Background Music         39           Directed Call Pickup         18         Background Music         39           Station Feature Clear         39           Flexible Night Service         39           Flexible Night Service         39           Flexible Night Service         39           Station Feature Clear         39           Flexible Night Service         39           Station Programming         One Touch Access for System Features         40           Auto CO Hunting         Auto CO Hunting         40           Call Splitting-Intercom <t< td=""><td></td><td></td></t<>		
Automatic Call Back Busy (Camp-on)	•	
Executive Override Deny-Extension   35		
Camp-on   16		Executive Override Deny-Extension 35
Last Number Hedlal         16           Busy Station Signalling         16           Executive Override (Barge-In)         17           Receiving Calis         Timed Reminder           Answer         17           Automatic Answer-Intercom         17           Dial Call Pickup         18           Directed Call Pickup         18           Doorphone         18           Call Park         18           While Having a Conversation         19           Hold-CO         19           Hold-Intercom         20           Call Splitting-Between CO         19           and Intercom         21           Call Splitting-Intercom         21           Call Waiting         22           Call Transfer-To Extension         23           Call Transfer-To Outside Line         23           Simplified Transfer Retrieval         24           Privacy Release         25           Mute Operation         25           Switching between Using         Example of Operation           Handset and Hands-Free         25           Switching between Using         Example of Operation           Handset and Hands-Free         25           P	(Camp-on) 16	
Executive Override (Barge-In)   17   17   17   17   18   18   18   18		Call Waiting Tone From CO/Evtension Deny 36
Station Status Check		Flectronic Station Lock 37
Timed Reminder   38	Executive Override (Barge-In) 17	
Answer		
Automatic Answer-Intercom         17         Background Music         39           Dial Call Pickup         18         Station Feature Clear         39           Directed Call Pickup         18         Flexible Night Service         38           Doorphone         18         Station Programming         39           Call Park         18         Station Programming         0ne Touch Access for System Features         40           While Having a Conversation         40         Auto CO Hunting         40           Hold-CO         19         Automatic Answering Selection         41           Hold-Intercom         20         Co Line Ringing Selection         42           Call Splitting-Between CO         21         Call Waiting Tone Selection         45           Call Splitting-Intercom         21         Station Number Check         45           Call Waiting         22         Station Program Clear         45           Call Waiting         22         Station Program Clear         45           Call Transfer-To Extension         23         Date and Time Setting         46           Simplified Transfer Retrieval         24         System Speed Dialling Entry         47           Mute Operation         25         Example of Operation		Data Line Security 38
Automatic Answer-Intercom   17		Background Music 39
Dial Call Pickup	• • • • • • • • • • • • • • • • • • • •	Station Feature Clear 39
Directed Call Pickup   18		Flevible Night Service 39
Station ProgrammingWhile Having a ConversationAuto CO Hunting40Hold-CO19Automatic Answering Selection41Hold-Intercom20Flexible CO Button42Conference20CO Line Ringing Selection44Call Splitting-Between COCall Waiting Tone Selection45and Intercom21Station Number Check45Call Waiting22Station Program Clear45Call Transfer-To Extension23Cancellation of Electronic Station Lock45Call Transfer-To Outside Line23Date and Time Setting46Privacy Release25System Speed Dialling Entry47Mute Operation25Example of Operation48Switching between Using Handset and Hands-Free25Example of Operation48PagingExample of System Features53Paging All Extensions and External26Paging Group26Paging Group26Paging-External27		3
While Having a ConversationAuto CO Hunting40Hold-CO19Automatic Answering Selection41Hold-Intercom20Flexible CO Button42Conference20CO Line Ringing Selection44Call Splitting-Between CO21Call Waiting Tone Selection45Call Splitting-Intercom21Station Number Check45Call Waiting22Station Program Clear45Call Transfer-To Extension23Cancellation of Electronic Station Lock45Call Transfer-To Outside Line23Date and Time Setting46Simplified Transfer Retrieval24Outgoing Message46Privacy Release25System Speed Dialling Entry47Mute Operation25Example of Operation48Busy Lamp Field50Liquid Crystal Display51Table of System Features53Paging All Extensions26General Information56Paging Group26Paging-External27		
While Having a ConversationAuto CO Hunting40Hold-CO19Automatic Answering Selection41Hold-Intercom20Flexible CO Button42Conference20CO Line Ringing Selection44Call Splitting-Between CO21Call Waiting Tone Selection45Call Splitting-Intercom21Station Number Check45Call Waiting22Station Program Clear45Call Transfer-To Extension23Cancellation of Electronic Station Lock45Call Transfer-To Outside Line23Date and Time Setting46Simplified Transfer Retrieval24Outgoing Message46Privacy Release25System Speed Dialling Entry47Mute Operation25Example of Operation48Busy Lamp Field50Liquid Crystal Display51Table of System Features53Paging All Extensions26General Information56Paging Group26Paging-External27	Call Park 18	One Touch Access for System Features 40
Hold-CO	While Having a Conversation	
Hold-Intercom 20 Flexible CO Button 42 Conference 20 Co Line Ringing Selection 44 Intercom Voice Alerting Mode 44 Intercom Voice Alerting Mode 44 Call Splitting-Intercom 21 Station Number Check 45 Call Waiting 22 Station Program Clear 45 Call Transfer-To Extension 23 Call Transfer-To Outside Line 23 Simplified Transfer Retrieval 24 Privacy Release 25 Switching between Using Handset and Hands-Free 25 Paging All Extensions and External 26 Paging Group 26 Paging—External 27 Flexible CO Button 42 Co Line Ringing Selection 44 Intercom Voice Alerting Mode 44 Intercom Voice Alerting Mode 44 Call Waiting Tone Selection 45 Station Number Check 45 Cancellation of Electronic Station Lock 45 Date and Time Setting 46 Outgoing Message 46 System Speed Dialling Entry 47 System Speed Dialling Entry 47 Field 50 Liquid Crystal Display 51 Table of System Features 53 Faging Group 26 Paging—External 27 Field 56 Field 57		Automatic Answering Selection 41
Conference 20 CO Line Ringing Selection 44 Intercom Voice Alerting Mode 45 Intercom Voice Aler		Flexible CO Button
Call Splitting-Between CO and Intercom 21 Cali Splitting-Intercom 21 Cali Splitting-Intercom 21 Cali Waiting Tone Selection 45 Call Waiting 22 Call Transfer-To Extension 23 Call Transfer-To Extension 23 Call Transfer-To Outside Line 23 Simplified Transfer Retrieval 24 Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27		
and Intercom 21 Call Waiting Tone Selection 45 Cali Splitting-Intercom 21 Station Number Check 45 Call Waiting 22 Station Program Clear 45 Call Transfer-To Extension 23 Cancellation of Electronic Station Lock 45 Call Transfer-To Outside Line 23 Date and Time Setting 46 Simplified Transfer Retrieval 24 Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27		
Call Splitting-Intercom21Station Number Check45Call Waiting22Station Program Clear45Call Transfer-To Extension23Cancellation of Electronic Station Lock45Call Transfer-To Outside Line23Date and Time Setting46Simplified Transfer Retrieval24Outgoing Message46Privacy Release25System Speed Dialling Entry47Mute Operation25Example of Operation48Switching between UsingExample of Operation48Handset and Hands-Free25Example of Operation48Busy Lamp Field50Liquid Crystal Display51Table of System Features53General Information56Paging Group26Paging-External27		And the second of the second o
Call Waiting 22 Station Program Clear 45 Call Transfer-To Extension 23 Call Transfer-To Outside Line 23 Simplified Transfer Retrieval 24 Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27  Station Program Clear 45 Cancellation of Electronic Station Lock 45 Date and Time Setting 46 Outgoing Message 46 System Speed Dialling Entry 47  Example of Operation 48 Busy Lamp Field 50 Liquid Crystal Display 51 Table of System Features 53  General Information 56		Charles M. sach as Observed
Call Transfer-To Extension 23 Call Transfer-To Outside Line 23 Simplified Transfer Retrieval 24 Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27  Cancellation of Electronic Station Lock 45 Date and Time Setting 46 Outgoing Message 46 System Speed Dialling Entry 47  Example of Operation 48 Busy Lamp Field 50 Liquid Crystal Display 51 Table of System Features 53  General Information 56	Call Waiting	Station Program Clear 45
Call Transfer-To Outside Line 23 Simplified Transfer Retrieval 24 Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27  Date and Time Setting 46 Outgoing Message 46 System Speed Dialling Entry 47  Example of Operation 48 Busy Lamp Field 50 Liquid Crystal Display 51 Table of System Features 53  General Information 56		
Simplified Transfer Retrieval		Date and Time Setting 46
Privacy Release 25 Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging—External 27 System Speed Dialling Entry 47 Example of Operation 48 Busy Lamp Field 50 Liquid Crystal Display 51 Table of System Features 53  General Information 56		
Mute Operation 25 Switching between Using Handset and Hands-Free 25 Paging Paging All Extensions and External 26 Paging Group 26 Paging-External 27  Example of Operation 48 Busy Lamp Field 50 Liquid Crystal Display 51 Table of System Features 53  General Information 56		· · · · · · · · · · · · · · · · · · ·
Switching between Using Handset and Hands-Free		
Handset and Hands-Free		Example of Operation
PagingLiquid Crystal Display51Paging All Extensions and External26Paging All Extensions26Paging Group26Paging-External27		Busy Lamp Field 50
Paging All Extensions and External 26 Paging All Extensions		Liquid Crystal Display 51
Paging All Extensions		Table of System Features 53
Paging Group		6
Paging-External 27		
Paging and Transfer 27	Paging-External2	7
	Paging and Transfer 2	7

# **Making Calls**

When the unit is not in use, the Liquid Crystal Display will show the month, day and the present time. The unit will also show the corresponding mode activated. See pages 51 and 52.

