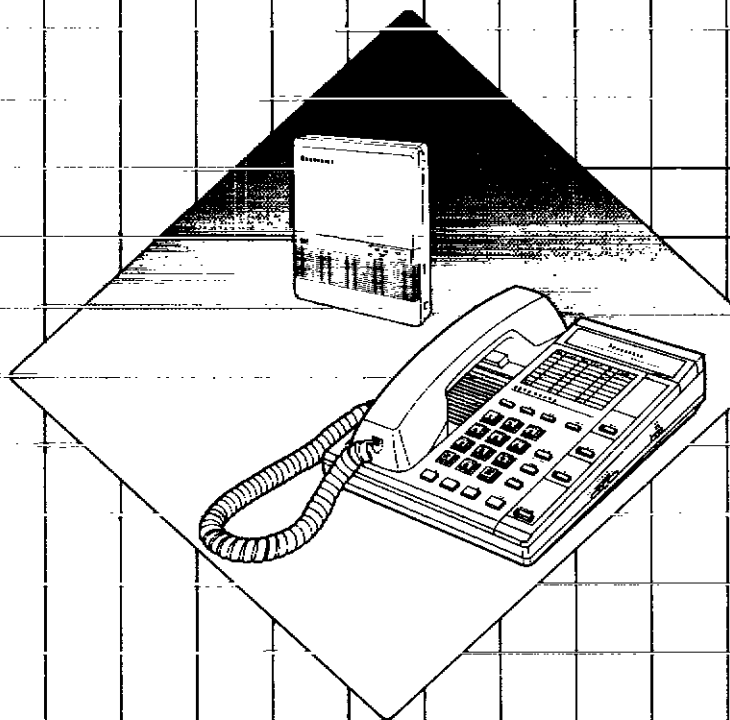


Operating Instructions

PROPRIETARY TELEPHONE FOR KX-T30810BE

INTEGRATED
TELEPHONE SYSTEM
MODEL NO. **KX-T30850E**
EASA-PHONE

Basic Operation



Basic Operation

Basic Operation

Panasonic

Please read before use.

Thank you for purchasing the Panasonic Telephone.

Features

- **Designed Proprietary** for the KX-T30810BE Electronic Modular Switching System.
- **3 Programmable Soft Buttons** for one-touch access to system features such as automatic call-back and paging. Can also store numbers for automatic dialling.
- **Call Transfer** switches either outside or internal calls to another extension.
- **Electronic Hold** allows ordinary and exclusive hold, which doesn't allow another extension to pick up the call. Holds up to 3 CO lines and one extension at once.
- **CO Line BLF** indicates status of each CO line and lets you connect to a CO line by pressing a CO line button.
- **3-Way Conference** lets you converse with two parties simultaneously.
- **Last Number Redial** lets you dial the last number dialled, up to 32 digits long, at the touch of LNR button.
- **Speed Dialling** allows you to dial up to 100 32-digit telephone numbers (programmed in the system).
- **On-Hook Dialling** with monitor speaker lets you dial without lifting the handset.

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

S/10/10/01332

- **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.


For further details, see the Installation Manual.

TO MAKE CALLS




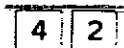


- Lift the handset or press the MONITOR button first.
- After finishing your conversation, hang up the handset.

INTER OFFICE CALLING
(Intercom)



Dial extension no. (21 through 28)

OUTWARD DIALLING*Individual Line Access* Dial phone number

- You may dial 81 through 83 instead of pressing the CO button.

Automatic Line Access 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**For doorphone 2***WHEN A LINE IS BUSY****AUTOMATIC CALL BACK BUSY***For Outside Calls* Hear a busy tone  Hang up handset or press "MONITOR"*For Intercom Calls*

Dial extension no. (21 through 28) Hear a busy tone

 Hang up handset or press "MONITOR"**BUSY STATION SIGNALLING**Dial extension no. (21 through 28) Hear a busy tone **LAST NUMBER REDIAL**Lift handset or press "MONITOR" 

For your convenience, detach this portion.