## **Outward Dialling**

## Individual Line Access

Any of the 12 CO's may be directly selected.

#### Using the Handset









Lift handset Press CO

Wait for C. O. dial tone

Dial phone number

When you finish, hang up the handset.

## Hands-free Operation









Press CO

Wait for C.O. dial tone number

Press when

SP-PHONE conversation is completed

- Start dialling the phone number within 20 seconds after seizing the CO line.
- You may dial 9 instead of CO button. In this case, you must lift the handset or press the SP-PHONE button first.
  - Each extension can automatically select an idle line from the CO lines enabled to call.
- You cannot use the CO button whose indicator is lit (red) since someone is using the CO line.
- The CO indicator will be lit (green) at your extension and lit (red) at other extensions.
- To access new CO line without hanging up while having a conversation, press another CO. The original conversation will be terminated and new CO line can be accessed.
- When you want to make an outside call while an outside call is reaching, press the CO button.
- If dial tone (continuous tone) changes to reorder tone (intermittent tone) or a mistake is made, hang up and start again.

## ■ Individual Trunk Group Access

Each extension can automatically select an idle CO line within the designated trunk group. Through programming, 12 CO lines can be divided up to 8 groups.







Lift handset SP-PHONE

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Dial -8"

Dial trunk group number (1 through 8)



C.O. diai tone



D: al phone number



Hang up when is completed

- Start dialling the phone number within 20 seconds after seizing the CO line.
- You may press CO button instead of dialling 8 and the trunk group number (1 through 8). In this case, you must assign the trunk group access number to the CO button. To assign, see "Flexible CO button" on page 43.
- The CO lines are assigned to the trunk groups as shown below. Through programming, you may change the trunk group assignment of CO lines. See "Trunk Group Assignment" in INSTALLATION MANUAL.

#### Default:

CO 1 is assigned to Trunk group 1.

CO 2 is assigned to Trunk group 2.

CO 3 is assigned to Trunk group 3.

CO 4 is assigned to Trunk group 4.

CO 5 is assigned to Trunk group 5.

CO 6 is assigned to Trunk group 6.

CO 7 is assigned to Trunk group 7.

CO 8 through CO 12 are assigned to Trunk

group 8. The CO line which is not assigned to the CO button cannot be dialled.

- 13 -

# **Preparation**

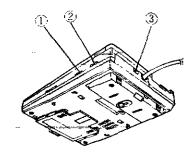
① RINGER VOLUME Selector:

Set to "HIGH".

LOW: The ringing sound will be

OFF: The telephone will not ring.





② CONTRAST Selector: Set to "L", "M", or "H" to choose the best display intensity.



3 MEMORY Switch: Set to "SET".





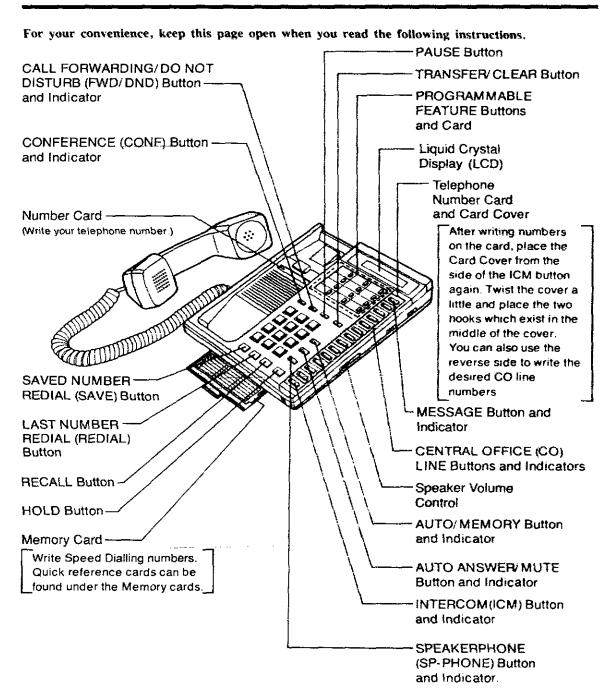
HANDSET/HEADSET Selector:
 Set to "HANDSET".



- Even if KX-T123230E is connected to a telephone line, it will not operate during a power failure.
- We recommend you to use a telephone which can work even during a power failure as an extension of jack number 02, 09, 10, 17 or 18.

## **Location of Controls**

\_\_\_\_\_\_



## Inter Office Calling (Intercom)

Station to station dialling within the KX-T123210BE system.

### Using the Handset



handset





Dial extension number (200 through 299)





Talk Hang up

## Hands-free









Press SP-PHONE

extension (200 through 299)

Press SP-PHONE to hang up

## When changing CO button into DSS (Direct Station Selection) button;





For changing, see "Flexible CO Button" on page 42.

handset

Press CO which has been changed into DSS

The extension numbers are set as shown below. Through programming, you may change the extension numbers to other numbers. See "Extension Number Assignment" in INSTALLATION MANUAL.

Default;

201: is assigned to extension of Jack number 01

202: is assigned to extension of Jack

number 02

232: is assigned to extension of jack number 32

- You may press the ICM button instead of the first SP-PHONE button.
- The ICM indicator will be lit (green) while using the unit.

## Speed Dialling

There are 100 memory locations for system speed dialling available. A maximum of each memory location is 32 digits.

For programming, refer to "System Speed Dialling Entry" on page 47.







Lift handset or press SP-PHONE

Press AUTO

Dial speed access code (00 through 99)

You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.

## Operator Call

You can call the operator within the KX-T123210BE system.

This feature is required to be set beforehand in the KX-T123210BE.

For programming, see "Operator Assignment" INSTALLATION MANUAL.









or press SP-PHONE

"0": for Operator 1 "1": for Operator 2

In case one operator is programmed, you have only to dial 0.

## Calling Doorphone

Up to two doorphones (KX-T30865E) can be connected to the KX-T123210BE.

#### Doorphone 1



Lift handset or press SP-PHONE Dial "311"

## ■ Doorphone 2

At step 2 above, dial 312 instead of 311.

# Making Calls (cont.)

## One Touch Dialling

There are 12 memory locations for automatic dialling available.

Up to 16 digits can be stored into each memory location.

For your convenience, program private phone numbers into the proprietary telephone.

## Programming

- Be sure the handset is on the cradle and the SP-PHONE button is off.
- Set the MEMORY switch of the proprietary telephone to "PROGRAM".

Storage







number



MEMORY

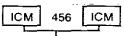
Press

Press PROGRA-MMABLE **FEATURE** 

- You may dial 81 through 88 instead of 9.
  - 9 ... An extension automatically selects an idle line from the CO lines enabled to call.
  - 81 through 88 ... An extension selects a trunk group designated.
- You may program "+", "+", "-", "RECALL" and "PÁUSE".
  - The SAVE button is used as the "-" button.
- When you don't want to display the dialled phone number on the LCD in One Touch Dialling, press the ICM (SECRET) button before and after dialling the phone number that you want to keep secret. Do not press the ICM button before line access number (9 or 81 through 88).

Example:

9-123



press the ICM button

The display shows as follows when programming.

M01/P: 9-123[456]

The display shows as follows when dialling.

-123...

After programming all the numbers, return the MEMORY switch to the "SET" position. In this case, the MEMORY indicator light will go out.

## To Correct an Error while Programming

TRANSFER

After pressing the CLEAR button, re-program the correct number.

Press CLEAR (TRANSFER) instead of

The TRANSFER button is used as the CLEAR button.

MEMORY

#### To Change a Stored Number

Repeat "Storage".

#### To Erase after Programming







Press PROGRA-MMABLE FEATURE

CLEAR (TRANSFER)

MEMORY

 The TRANSFER bulton is used as the CLEAR button.

## Dialling





Lift handset or press SP-PHONE

PROGRAMMABLE **FEATURE** 

 You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.

# Automatic Call Back Busy (Camp-on)

If the intercom extension or the outside line (CO line) you have dialled is busy, the call will be automatically called back to you when the extension or the outside line (CO line) becomes free using this function.

This feature is also known as camp-on.

## For outside (CO line) calls



Press CO



You will hear busy tone



Dial "6



Confirmation tone of 2 beeps will be heard



Hang up or press SP-PHONE

## For intercom calls



Dial extension number (200 through 299)



You will hear busy tone



Dial "6"



Confirmation



Hang up or press SP-PHONE

When hearing the ring back on intercom call or an outside call, lift the handset or press the SP-PHONE button.

If you make or receive a call during camp-on mode, the camp-on mode will be cancelled.

## **Last Number Redial**

The last phone number dialled on an outside line (CO line) can be redialled.



Lift handset or press SP-PHONE



Press REDIAL

- Pressing the REDIAL button enables you to redial once.
- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.
- You may dial 8 and trunk group number (1 through 8) to select the trunk group directly after lifting the handset or pressing the SP-PHONE button.

## **Busy Station Signalling**

If the extension you have dialled is busy, you can inform the extension that another intercom call is reaching by three beeps.



Dial extension number



You will hear busy tone



Dial "2" and wait for an answer

- To answer your signal, see "Call Waiting" on page 22.
- While the other party is setting "Call Waiting Tone-From Extension Deny" on page 36 or is using a data terminal equipment, you may not be able to use this feature. (Reorder tone is heard after dialling 2.)

# When a Line is Busy (cont.)

## Executive Override (Barge-In)

- into Extension

Allows an extension user to intrude into another extension that is in conversation with an inside party.

This feature is required to be set beforehand in the KX-T123210BE.

For programming, see "Executive Override" in INSTALLATION MANUAL.







Dial extension number (200 through 299)



You will hear busy tone



Dial "3"
A 3-party
conference
is now
established.

 If the other party is using data equipment or is setting "Executive Override Deny-Extension" on page 35, you cannot intrude into the other party that is in conversation. (Reorder tone is heard after dialling 3.)

# **Receiving Calls**

## **Answer**



or



Lift handset

Press SP-PHONE

- If "No Line Preference-Incoming" is selected from "Automatic Answering Selection" feature for the extension and an outside call reaches. lift the handset and then press the CO button whose indicator is flashing (red) quickly.
  - When an intercom call reaches, you may press the ICM button whose indicator is flashing quickly and talk.
  - When an outside call reaches, you may press the CO button whose indicator is flashing (red) quickly and talk.
- If multiple incoming CO calls are received at the same time, you can answer the only first arrived call.
- You can distinguish a CO call, an intercom call or a doorphone call by a kind of ring tones.
   For further details see "List of Ring Tones" in INSTALLATION MANUAL.

# Automatic Answer-Intercom

Allows an extension user to answer an intercomcall in the automatic hands-free mode without any operation

This feature is required to be set beforehand while the unit is not in use

#### Setting



The AUTO ANSWER indicator will be lit.

#### Press AUTO ANS

#### ■ To Cancel



The AUTO ANSWER indicator light will go out.

Press AUTO ANS

## Dial Call Pickup

Through the use of this feature, an extension user can answer a call that is ringing at another extension within his own extension group.







## **Directed Call Pickup**

An extension may answer an incoming call that is ringing at another extension regardless of the extension group.







Dial '4"



Dial ringing extension number (200 through 299)

## Doorphone

This feature is required to be set beforehand in the KX-T123210BE. For programming, see "Ringing Assignment of Doorphone" in INSTALLATION MANUAL..

## For Answering Doorphones



Lift handset or press SP-PHONE

 If a call from doorphone is not answered within 15 seconds, the call will be cancelled.

## Call Park

Extension user can place up to ten calls in the call park zones.

Allows extension user to retrieve a parked call (intercom or outside) at any extension.

#### ■ To Park a Call







Press HOLD

Dial "50"

Dial parking station number (0 through 9)



Confirmation tone

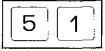


Replace handset or press SP-PHONE

- A call may be placed in any of ten call park zones
- If busy tone is heard after the station number is dialled, dial another parking station number (0 through 9).

### ■ To Retrieve a Parked Call at Any Extension







Lift handset or press SP-PHONE

Dial "51"

Dial parking station number (0 through 9)

# While Having a Conversation

## Hold-CO

## Call on Hold

If you wish to leave your phone unattended but want the caller you are in conversation with to wait, call on hold may be used. Outside calls may be placed on hold.





Press HOLD

Confirmation tone of 2 beeps will be heard

- The indicator of the CO button which is on hold will flash slowly (green).
- The indicator of the CO button which is on hold will flash slowly (red) at other extensions.

## Call on Exclusive Hold

Calls on exclusive hold cannot be released by any extensions except the phone which left the call on hold.





Press. HOLD

Press again

- The indicator of the CO button which is on hold will flash twice at regular intervals (green).
- The indicator of the CO button which is on hold will light (red) at other extensions.

#### ■ To Retrieve

#### ■ To Retrieve a Call on Hold



 Press the CO button whose indicator is flashing slowly (green).



 Press the CO button whose indicator is flashing twice at regular intervals (green).

Press CO

Press CO

### ■ To Retrieve a Call on Hold from Another Extension







Press CO

 Press the CO button whose indicator is flashing slowly (red).

or



Lift handset or press SP-PHONE



Dial "5"



Dial holding extension number (200 through 299)

 In case held call is outside call, you may dial "53" and then held CO line number (01 through 12).

## **Hold-Intercom**

### Call on Hold

Extension user can leave an intercom call on

An intercom hold can be activated on one extension only.





 The ICM indicator will flash slowly.

Press HOLD

Confirmation tone

#### ■ To Retrieve a Call on Hold



 The ICM indicator will be on.

Press ICM

## ■ To Retrieve a Call on Hold from Another Extension









Lift handset or press SP-PHONE

Dial "5"

Dial holding extension number

## Call on Exclusive Hold

Calls on exclusive hold cannot be released by any extensions except the phone which left the call on hold. An intercom hold can be activated on one extension only.





 The ICM indicator will flash twice at regular intervals.

Press HOLD Press again

#### To Retrieve a Call on Hold



The ICM indicator will be on.

Press ICM

#### Conference

#### Allows a three-party conference (3-inside).





party





Press CONF

The 1st party is placed on hold.

Consult with 2nd party \_

Press CONF

A 3-party conference is now established.

 You may press the HOLD button instead of the first press of the CONF button.

# While Having a Conversation (cont.)

## Call Splitting-Between CO and Intercom

Allows an extension user to alternate between a CO party and an Intercom party.



- ------

Press HOLD to leave 1st party on hold



Dial 2nd party



Consult with 2nd party while 1st party is on hold



Press HOLD to leave 2nd party on holo

## **Call Splitting-Intercom**

Allows an extension user to alternate between two intercom parties



party on hold





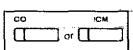
Dial 2nd party



Consult with 2nd party while 1st party is on hold



**HOLD** to leave 2nd party on hold



Press CO or ICM whose indicator is flashing slowly



Consult with 1st party



Press HOLD to ave 1st party on hold



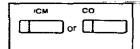
Consult with 1st party



Press HOLD to leave 1st party on hold



2nd party



Press ICM or CO whose indicator is flashing slowly



Consult with 2nd party

ICM button instead of the HOLD button. Conversation will be terminated and call on hold will be returned to conversation.

To release the call splitting mode, press the

To release the call splitting mode, press the CO or ICM button without pressing the HOLD button.

Conversation will be terminated and call on hold will be returned to conversation.

# While Having a Conversation (cont.)

## **Call Waiting**

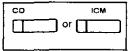
Call Waiting Tone during a conversation indicates that there is a new incoming CO call or Intercom call. Call Waiting Tone is heard from the built-in speaker of the KX-T123230E.

This feature has been set beforehand in the extension. There are Tone 1 and Tone 2 for Call Waiting Tone.

For changing Tone 1 to Tone 2, see "Call Waiting Tone Selection" on page 45.

- If call waiting tone is heard and the CO or ICM indicator does not flash, this tone indicates a call waiting tone by special company service.
   In this case, see "External Feature Access" on page 34.
- To Terminate the Original Call and Talk to the New Caller







Will hear call waiting tone

Press CO or ICM whose indicator is flashing quickly.

The original call is now terminated.

Talk

- To Leave the Original Call on Hold and Talk to the New Caller
- If both original call and new call are intercom calls: (The ICM indicator will change from being lit to flashing quickly when a new call reaches.)



Will hear call waiting tone



Press HOLD
Dial tone is
not heard.



Consult with new caller while original call is on hold

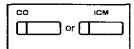


Press ICM to terminate 2nd call and to return to original call

If original call is CO call, and new call is CO call or intercom call: or if original call is intercom call and new call is CO call:







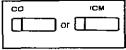
Will hear call waiting tone

Press HOLD Dial tone is heard.