OTHER FEATURES

- Lift the handset or press the MONITOR button first.
- After hearing confirmation tone (1 or 2 beeps), hang up the handset or press the MONITOR button.












BACKGROUND MUSIC	<i>To enable</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>	<i>To cancel</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>
CALL FORWARDING	<i>Setting</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">1</div> <div style="margin-left: 10px;"><i>Dial extension no.</i> (21 through 28)</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>	<i>To cancel</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>
DIAL CALL PICKUP DENY	<i>Setting</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>	<i>To cancel</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>
DO NOT DISTURB	<i>Setting</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>	<i>To cancel</i> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div>
TO CANCEL FEATURES	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">9</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">#</div> <ul style="list-style-type: none"> • Following features can be cancelled. Dial Call Pickup Deny, Do Not Disturb, Call Forwarding, Background Music, Data Line Security. 	

For your convenience, detach this portion.

TO RECEIVE CALLS











ANSWER	Lift handset
DIAL CALL PICKUP	Lift handset 5 0 <ul style="list-style-type: none"> • You may dial the ringing extension number instead of 0.

WHILE HAVING A CONVERSATION

HOLD-CO <i>Call On Hold</i>	<i>To place call on hold</i> 	
	<i>To retrieve at the holding extension</i>  <ul style="list-style-type: none"> • Press the CO button whose indicator is flashing slowly (green colour). 	<i>To retrieve from another extension</i>  <ul style="list-style-type: none"> • Press the CO button whose indicator is flashing slowly (red colour).
<i>Call on Exclusive Hold</i>	<i>To place call on hold</i>  	<i>To retrieve</i>  <ul style="list-style-type: none"> • Press the CO button whose indicator is flashing in groups of 2 (green colour).
HOLD-INTERCOM <i>Call on Hold</i>	<i>To place call on hold</i> 	
	<i>To retrieve at the holding extension</i> 	<i>To retrieve from another extension</i> Dial holding extension no. (21 through 28) 6
<i>Call on Exclusive Hold</i>	<i>To place call on hold</i>  	<i>To retrieve</i> 












Quick Reference Card

WHILE HAVING A CONVERSATION

CONFERENCE	 Dial 2nd party	 Consult with 2nd party	
CALL WAITING To Terminate the Original Call and Talk to the New Caller To Place the Original Call on Hold and Talk to the New Caller	Hear a call waiting tone	 or 	Talk
	Hear a call waiting tone	 or  or 	• If both original and new calls are intercom calls, you need not to press the ICM button.
CALL TRANSFER To Transfer after the Other Extension Answers To Transfer without Announcing to the Other Extension	 Dial extension no. (21 through 28)	Announce and wait for answer	Hang up
	 Dial extension no. (21 through 28)		Hang up

PAGING

Lift the handset first.

PAGING ALL EXTENSIONS To Access	 	Hear 1 beep	Page	Wait for answer and talk
PAGING GROUP To Access	 	Hear 1 beep	Page	Wait for answer and talk
	For pickup group 2: At step 1 above, dial 46 instead of 45.			
PAGING-EXTERNAL To Access	 	Hear 1 beep	Page	Wait for 1 beep and talk
PAGING AND TRANSFER To Transfer Call to Paged Person	  	Hear 1 beep	Page	Wait for answer and hang up
	<ul style="list-style-type: none"> • You may dial 43 instead of 44. • You need not to lift the handset first. 			
ANSWER	 	Hear 1 beep	Talk	

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Others	back cover

To Make Calls

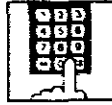
Inter Office Calling (Intercom)

Station to station dialling within the KX-T30810BE system.