Press CO or ICM whose indicator is flashing quickly



Consult with new caller while original call is on hold



Press CO or ICM whose indicator is flashing slowly to terminate 2nd call and to return to original

## Cali Transfer-To Extension

Outside calls or intercom calls may be transferred to any extension manually.

#### ■ To Transfer after the Other Extension Answers







extension number (200 through 299)



Announce and wait for an answer



Hang up, press SP-PHONE. DSS, CO or RECALL

 When busy, you may access the other extension by dialling 2. Also you may return to the calling party by pressing the CO or ICM button whose indicator is flashing slowly (green).

### To Transfer without Announcing to the Other Extension







Dial extension number



Hang up, press SP-PHONE, DSS, CO or RECALL

#### ■ To Retrieve the Call

If the other extension does not receive the transferred call within 30 seconds after the call is transferred, the call will return to you. In this case:

While the ring back is heard, lift the handset or press the SP-PHONE button to return to the calling party.

- To change the party to whom a call is transferred before hanging up: Press the CO or ICM button whose indicator is flashing slowly to retrieve the call, then repeat the procedure of Call Transfer.
- The time that the transferred call which is not received returns to you may be set to two minutes. For changing, see "Transfer Recall Time" in INSTALLATION MANUAL.

## Call Transfer-To Outside Line

intercom calls may be transferred to any outside line manually. This feature is required to be set beforehand in the KX-T123210BE. For programming, see "Call Transfer To Outside Line" in INSTALLATION MANUAL

## To Transfer after the Other Outside **Party Answers**









Press TRANSFER

Press CO

Dial phone number

and wait for an



Haog up press SP-PHONE DSS or CO

- If you misdial the phone number. press the RECALL button and then redial the phone number
- You may return to the calling party by pressing the ICM button whose indicator is flashing slowly (green) before hanging up

#### ■ To Transfer without Announcing to the Other Outside Party







Press CO TRANSFER



Dial phone number



SP-PHONE or DSS or CO

## ■ To Join the Transferred Call



 If you want to leave the conference, press the CONF button.

## While Having a Conversation (cont.)

## Simplified Transfer Retrieval

Allows the visually handicapped operator to retrieve the held call during a transfer by simply pressing the TRANSFER button.

### To Retrieve the Held Call during Call Transfer-To Extension



While having a conversation



Press TRANSFER



Dial extension number (200 through 299)



You will hear ringback tone, busy tone, or do not disturb tone





Press TRANSFER to retrieve the held call

 If you press the TRANSFER button to retrieve the held call and then if you replace the handset, you will hear ring tone. You can retrieve the call by lifting the handset.

#### To Retrieve the Held Call during Call Transfer-To Outside Line



While having a conversation



Press TRANSFER



Dial "9"



Dial phone number



You will hear ringback tone or busy tone



Press TRANSFER to retrieve

the held call



Talk to the calling party



Talk to the calling party

- You may dial 81 through 88 instead of 9.
- If you press the TRANSFER button to retrieve the held call and then if you replace the handset, you will hear ring tone. You can retrieve the call by lifting the handset.
- Outside calls cannot be transferred to outside lines.
- Whether Call Transfer-To Extension or To Outside Line, if the destination party to whom the call is being transferred answers the call and then if you press the TRANSFER button, you return to the calling party and the destination party is disconnected.
- To retrieve the held call using the TRANSFER button is available only after the operation of Call Transfer.

# While Having a Conversation (cont.)

## **Privacy Release**

Allows an extension user that is in conversation with an outside party to make a 3 party conference by having another extension join into the conversation.

While you are speaking on a CO line:

 Before pressing the CO button, inform another extension user to join into the conversation by word of mouth.



 The indicator of the CO button will flash quickly (green).

Press CO button already in use

At another extension that wants to join into the conversation:



Press CO

which is

quickly



A 3-party conference is now established (1-outside/2inside)

Confirmation tone of 1 beep will be heard

flashing in green within 5 seconds

After an extension user presses the CO button, another extension's CO indicator flashes for only 5 seconds. Another press of the CO button can add 5 seconds' flashing time.

## **Mute Operation**

Use when you do not want your voice to be heard by the other party. This feature can be activated in speakerphone

#### ■ To Enable

mode only.

Be sure the SP-PHONE indicator is on.



The MUTE indicator will flash.

Press MUTE

## ■ To Cancel



The MUTE indicator light will

Press again

## Switching between Using Handset and Hands-Free

You may choose the handset or hands-free

#### To Use the Handset

While having a conversation using speakerphone.



Lift handset

#### ■ To Use the Hands-free

While having a conversation using the handset.





Press SP-PHONE

handeat

- When the other party finds it difficult to hear your voice in the hands-free: Lower the sound level using the SPEAKER VOLUME CONTROL or speak louder
- Absorbing echoes: Use in a room which has curtains or carpeting.
- To avoid lost conversations: If some part of the conversation is lost while talking, speak alternately

## Paging All Extensions and External

Allows paging to all extensions and external paging equipment.

The page can be heard from proprietary telephones and external paging equipment.

#### ■ To Access





Lift handset or press SP-PHONE

Dial "33 \* "







Confirmation tone of 1 beep will be heard

Page

answer and talk

 Paging will be heard from the built-in. speakers of proprietary telephones and external paging equipment (1 and/or 2).



and



- It cannot be heard from single line telephones.
- You may dial 32\* instead of 33\*.

## **Paging All Extensions**

Allows paging to all extensions. The page can only be heard from proprietary telephones.

#### ■ To Access





Dial "330"

Lift handset or press SP-PHONE

U





Confirmation tone of 1 beep will be heard

Page

Wait for an answer and talk

Paging will be heard from the built-in speakers of proprietary telephones.



It cannot be heard from single line telephones.

## **Paging Group**

Allows paging to one of eight extension groups. The page can only be heard from proprietary telephones.

#### To Access









Lift handset or press SP-PHONE

Dial "33"

Dial extension group number (1 through 8)







Page will be heard from the built-in speakers.

Wait for an Page answer and

## **Paging-External**

Allows access to external paging equipment.

## To Access

: 10 To 10 T



Confirmation

tone



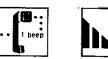


Dial "32" Lift handset or press SP-PHONE



Dial external paging number

"0": for external paging equipments 1 and 2 for equipment 1 "2": for equipment 2







Wait for an answer and talk

Paging will be heard from external paging equipment (1 and/or 2).



# Paging and Transfer

## To Transfer a Call to the Paged Person









While having a conversation

Press TRANSFER

Dial "330"













Confirmation tone

Page

Wait for an answer

Hang up or press SP-PHONE

You may dial 331 through 338, 320 through 322, 33 \* or 32 \* instead of 330.

#### Answer

A page from the built-in speaker or external paging equipment can be answered from any extension. 

#### To Paging from Built-in Speaker







Dial "43"

Lift handset or press

SP PHONE

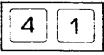




Confirmation tone

## To Paging from External Equipment





Lift handset or press SP-PHONE

Dia! "41"







Dial external paging number

Confirmation tone

: for external paging equipment 1 "2": for external paging equipment 2

 If a call and CO number has been paged and transferred, you may answer by pressing the CO button whose number has been paged and indicator is flashing slowly (red), instead of dialling 43, 411 or 412.

## **Use of Other Features**

## Call Forwarding-All Calls

All intercom calls to your extension can be automatically forwarded to any extension within the system.

For outside calls to your extension, if your extension is programmed to the Direct In Line (DIL) or call is the CO line which is programmed to the DISA, the outside calls can be automatically forwarded to any extension within the system. For programming to the DIL or DISA mode, see "CO Mode Assignment" in INSTALLATION MANUAL.

#### ■ Setting



Lift handset or press SP-PHONE



Press FWD/DND



Dial "1



Dial extension number to whom call is forwarded



Dial "#"



Hang up or press SP-PHONE

The FWD indicator will flash slowly.

#### ■ To Cancel



Lift handset or press SP-PHONE



Press FWD/DND



Dial "0"



Dial "#"



Hang up or press SP-PHONE

The FWD indicator light will go out.

## Call Forwarding-Busy or No Answer

If your extension is busy or does not answer the call within 3 rings, intercom calls to your extension can be automatically forwarded to any extension within the system.

The 3 rings may be changed to 1 ring, 2 rings or 4 rings by programming (see "Call Forwarding Starting Time" in INSTALLATION MANUAL). This feature will not function in "Automatic Answer-Intercom" mode on page 17 and "Intercom Voice Alerting Mode" on page 44.

#### Setting



Lift handset or press SP-PHONE



Press FWD/DND



Dial "2



Dial extension number to whom call is forwarded



Dial "#"



Hang up or press SP-PHONE

The FWD indicator will flash slowly.

#### ■ To Cancel



Lift handset or press SP-PHONE



Press FWD/DND



Dial "0"



- After cancelling, hang up or press SP-PHONE.
- The FWD indicator light will go out.

## Call Forwarding-To Outside Line

Intercom calls to your extension can be automatically forwarded to any outside line. This feature is required to be set beforehand in the KX-T123210BE. For programming, see "Call Forwarding To Outside Line" in INSTALLATION MANUAL.

## Setting



Lift handset



Dial phone number to whom call is forwarded



Press FWD/ DND



Dial "3"





Dial "9"



Hang up or press SP-PHONE

The **FWD** indicator will flash

slowly.

You may dial 81 through 88 instead of 9. 9: ..... An extension automatically

selects an idle line from the CO lines enabled to call.

An extension selects a trunk 81 through 88: group designated.

#### ■ To Cancel



Lift handset or press SP-PHONE









Dial

Diai

# Dial Call Pickup Deny

Allows you to prohibit any other extension user from answering calls directed to you.

## Setting





Lift handset or press SP-PHONE





Dial "="

Hang up or press SP-PHONE

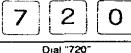
## To Cancel



Lift handset or press SP-PHONE



Dial "#"





Hang up or press SP-PHONE

- After cancelling, hang up or press SP-PHONE.
- The FWD indicator light will go out.

## Do Not Disturb

Each extension can be individually prohibited from receiving intercom and outside calls.

## Setting



Lift handset or press SP-PHONE



Press FWD/DND



Dial "4"





Dial "#

Hang up or press SP-PHONE

The DND indicator will be lit.

#### To Cancel



Lift handset or press SP-PHONE



Press FWD/DND



Dial "0"



Dial "#



Hang up or press SP-PHONE

#### Do Not Disturb Override

Allows you to dial to the extension on which the Do Not Disturb is set.

This feature is required to be set beforehand in the KX-T123210BE.

For programming, see "Do Not Disturb Override" in INSTALLATION MANUAL,



Lift handset or press SP-PHONE



Dial extension number (200 through 299)



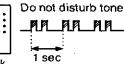
Do not disturb tone is heard



Dial "2"



Ring back tone is heard and wait for



answer Switching to Tone Alerting

"Voice alerting" (through built-in speaker). which is established at the called party's extension, can be switched to "Tone alerting" (ringing).

This feature is required to be set beforehand at the called party's extension.

For programming, see "Intercom Voice Alerting Mode" on page 44.



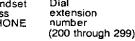
Lift handset or press SP-PHONE



Dial extension number



Wait until confirmation tone is heard





Dial "\*



Ring back tone

## **Absent Message Capability**

Absent messages (messages 1 through 6) which ■ Message 4. "Back at 10:23 AM"

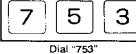
T T AM/PM are programmed can be informed to calling party. Programming can be done at any telephone -minute (either proprietary telephones or single line Lhour telephones). When a caller using the proprietary telephone with LCD dials the extension in which the message is programmed, it will be displayed on the LCD. Setting Lift handset Dia! "754" ■ Message 1. "Will Return Soon" or press SP-PHONE Lift handset Dial "751" Enter minute Dial 0 or 1 Enter hour or press SP-PHONE (00 through (01 through "0": for AM "1" for PM Dial " #" Hang up or press SP-PHONE ■ Message 2. "Gone Home" Hang up or press SP-PHONE ■ Message 5. "Out Until 10/23" Lift handset or press SP-PHONE Dial "752" .day month Hang up or press SP-PHONE Dial "755" Message 3, "At Ext. 223" Lift handset or press extension number SP PHONE



Lift handset or press SP-PHONE



Dial extension number





Dial "#" Hang up or press SP-PHONE



Enter month (01 through 12)



Enter day (01 through



Dia! ≠



Hang up or press SP-PHONE

## **Absent Message** Capability (cont.)

#### Message 6. "In a Meeting"



Lift handset or press SP-PHONE







or press SP-PHONE

## To Cancel the Message



Lift handset or press SP-PHONE





Hang up or press SP-PHONE

## Saved Number Redial

The phone number of an outside party can be stored when dialled and then redialled.

## **Programming**

## ■ When the Called Line is Busy or while You are Speaking on the CO Line

#### Before hanging up;







Press SAVE

## Dialling



Lift handset or press SP-PHONE



Press SAVE

- Pressing the SAVE button enables you to redial once.
- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.

## Message Waiting

If the intercom extension you have dialled is busy or does not answer, you can inform the called extension that there is a message which should be informed.

■ To Cancel the Message which is Left at the Extension from the Extension which Sent the Message.





handset or press SP-PHONE



Dial extension number (200 through 299)



Ring back tone or busy tone will be

heard



Press MESSAGE



tone

Confirmation

The MESSAGE extension.

indicator will be lit at the called



or press SP-PHONE



Dial extension number (200 through 299)



Press MESSAGE



Confirmation tone









MESSAGE indicator light will go out.

MESSAGE

Confirmation tone

Hang up

To Call the Extension which Sent the Message from the Extension where the Message Is Left.



or press

SP-PHONE

Press



MESSAGE



Ring back tone will be heard

Talk

The MESSAGE indicator light will go out.

■ To Cancel the Message at the Extension where Message is Left.



Lift handset or press SP-PHONE



Hang up or press SP-PHONE

Dia! "700="

- The MESSAGE indicator light will go out.
- All messages will vanish.

 If the MESSAGE indicator light does not go out after calling the extension which is left the message, it means that another message is left. In the case having received plural messages, dialling is done in order of receipt But the extension to dial can be selected with Proprietary Telephone with LCD When the MESSAGE button is pressed with the handset on the cradle and the SP-PHONE button off, the name or extension number that left the message is displayed

While it is displayed, press the MESSAGE button again. Repeat it until the desired name or extension number appears

When the desired name or extension number appears, lift the handset and press the MESSAGE button.

## **External Feature Access**

Allows an extension user to access features of the central office or host PBX.

(e.g. CALL WAITING FEATURE can be supplied by Central Office.)

The external feature (e.g. CALL WAITING FEATURE) can only be accessed when engaged on an outside call.

The following example shows you one of the procedures.

#### ■ Call Waiting-Outside Line



tone





Press RECALL



new caller while original call is on



Press RECALL



original caller while 2nd call is on hold

If the calling party on hold hangs up, the line is terminated.

- "Recall" can be stored into memory in the same way as "Storage" on page 15.
- You may access some features of host PBX using the RECALL button. If KX-T123210BE is connected to host PBX and recall operation is required, follow the procedure of recall operation which is required in the host PBX.

## **Executive Override Deny-Extension**

#### Allows you to prohibit another extension user from intruding into your extension that is in conversation with an inside party. Default is "Allow".

## Pulse/Tone Conversion

When the dialling mode is required to change from pulse mode to tone mode in one dialling sequence, this feature is used.

## ■ To Deny Executive Override



Dial "73"

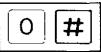
Dial "3"

Dial " + # "

Dial phone number (Pulse mode)

Dial phone (Tone mode)

Lift handset or press SP-PHONE



D:al "0 #"



Hang up or press SP-PHONE  When you dial using this feature, you must use the line set to the pulse mode. Phone number after dialling " \* \* " will be changed to the tone mode.

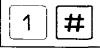
#### **To Allow Executive Override**





Lift handset or press SP-PHONE

Dial "73"





Dial "1#"

Hang up or press SP-PHONE

# **Call Waiting Tone-From CO/Extension Deny**

During a conversation, call waiting tone will be heard when a third party on an outside line or intercom calls you.

Call waiting tone can be removed at customer's request. Default is "Allow".

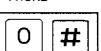
# To Deny CO Call Waiting Tone







Lift handset or press SP-PHONE



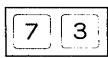


Dial "0 #"

Hang up or press SP-PHONE

# To Allow CO Call Waiting Tone

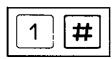




Dial "73"



Lift handset or press SP-PHONE



Dial "1#"

or press SP-PHONE

# ■ To Deny Extension Call Waiting Tone







Lift handset or press SP-PHONE

Dial "0 #"

Hang up or press SP-PHONE

# ■ To Allow Extension Call Waiting Tone







Lift handset or press SP-PHONE



Dial "1#"



Hang up or press SP-PHONE

# Use of Other Features (cont.)

# **Electronic Station Lock**

Locking an extension prohibits other users from dialling on an outside line until unlocked.

# Station Status Check

You can confirm your station status on the LCD.