Using the Handset



LIFT THE
HANDSET



DIAL THE
EXTENSION
NUMBER
(21 through 28)



TALK

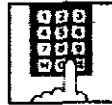


HANG UP

On-hook Calling



PRESS
"MONITOR"



DIAL THE
EXTENSION
NUMBER
(21 through 28)



WHEN THE
OTHER PARTY
ANSWERS
LIFT THE
HANDSET



TALK



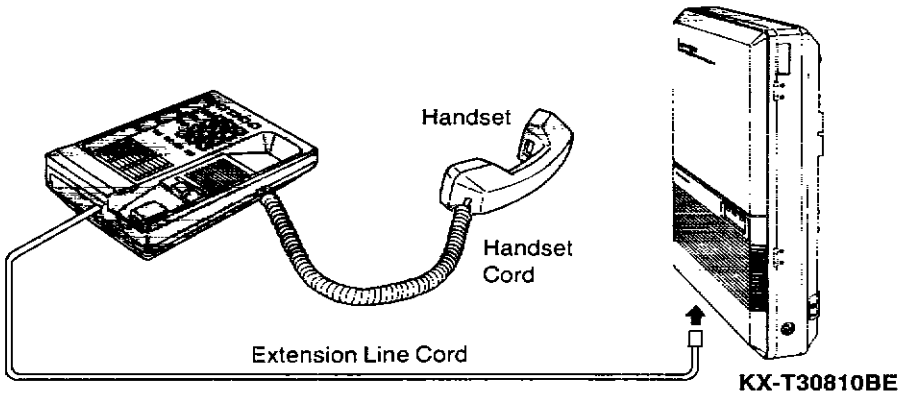
HANG UP

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

When you converse with the other party through KX-T30850E, use the handset by all means. You can hear the other party's voice but the other party can not hear your voice in the on-hook mode (see "Monitor Operation" on page 27).

Preparation

- ① Connect as shown.



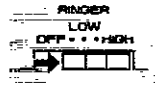
- We recommend to use a telephone which can work even during a power failure as an extension 22 or 23.
The KX-T30850E will not operate when a power failure takes place.
- Even if this unit is connected to telephone line, it will not operate.

② **RINGER VOLUME Selector:**

Set to "HIGH".

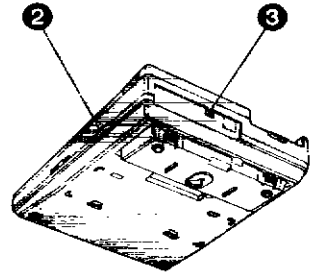
LOW: The ringing sound will be low.

OFF: The telephone will not ring.



③ **MEMORY Switch:**

Set to "SET".



Location of Controls

For your convenience, keep this page open when you read the following instructions.

TRANSFER/CLEAR Button

PROGRAMMABLE
FEATURE Buttons

NUMBER Card
(Write your telephone number.)

MEMORY Card

Write speed access codes, names (see page 11) and system features (see page 26). Quick reference is printed on the Memory card.

TELEPHONE NUMBER
Card and Card Cover

After writing numbers on the card, place the Card Cover from the side of the ICM button again. Twist the cover a little and place the two hooks which exist in the middle of the cover. You can also use the reverse side to write the desired CO line numbers