Be sure the handset is on the cradle and the SP-PHONE button is off

### To Lock To Confirm Press the following button(s) which you want to confirm. ■ Proprietary Telephone Dial "77" Lift handset Dial lock code (000 through or press SP-PHONE SAVE 999) Press SAVE Press PROGRAMMABLE FEATURE REDIAL Dial same Dial "# Hang up or FWD/ONO MESSAGE co press SP-PHONE lock code again ■ To Unlock Press CO MESSAGE - FWD/DND ■ DSS Console Lift handset Dial "77" Dial lock NO or press SP-PHONE code

Press DSS

- #

Dial "#"

- Hang up or press
- Lock code must be 3 numeric digits excluding the " # " and " # " buttons.
- If you forget the Lock code, see the "Cancellation of Electronic Station Lock" on page 45.
- When the display of the contents stored exceeds 16 characters, the mark "&" will be displayed at the right end of the LCD.

PROGRAMMABLE FEATURE

# **Timed Reminder**

If a time is set, alarm tone will sound at the preset time.

### ■ Setting



or press SP-PHONE



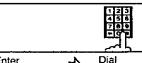


Dial "76"

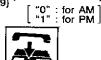
or "1" Ц

Enter hour (01 through 12)

[ "1" : only one day] [ "2" : every day







Hang up or press SP-PHONE

# To Cancel



or press SP-PHONE







Dial "1" or "2" [ "1" : on!

Dial "762 #"

· After cancelling, hang up or press SP-PHONE.

# To Confirm the Setting Time



or press SP-PHONE









Dial "763#"

After confirming, hang up or press SP-PHONE.

# **Data Line Security**

This feature provides security when transmitting data through an extension of the KX-T123210BE.

The parallel connection of the KX-T123230E and a data terminal equipment is impossible. Executive override, Call waiting tone and Hold time reminder tone from KX-T123210BE are prohibited in this mode.

# Setting

Use of Other Features (cont.)







Lift handset or press SP-PHONE

Dial "73"

Dial







Dial "1#"

or press SP-PHONE

# To Cancel







Dial "0

Lift handset or press SP-PHONE

#

Dial "0#"

Hang up or press SP-PHONE

# Use of Other Features (cont.)

# **Background Music**

Music from an external source (e.g. radio) can be heard on the built-in speaker of the telephone.

 Be sure the handset is on the cradle and the SP-PHONE button is off.

# ■ To Listen



グリット ップリリ Will hear

music

Dial "1"

■ To Cancel



Dial "1"

# **Station Feature Clear**

Dialling (79=) will reset station features on an extension to the default data.



7 9 #

Dial "79#"

Lift handset or press SP-PHONE



Hang up or press SP-PHONE

- The following features can be reset to the default data.
  - Dial Call Pickup Deny
  - Call Waiting Tone From CO/Extension Deny
  - Data Line Security
  - Background Music
  - Timed Reminder
- Do Not Disturb
- Call Forwarding
- Absent Message Capability
- Message Waiting
- Executive Override Deny-Extension

# Flexible Night Service

... (Extension of jack number 01 only)

Normal system operation is set for day time. Night service allows outward dialling and incoming ringing assignments, etc. (See "Day/Night Service Mode" in INSTALLATION MANUAL.) to be rearranged via programming.

This feature enables or disables Night service through extension of jack 01 at any time.

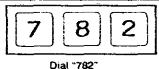
This feature enables or disables Night service through extension of jack 01 at any time.

Without activating this feature, the day/night services are automatically switched (default times are 9:00 AM and 5:00 PM) by the internal clock if the Switching Mode (Day/Night Service)

is selected for "Auto" mode in the KX-T123210BE.

# To Enable Night Service (To disable day service)





Lift handset or press SP-PHONE



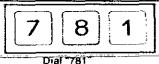


Dial "#

Hang up or press SP-PHONE

# To Disable Night Service (To enable day service)





Lift handset or press SP-PHONE





Dial "#"

or press SP-PHONE

When the unit is not in use, the present mode selected will be shown by pressing the abutton

# **Station Programming**

 Be sure the handset is on the cradle and the SP-PHONE button is off.

# One Touch Access for System Features

Features that can be accessed by using the dialling button also can be programmed into memory. (e.g. Paging All Extensions)

# ■ To Program

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

### Example:

Paging All Extensions (Dial 330)







Press D PROGRAM-MABLE FEATURE

Press MEMORY

- System features described in the table on pages 53 through 55 can be programmed into memory.
- After programming all the system features, return the MEMORY switch to the "SET" position.

# ■ To Access







Press PROGRAMMABLE FEATURE

# **Auto CO Hunting**

### Prime Line Preference-Outgoing

You can access the prime CO line directly by picking up the handset or pressing the SP-PHONE button.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

# ■ Setting







Dial "13"

Dial CO number (01 through 12)

Press MEMORY

# ■ To Cancel





Dial "11"

Press MEMORY

 After programming, return the MEMORY switch to the "SET" position.

### Dialling through CO line







Wait for C.O. dial tone

123 056 789

Dial phone number

CO indicator will light

 If you want to access an extension in the Auto CO Hunting Mode, press the ICM button and then dial the extension number.

# Auto CO Hunting (cont.)

# Idle Line Preference-Outgoing

You can access any idle CO line within the CO lines enabled to call directly by picking up the handset or pressing the SP-PHONE button.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

# Automatic Answering Selection

# Prime Line Preference-Incoming

When incoming calls from the Central Office reach at the same time, you can answer the call on the preferred CO line first by only lifting the handset or pressing the SP-PHONE button.

Setting

1 2

AUTO MEMORY

Dial "12"

Press MEMORY

■ To Cancel

1 1



Dial "11"

Press MEMORY

 After programming, return the MEMORY switch to the "SET" position.  Set the MEMORY switch of the proprietary telephone to "PROGRAM".

# Setting

2 3



AUTO MEMORY Press

Dial "23"

number

\_\_<u>EM C-06.</u>9

(01 through 12)

## **™** To Cancel





Dial "22"

Press MEMORY

■ Dialling through CO line



Lift handset or press SP-PHONE



Wait for C.O. dial tone



Dial phone number

CO indicator will light.

 If you want to access an extension in the Auto CO Hunting Mode, press the ICM button and then dial the extension number. To Answer



Lift handset or press SP-PHONE

 If multiple incoming calls from the Central Office reach CO lines other than the preferred CO line at the same time, you must lift the handset or press the SP-PHONE button and then press the CO button at which the first call arrived and whose indicator is flashing (red) quickly.

After programming, return the MEMORY

switch to the "SET" position

# Automatic Answering Selection (cont.)

# No Line Preference-Incoming

If programmed for the No Line Preference-Incoming mode, the extension user must lift the handset or press the SP-PHONE button and then press the flashing CO button.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

# ■ Setting

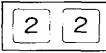




Dial "21"

Press MEMORY

# To Cancel





Dial "22"

Press MEMORY

 After programming, return the MEMORY switch to the "SET" position.

# **Ⅲ** To Answer





Lift handset or press SP-PHONE

Press CO whose indicator is flashing quickly

 If multiple incoming calls from the Central Office reach at the same time, you must lift the handset or press the SP-PHONE button and then press the CO button at which the first call arrived and whose indicator is flashing (red) quickly.

# Flexible CO Button

# To Change into Another CO Button

Allows each CO button to change into CO number which is different from the printed CO number.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".









Press CO which you want to change into different CO number

Dial "0"

Dial CO Pr number M which you want to set newly (01 through 12)

Press MEMORY

 After programming all CO buttons, return the MEMORY switch to the "SET" position.

# To Change into DSS Button

Allows each CO button to change into the DSS (Direct Station Selection) button. DSS button can be used instead of dialling an extension number.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".









Press CO D which you want to change into DSS button

Dial Preextension ME number (200 through 299)

Press MEMORY

- After programming all CO buttons, return the MEMORY switch to the "SET" position.
- For dialling, refer to "Inter Office Calling (Intercom)" on page 14.

# Flexible CO Button (cont.)

# To Assign to Trunk Group **Access Button**

Allows each CO button to change into the trunk group access number (81 through 88).

Set the MEMORY switch of the proprietary telephone to "PROGRAM".









Press CO which you want to change into trunk group access number

Dial trunk group number (1 through 8)

MEMORY

After programming all CO buttons, return the MEMORY switch to the "SET" position.

# To Change into Ail the Other CO's Buttons

Allows CO button to change into all CO numbers which are not assigned to CO button.

Set the MEMORY switch of the proprietary telephone to "PROGRAM".

Press CO

which you want

to change into all the other CO





Press MĒMORY

After programming all CO buttons, return the MEMORY switch to the "SET"position.

# To Change into One **Touch Diailing Button**

Allows each CO button to change into the one touch dialling button Up to 16 digits can be stored into each of the 12 CO buttons.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".









Press CO Dial "2" which you want

to change into one touch dialling

Dial "9"

Dial phone number



Press MEMORY

You may dial 81 through 88 instead of 9.

- 9... An extension automatically selects an idle line from the CO lines enabled to call.
- 81 through 88... An extension selects a trunk group designated.
- After programming all CO buttons, return the MEMORY switch to the "SET" position
- For dialling, refer to "One Touch Dialling" on page 15.

# **CO Line Ringing Selection**

Through programming the CO numbers, you can select whether the extension rings or not when an outside call reaches through the CO line. Program the CO numbers which you want to ring. "Flexible Ringing Assignment" in INSTALLATION MANUAL should be set to "Enable".

# ■ To Change the CO Numbers Desired to Ring

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".







Dial "3"

Continue to dial CO numbers which you want to ring (01 through 12)

Press MEMORY

## Example

To ring CO. 01, 03, 05 only

- 1) Dial 3
- 2) Dial 01 03 05 in succession.
- 3) Press MEMORY
- As all programmed CO numbers are not displayed, press the "→" (FWD/DND), or "←" (CONF) button for scrolling the display.
- After programming, return the MEMORY switch to the "SET" position.
- When an outside call reaches through the CO line not to ring, the CO indicator will flash. If you want to answer the outside call, press the flashing CO button.

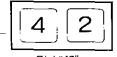
# Intercom Voice Alerting Mode

The intercom alerting mode (tone/voice) at a receiving extension can be selected through programming.

VOICE...Voice alerting instead of Tone alerting is heard through the speaker on the receiving extension.

TONE... Tone alerting (ringing) sound at the receiving extension.

- Set the MEMORY switch of the proprietary telephone to "PROGRAM".
- Setting (Voice Alerting Mode)





Dial "42"

Press MEMORY

# To Cancel (Setting Tone Alerting Mode)





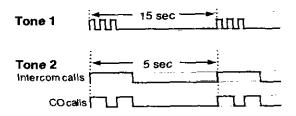
Dial "41"

Press MEMORY

 After programming, return the MEMORY switch to the "SET" position.

# Call Waiting Tone Selection

You can change the Call Waiting Tone from Tone 1 to Tone 2 shown below to prevent the user from missing the tone.



# Station Program Clear

Pressing (# \* MEMORY) will reset station programs on an extension to the default data.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".







Dial "#"

Dial ""

the default data.

**Auto CO Hunting** 

Press MEMORY

 After clearing, return the MEMORY switch to the "SET" position.

Prime Line Preference-Outgoing Idle Line Preference-Outgoing

Automatic Answering Selection Prime Line Preference-Incoming No Line Preference-Incoming Intercom Voice Alerting Mode

CO Line Ringing Selection

The following programs can be reset to

Cancellation of Electronic

Station Lock

(Extension of jack number 01 only)

You can cancel the Electronic Station Lock on all

This feature is done through extension connected

Set the MEMORY switch of the proprietary

# ■ To Select

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".



Dial "6"





Dial "1" or "2"

Press MEMORY

"1": for Tone 1 "2": for Tone 2 Call Waiting Tone Selection

 After programming, return the MEMORY switch to the "SET" position.

# Station Number Check

You can confirm your extension number and jack number by the LCD.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

The LCD will show your extension number and jack



- 45 -



extensions.



P:

to jack number 01 only

Press MEMORY

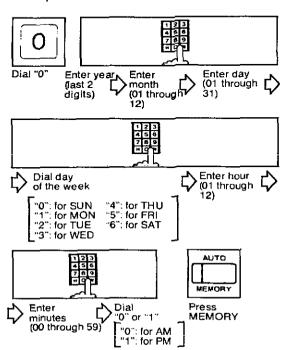
- After confirming, return the MEMORY switch to the "SET" position.
- After cancelling the Electronic Station Lock. return the MEMORY switch to the "SET" position.

# **Date and Time Setting**

(Extension of jack number 01 only)

When the present time is out of order, you can adjust it by the following procedure.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".



 After programming, return the MEMORY switch to the "SET" position.

# **Outgoing Message**

(Extension of lack number 01 only)

Enables you to record a message that answers calls on the CO line set to "DISA" mode. The record time is max. 31 seconds. One message can be recorded.

 Set the MEMORY switch of the proprietary telephone to "PROGRAM".

# To Record









Dial "9"

Lift handset

Dial "2

Give message



 Message which is recorded is played back automatically.

# Press MEMORY

# ■ To Play Back Only







Will hear message

- After recording or confirming, return the MEMORY switch to the "SET" position.
- Optional Outgoing Message Card and Direct Inward System Access Cards are necessary.
- If a power failure takes place for about 10 days, OGM will vanish. Then, "Record OGM" will be indicated and blink on the LCD of the extension connected to jack no.1. Please record OGM again.

# System Speed Dialling Entry (Extension of Jack number 01 only)

100 phone numbers each with up to 32 digits may be stored for speed dialling. All speed dial entries must be entered at Extension of jack number 01 (KX-T123230E) with the System Program Switch set to the "PITS" position within the KX-T123210BE.

For your convenience, program common phone numbers into the KX-T123210BE.

When you don't want to display the dialled phone number on the LCD in speed dialling. press the ICM (SECRET) button before and after dialling the phone number that you want to keep secret. Do not press the ICM button before line access number (9 or 81 through 88).

press the ICM button

The display shows as follows when dialling.

-123.

position. (For more information, see "System Speed Dialling Entry" in INSTALLATION

After programming all the numbers, return

the System Program Switch to the SET

The display shows as follows when programming.

01:9-123 [456]

# Storage

. .....

Be sure the handset is on the cradle and the SP-PHONE button is off.





Press

NEXT



(00 through 99)



Dial speed access code

Press







Dial "9"

Dial phone MEMORY number

To advance to the next speed access

code; SELECT

Press

SELECT

MEMORY

AUTO

MEMORY

Press



Dial speed

access code

(00 through 99)



Dial "9"

To program the next speed access code continuously, press the

**NEXT** button instead of pressing

the SELECT button and dial

the next speed access code.





Dial phone number



MANUAL.)

Repeat "Storage".

Example: 9-123

CM



To Change a Stored Number

To Erase after Programming





Press AUTO

Press NEXT

Dial speed access code (00 through 99)

CLEAR



Press MEMORY

To advance to the next speed access code:

To program the previous speed access code. press the PREV button instead of pressing the SELECT button and dial the previous speed access code.

You may dial 81 through 88 instead of 9. 9... Each extension can automatically select an idle line from the CO lines enabled to call.

81 through 88... Each extension can select a trunk group designated.









Press SELECT

Dial speed access code (00 through 99)

Press MEMORY

You may use the NEXT button or the PREV button instead of pressing the SELECT button and dial the speed access code.

- 47 -

# **Example of Operation**

# ■ To Leave a Call on Hold, and to Make **Another Call**

# Example (CO line):

Call in progress ..... CO 1 New call ...... CO 2



Press HOLD



Press CO 2



Make a new call



Consult with the new caller while the call on CO 1 is on hold



Press CO 1 to terminate the call on CO 2 and to return to the call on CO 1

### Example (Intercom):

Call in progress ..... on extension 202 New call ...... on extension 203



HOLD



Dial extension number 203



Consult with the new caller while extension 202 is on hold



Press ICM to terminate the call on extension 203 and to return to the call on extension 202

# ■ To Make a Call and Transfer a Called Party to Another Extension

### Example:

Call in progress ..... CO 1 Extension to whom a call is transferred ..... Extension 202



Press CO 1





Make a call



Press TRANSFER



extension number 202



and wait for an answer



SP-PHONE to transfer a call

# ■ To Place One Call on Hold and Transfer the New Call to an Extension

### Example:

Call in progress ..... CO 1 New call ...... CO 2 Extension to whom a call

is transferred ...... Extension 202



Press HOLD



Press CO 2



Make or receive a new call



Consult with the new caller while the call on CO 1 is on hold



Press TRANSFER



extension number 202



Hang up or press SP-PHONE

- CO 2 call is now transferred to extension
- CO 1 call is still on hold.

■ To Leave Three Calls on Hold, Transfer Two of the Calls to Extensions and Talk to Call on Hold



.. <del>Tation</del>i 4:74....

Call in progress ------ CO 1 New call ...... CO 2, CO 3

CO 1 is transferred to extension 204. CO 2 is transferred to extension 205.



Press HOLD



Press CO<sub>2</sub>



Make or receive a new cali



Dial extension number 204



CO<sub>2</sub>



Consult with the caller on CO 2 while the caller on CO 3 is on hold



Press TRANSFER



Dial extension number 205



Press CO 3



the new caller





Press CO 3





on CO 2 while the call on CO 1 is on hold



Make or receive a new call



Consult with the new caller on CO 3 while the callers on CO 1 and CO 2 are on hold



Press HOLD

- The call on CO 1 is now transferred to extension 204.
- The call on CO 2 is now transferred to extension 205
- The call on CO 3 is now returned into conversation.
- You can transfer a desired call on CO to an extension in desired order regardless of order of leaving on hold.