CONFERENCE Button

LAST NUMBER REDIAL
(LNR) Button

RECALL Button

HOLD Button

CO LINE Buttons
and Indicators

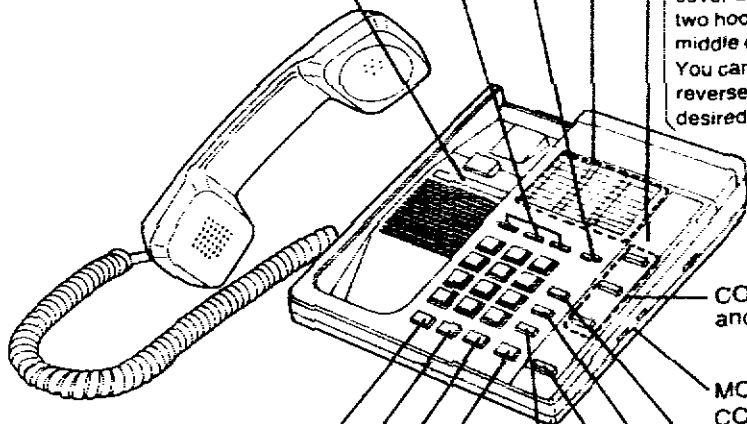
MONITOR VOLUME
CONTROL

AUTO/MEMORY Button

PAUSE Button

INTERCOM (ICM) Button
and ICM/MEMORY
Indicator

MONITOR Button



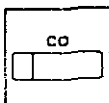
Outward Dialling

Any of the 3 CO's may be directly selected.

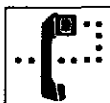
■ Individual Line Access



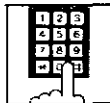
LIFT THE
HANDSET



PRESS "CO"



WAIT FOR THE
C.O. DIAL TONE

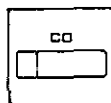


DIAL THE PHONE
NUMBER



HANG UP
WHEN THE
CONVERSATION
IS COMPLETED

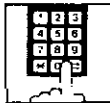
or



PRESS "CO"



WAIT FOR THE
C.O. DIAL TONE



DIAL THE PHONE
NUMBER



WHEN THE
OTHER PARTY
ANSWERS,
LIFT THE
HANDSET



HANG UP
WHEN THE
CONVERSATION
IS COMPLETED

- You may dial 9 or 81 through 83 instead of the CO button. In this case, you must lift the handset or press the MONITOR button first.

9: Each extension can automatically select an idle CO line within the KX-T30810BE.

81 through 83:

Any of the 3 CO lines may be selected by dial access.

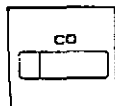
81: line access number of CO 1

82: line access number of CO 2

83: line access number of CO 3

- You can not use the CO button whose indicator has been already lighting (red colour) since anyone is using the CO line.
- The CO indicator will be lit (green colour) at your extension and lit (red colour) at other extensions.

While having a conversation;



PRESS
ANOTHER
"CO"

- The original conversation will be terminated and new CO line can be accessed.

Each extension can access new CO line without hanging up.

Basic Operation

To Make Calls (cont.)

Speed Dialling

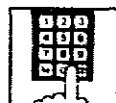
There are 100 memory locations of system speed dialling available.



LIFT THE HANDSET OR PRESS "MONITOR"



PRESS "AUTO"



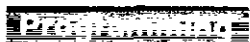
DIAL THE SPEED ACCESS CODE (00 through 99)

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

One Touch Dialling

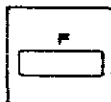
There are 3 memory locations for automatic dialling available. Up to 32 digits can be stored into each memory location (PROGRAMMABLE FEATURE button).

For your convenience, program private phone numbers into the KX-T30850E.



- Be sure the handset is in the cradle, the MONITOR button is off and a call is not reaching.
- Set the MEMORY switch of the KX-T30850E to "PROGRAM".
In this case, the MEMORY indicator will flash slowly.

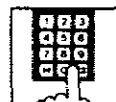
Storage



PRESS "PROGRAMMABLE FEATURE" (F1 through F3)



DIAL "9"



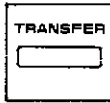
DIAL THE PHONE NUMBER



PRESS "MEMORY"

- You may dial 81 through 83 instead of 9.
 - 9... Each extension can automatically select an idle CO line.
 - 81 through 83... Each extension can select a CO line designated.
- 9 or 81 through 83 must be dialled for storage.
- You may program "*", "#", "RECALL" and "PAUSE". (For further details, see pages 25 and 28.)
- When the PROGRAMMABLE FEATURE button is pressed, the MEMORY indicator will go out and the MEMORY indicator will flash slowly again when the MEMORY button is pressed.