Press CO 1



Consult with CO 1 while the

the caller on callers on CO 2 and CO 3 are on hold



Press TRANSFER

# **Busy Lamp Field**

The indicators corresponding to the ICM (Intercom) and the CO buttons will indicate the status of the extensions.

# CO indicator light

Light	Status	
off	idle	
on (green)	in use	
slowly flashing (green)	on hold	
flashing twice at regular intervals (green)	on exclusive hold	
quickly flashing (green)	Privacy Release	
on (red)	in use at another extension	
slowly flashing (red)	on hold at another extension	
quickly flashing (red)	receiving a call	

# • ICM indicator light

Light	Status	
off	idle	
on	in use for intercom	
slowly flashing	on hold	
flashing twice at regular intervals	on exclusive hold	
quickly flashing	receiving	

 DSS indicator light (Indicator of CO button which has been changed into DSS button.)

Light	Status (another extension)
off	idle
on (red)	in use

### Note

 If a call on CO line whose number is not assigned is left on hold, the ICM indicator will flash.

# Liquid Crystal Display (LCD)

When the unit is not in use, the LCD will show the month, day and the present time. Also the LCD will show the year, month, day and the day of the week by pressing the \* button. To return to the display of the month, day and the present time, press the \* button again

DISPLAY TYPE	WHEN THE DISPLAY SHOWS
CO 01 2:15'30	While you are in conversation through CO 1.  "2:15'30" indicates that the length of time that you have been speaking is about 2 hours 15 minutes and 30 seconds.
PITS-PGM NO?	When the MEMORY switch is set to "PROGRAM".
M 01/P: Not Stored	When memory location 01 stores no telephone number.
Call back EXT 220	When "Automatic Call Back Busy" is set for extension 220.
Call back CO 01	When "Automatic Call Back Busy" is set for CO 1.
Doorphone 1	When "Doorphone 1" is called.
210: Brown	When an intercom call reaches from extension 210 (Mr. Brown).
Call on CO 01	When an outside call reaches CO 1.
Ext 230 & CO 02	When "Conference" has been established among you and extension 230 and CO 2.
Paging All	When all extensions and external paging equipment are paged.
Paging All Ext	When all extensions are paged.
Paging Group 2	When group 2 is paged.
Extrnl Page 1 & 2	When a page has been accessed from external paging equipments 1 and 2.
Busy Ovrde Deny	When "Executive Override" is denied
Busy Ovrde Allow	When "Executive Override" is allowed.
FWD (Ali) Ext 280	When "Call Forwarding-All Calls" is set for extension 280.
FWD (B/NA) Ext 201	When "Call Forwarding-Busy or No Answer" is set for extension 201.
FWD (All) CO G 1	When "Call Forwarding-Outside Line" is set for trunk group 1.

DISPLAY TYPE	WHEN THE DISPLAY SHOWS	
Do Not Disturb	When "Do Not Disturb" is set.	
FWD/DND Cancel	When "Call Forwarding-All Calls", "Call Forwarding-Busy or No Answer", "Call Forwarding-Outside Line" or "Do Not Disturb" is cancelled.	
C.Pickup Deny	When "Dial Call Pickup Deny" is set.	
C.Pickup Allow	When "Dial Call Pickup Deny" is cancelled.	
Night Mode	When "Flexible Night Service" is set.	
Day Mode	When "Flexible Night Service" is cancelled.	
SYS-PGM NO? —	When the SYSTEM PROGRAM switch in the KX-T123210BE is set to "PROGRAM".	
Speed Dialling	When "01" is dialled to program a speed dialling number.	
Speed No ?	When the NEXT button or SELECT button is pressed to program a speed dialling number after "01" is dialled.	
Restricted	<ul> <li>When call is restricted with "Toll Restriction".</li> <li>When the extension which has been set to the Station Lock calls to CO line.</li> </ul>	
MW at Ext 201	When an operator leaves the message at extension 201.	
CW (Ext) On	When "Call Waiting Tone-From Extension" is set.	
CW (CO) On	When "Call Waiting Tone-From CO" is set.	
Call Prked at 1	When a call (intercom or outside) is parked to the parking station number 1.	
Data Mode On	When "Data Line Security" is set.	
Record OGM	When an OGM vanishes and a call arrives at the CO line to which DISA mode is set.	

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# **Table of System Features**

The following system features can be programmed into memory. For programming, see "One Touch Access for System Features" on page 40.

Dial Plan Code	System Features	Dial Plan Code	System Features
o or		Extension no (200 through 299)	Directed Call Pickup
or (for operator 1)	Operator Call	4 0	Dial Call Pickup
Extension no. (200 through 299)	Individual Inter Office Calling	External paging no (1 or 2)	Paging Answer-External Equipment 1 or 2
[2]	Busy Station Signalling	43	Paging Answer- Group-All Extensions
[3]	Executive Override — into Extension	5 1	Call Park Retrieve
3 1 Doorphone number (1 or 2)	Calling Doorphone 1 or 2	(0 through 9)	Camp-on
3 2 0	Paging-External Equipments 1 and 2	700#	Cancelling Message Waiting
3 2 1	Paging-External Equipment 1	<b>710#</b>	Cancelling Call Forwarding or Do Not
[3] [2] [2]	Paging-External Equipment 2		Disturb
Group no. (1 through 8)	Paging Group	Extension no (200 through 299)	Call Forwarding-All Calls
[3][3]	Paging All Extensions	Extension no (200)   ##	Call Forwarding-Busy or No Answer
3 2 * or 3 3 *	Paging All Extensions and External	7 1 3 9 Phone no #	Call Forwarding-To Outside Line

# Table of System Features (cont.)

Dial Plan Code	System Features	Dial Plan Code	System Features
714#	Do Not Disturb	7   5 0 #	Cancelling Absent Message
7 2 0 #	Cancelling Dial Call Pickup Deny	7 5 1 #	Message "Will Return Soon"
7 2 1 #	Dial Call Pickup Deny	7 5 2 #	Message "Gone Home"
7300#	Cancelling Data Line Security	7   5   3	Message "At Ext 201" extension no.
7 3 0 1 #	Data Line Security	Extension re #	EXCUISION NO.
7310#	CO Call Waiting Tone Deny	7 5 4 Hour (01 through 12)	Message
7 3 1 1 #	Cancelling CO Call Waiting Tone Deny	Minute (00 through 59)  G for AM or 1 for PM	"Back at 10:00 AM."
7 3 2 0 #	Extension Call Waiting Tone Deny	7 5 5	
7 3 2 1 #	Cancelling Extension Call Waiting Tone Deny	Month (C1 through 12)	Message "Out Until 10/23"
7 3 3 0 #	Executive Override Deny	(01 through 31)	
7 3 3 1 #	Cancelling Executive Override Deny	7 5 6 #	Message "In a Meeting"

# Table of System Features (cont.)

Dial Plan Code	System Features	Dial Plan Code	System Features
Hour (01 through 12)  Minute (00 through 59)  0 for AM or 1 for PM	Timed Reminder	Lock Code (000 fbrough 999) Same Lock Code again	Electronic Station Lock
1 only one day 2 every day	· · · · · · · · · · · · · · · · · · ·	Lock Cede	Cancelling Electronic Station Lock
7 6 2 #	Cancelling Timed Reminder	7 8 1 #	Flexible Night Service- Day Mode
7 6 3 #	Confirming Timed Reminder	7 8 2 #	Flexible Night Service- Night Mode
<b>.*</b> .: <b>#</b>	Pulse/Tone Conversion	7 9 #	Station Feature Clear



# Troubleshooting Guide



# Problem

# Cause & Remedy

The unit does not ring.



- Ringer Volume Selector is set to "OFF". Set to "HIGH" or "LOW".
- See "CO Line Ringing Selection" on page 44.

The unit does not operate during power interruption.



This is normal. We recommend you to use a telephone which can work even during a power failure as an extension of jack number 02, 09, 10, 17 or 18.

System programming can not be done into the KX-T123210BE.



You may have programmed without using the extension of jack number 01. The system programming can be done by using the extension of jack number 01 only.

I have transferred a call to a different party by mistake.



Press the CO or ICM button whose indicator is flashing slowly to retrieve the call, then repeat the procedure of Call Transfer.

I left a call on hold and hung up once, then seized a line and tried to leave a call on exclusive hold, but I could not.

Retrieve a call once and place a call on exclusive hold again.

When I was making an outside call, the line was cut off.



Start dialling the phone number within 20 seconds after you selze the CO line.

<sup>&</sup>quot;In the event of a power failure, the KX-T123230E does not operate."

# 124

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# **Others**

- 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. If the known working telephone does not operate properly, check the Electronic Modular Switching System (KX-T123210BE).
- 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.





### WARNING:

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

DO NOT USE ANY HANDSET OTHER THAN PANASONIC HANDSET FOR MODEL KX-T123230E USE

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