■ To Correct an Error while Programming



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

PRESS
"CLEAR
(TRANSFER)"
INSTEAD OF
"MEMORY"

- The TRANSFER button is used as the CLEAR button.

■ To Change a Stored Number

Repeat "Storage" on page 11.

■ To Confirm a Stored Number

Repeat programming the same number into the same station.

When the MEMORY button is pressed, a beep will be heard.

- two beeps storage is correct
- one beep storage is incorrect.
Repeat the procedure of programming.

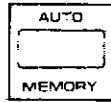
■ To Erase after Programming



PRESS
"PROGRAMMABLE
FEATURE"



PRESS
"CLEAR
(TRANSFER)"



PRESS
"MEMORY"

- The TRANSFER button is used as the CLEAR button.

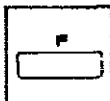
After programming all the numbers, return the MEMORY switch to "SET".
In this case, the MEMORY indicator will go out.

To Make Calls (cont.)

Dialling



LIFT THE HANDSET
OR PRESS
"MONITOR"



PRESS
"PROGRAMMABLE
FEATURE"

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

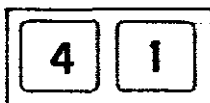
Calling Doorphone

Up to two doorphone (KX-T30865E) can be connected to the KX-T30810BE.

■ Doorphone 1



LIFT THE HANDSET
OR PRESS
"MONITOR"

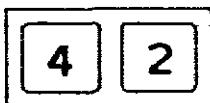


DIAL "41"

■ Doorphone 2



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "42"

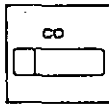
When a Line is Busy

Automatic Call Back Busy (Camp-on)

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

This feature is also known as camp-on.

For outside (trunk) calls



PRESS "CO"



YOU WILL HEAR A BUSY TONE



DIAL "0"

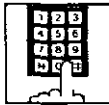


CONFIRMATION TONE OF 2 BEEPS WILL BE HEARD



HANG UP OR PRESS "MONITOR"

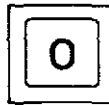
For intercom calls



DIAL THE EXTENSION NUMBER (21 through 28)



YOU WILL HEAR A BUSY TONE



DIAL "0"



CONFIRMATION TONE



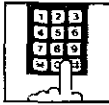
HANG UP OR PRESS "MONITOR"

When hearing the ring back on intercom calls or an outside call, lift the handset or press the MONITOR button.

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

Busy Station Signalling

If the extension you have dialled is busy, you can inform that extension that another intercom call is reaching by three beeps. For use of this feature, the other extension is required to be set this feature beforehand in the KX-T30810BE.



DIAL THE EXTENSION NUMBER (21 through 28)



YOU WILL HEAR A BUSY TONE



DIAL "2" AND WAIT FOR AN ANSWER

- To answer your signalling, see "Call Waiting" on page 20.

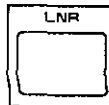
- While the other party is using a data terminal equipment, you may not be able to use this feature.
- If a busy tone is heard after dialling 2, it indicates that the other party has not set this feature.

Last Number Redial

The last phone number dialled on an outgoing CO can be redialled.



LIFT THE HANDSET OR PRESS "MONITOR"



PRESS "LNR"

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

To Receive Calls

Answer



LIFT THE
HANDSET

- When "Automatic Answering Selection" feature is selected "manual" mode in the KX-T30810BE and outside call reaches, lift the handset and then press the CO button whose indicator is flashing (red colour) quickly.
- You can distinguish a CO call, an Intercom call or a Doorphone call by a kind of ring tones. For further details, see page 5-6 in INSTALLATION MANUAL.

Dial Call Pickup

Through the use of this feature, an extension user can answer any ringing extension within their own pickup group.



LIFT THE
HANDSET



DIAL "50"

Directed Call Pickup

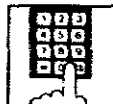
An extension may answer an incoming call that is ringing at another extension regardless of the pickup group.



LIFT THE
HANDSET



DIAL "5"

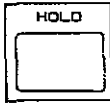


DIAL THE
RINGING
EXTENSION
NUMBER
(21 through 28)

Call Park Retrieve

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

■ To Park a Call



PRESS
"HOLD"



REPLACE THE
HANDSET

See "Call on Hold" on pages 17 and 18.

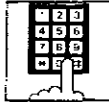
■ To Retrieve a Parked Call at Any Extension



LIFT THE
HANDSET



DIAL "6"



DIAL PARKED
EXTENSION
NUMBER
(2 through 28)

Doorphone

This feature is required to be set beforehand in the KX-T30810BE. For programming, see page 2-29 in INSTALLATION MANUAL.

■ For Answering Doorphones



LIFT THE
HANDSET

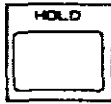
When you want to make an outside call while an outside call is reaching, press the CO button.

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

■ To Retrieve a Call on Hold



PRESS "CO"

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

■ To Retrieve a Call on Hold from Another Extension



LIFT THE
HANDSET



PRESS "CO"

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

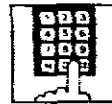
or



LIFT THE
HANDSET



DIAL "6"

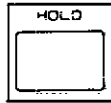


DIAL THE
HOLDING
EXTENSION
NUMBER
(21 through 28)

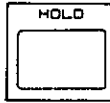
Hold-CO

Call on Exclusive Hold

Calls on exclusive hold can not be released by any extensions other than the phone which placed the call on hold.



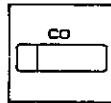
PRESS "HOLD"



PRESS AGAIN

- The indicator of the CO button which is on hold will flash in groups of 2 (green colour).
- The indicator of the CO button which is on hold will light (red colour) at other extensions.

■ To Retrieve



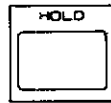
PRESS "CO"

- Press the CO button whose indicator is flashing in groups of 2 (green colour).

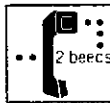
Hold-Intercom

Call on Hold

Extension user can place an intercom call on hold. An Intercom hold can be activated on one extension only.



PRESS HOLD



CONFIRMATION TONE

- The ICM indicator will flash slowly.

■ To Retrieve a Call on Hold



PRESS "ICM"

- The ICM indicator will be on.

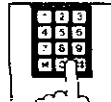
■ To Retrieve a Call on Hold from Another Extension



LIFT THE HANDSET



DIAL "6"



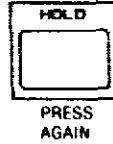
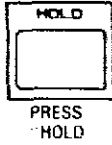
DIAL THE HOLDING EXTENSION NUMBER (21 through 28)

While Having a Conversation (cont.)

Hold-Intercom

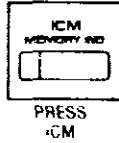
Call on Exclusive Hold

Calls on exclusive hold can not be released by any extensions other than the phone which placed the call on hold. An Intercom hold can be activated on one extension only.



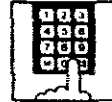
- The ICM indicator will flash in groups of 2.

■ To Retrieve



Conference

Allows for up to a three party conference. (1-outside/2-inside) or (3-inside).



(The 1st party is placed on hold)

(A 3-party conference is now established)

- You may press the HOLD button instead of the CONFERENCE button first.

■ To Terminate One Caller and Talk to the Another Caller

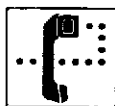
- If both the conference parties are on the extension:
Press the ICM button.
You will be connected to the first participant.
- If the conference parties are on the CO line and extension:
To talk to the CO party, press the CO button.
To talk to the extension party, press the ICM button.

Call Waiting

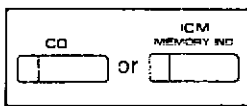
Call Waiting Tone during a conversation indicates there is a new incoming CO call or Intercom call. This feature is required to be set beforehand in the KX-T30810BE. For programming, see page 2-23 in INSTALLATION MANUAL.

If a 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 "Call Waiting—Outside Line" on page 25.

■ To Terminate the Original Call and Talk to the New Caller



WILL HEAR A CALL WAITING TONE



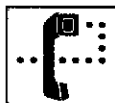
PRESS "CO" OR "ICM" WHOSE INDICATOR IS FLASHING QUICKLY
(The original call is now terminated)



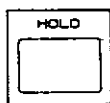
TALK

■ To Place 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 lighting into flashing quickly when new call reaches.)



WILL HEAR A CALL WAITING TONE



PRESS "HOLD"
(The dial tone is not heard)



CONSULT WITH THE NEW CALLER WHILE THE ORIGINAL CALL IS ON HOLD

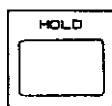


PRESS "ICM" TO TERMINATE THE 2ND CALL AND TO RETURN TO THE ORIGINAL CALL

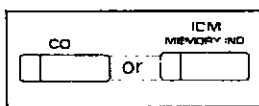
- If original call is CO call, and new call is CO call or intercom call: or
If original call is intercom call and new call is CO call:



WILL HEAR A CALL WAITING TONE



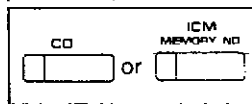
PRESS "HOLD"
(The dial tone is heard)



PRESS "CO" OR "ICM" WHOSE INDICATOR IS FLASHING QUICKLY



CONSULT WITH THE NEW CALLER WHILE THE ORIGINAL CALL IS ON HOLD

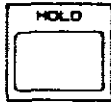


PRESS "CO" OR "ICM" WHOSE INDICATOR IS FLASHING SLOWLY TO TERMINATE THE 2ND CALL AND TO RETURN TO THE ORIGINAL CALL

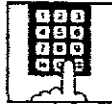
While Having a Conversation (cont.)

Call Splitting—Between CO and Intercom

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



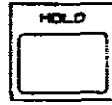
PRESS "HOLD" TO PLACE 1ST PARTY ON HOLD



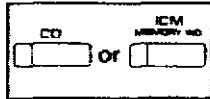
DIAL 2ND PARTY



CONSULT WITH THE 2ND PARTY WHILE THE 1ST PARTY IS ON HOLD



PRESS "HOLD" TO PLACE THE 2ND PARTY ON HOLD



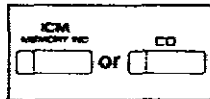
PRESS "CO" OR "ICM" WHOSE INDICATOR IS FLASHING SLOWLY



CONSULT WITH THE 1ST PARTY



PRESS "HOLD" TO PLACE THE 1ST PARTY ON HOLD



PRESS "ICM" OR "CO" WHOSE INDICATOR IS FLASHING SLOWLY



CONSULT WITH THE 2ND PARTY

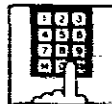
- To release the call splitting mode, press the CO or ICM button without pressing the HOLD button. Conversation will be terminated and call on hold will be returned to conversation.

Call Splitting—Intercom

Allows an extension user to alternate between two intercom parties.



PRESS "HOLD" TO PLACE 1ST PARTY ON HOLD



DIAL 2ND PARTY



CONSULT WITH THE 2ND PARTY WHILE THE 1ST PARTY IS ON HOLD



PRESS "HOLD" TO PLACE THE 2ND PARTY ON HOLD



CONSULT WITH THE 1ST PARTY



PRESS "HOLD" TO PLACE THE 1ST PARTY ON HOLD



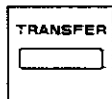
CONSULT WITH THE 2ND PARTY

- To release the call splitting mode, press the ICM button instead of the HOLD button. Conversation will be terminated and call on hold will be returned to conversation.

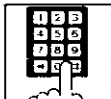
Call Transfer

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

■ To Transfer after the Other Extension Answers



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER
(21 through 28)



ANNOUNCE
AND WAIT
FOR AN
ANSWER



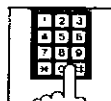
HANG UP

- 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 colour).

■ To Transfer without Announcing to the Other Extension



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER
(21 through 28)



HANG UP

■ To Retrieve the Call

If the other extension did not receive the transferred call within 30 seconds after the call has been transferred, the call will return to you. In this case: While the ring back is hearing,



LIFT THE HANDSET
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.

Paging

Paging All Extensions

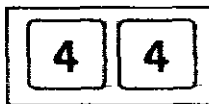
Allows paging to all extensions.

Paging can be heard from all proprietary telephones KX-T30830E, KX-T30820E, KX-T30850E, etc.

■ To Access



LIFT THE
HANDSET



DIAL "44"



CONFIRMATION
TONE OF
1 BEEP WILL
BE HEARD



PAGE



WAIT FOR AN
ANSWER
AND TALK

■ Page will be heard from built-in speaker.



Paging Group

Allows paging to either of two groups.

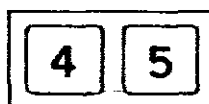
Paging can be heard from all proprietary telephones KX-T30830E, KX-T30820E, KX-T30850E, etc.

■ To Access

For Pickup Group 1



LIFT THE
HANDSET



DIAL "45"



CONFIRMATION
TONE OF 1 BEEP
WILL BE HEARD



PAGE



WAIT FOR AN
ANSWER
AND TALK

- For Pickup Group 2:
At step 2 above, dial 46 instead of 45.
- Page will be heard from built-in speaker.

If the dial tone (continuous tone) changes to reorder tone (intermittent tone) or a mistake is made, hang up and start again.

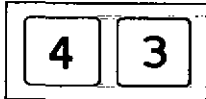
Paging-External

Allows access to external paging equipment.

■ To Access



LIFT THE HANDSET



DIAL "43"



CONFIRMATION TONE



PAGE



WAIT FOR CONFIRMATION TONE AND TALK

■ Page will be heard from external paging equipment.



Paging And Transfer

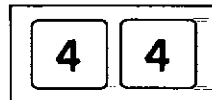
■ To Transfer a Call to the Paged Person



WHILE HAVING A CONVERSATION



PRESS "TRANSFER"



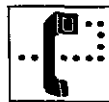
DIAL "44"



CONFIRMATION TONE



PAGE



WAIT FOR AN ANSWER



HANG UP

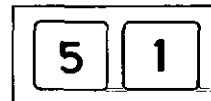
■ You may dial 43 instead of 44.

Answer

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



LIFT THE HANDSET



DIAL "51"



CONFIRMATION TONE



TALK

- 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 colour), instead of dialling 51.

Use of Other Features

Background Music

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

■ To Enable



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "751#"



HANG UP OR
PRESS
"MONITOR"

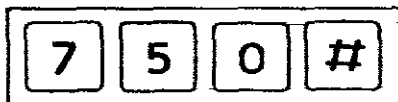


WILL HEAR
MUSIC

■ To Cancel



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "750#"

External Feature Access

Allows extension user to access features of the central office or host PBX. (e.g. CALL WAITING FEATURE can be supplied by CO.)

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



WILL HEAR A
CALL WAITING
TONE



PRESS
"RECALL"



CONSULT WITH
THE NEW CALLER
WHILE THE
ORIGINAL CALL
IS ON HOLD



PRESS
"RECALL"



CONSULT WITH
THE ORIGINAL
CALLER WHILE
THE 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 11.
- You may access some features of host PBX using the RECALL button. If KX-T30810BE is connected to host PBX and recall operation is required, follow the procedure of recall operation which is required in the host PBX.

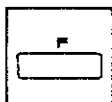
One Touch Access for System Features

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

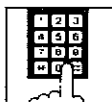
To Program

- Be sure the handset is in the cradle, the MONITOR button is off and a call is not reaching.
- Set the MEMORY switch of the KX-T30850E to "PROGRAM". The MEMORY indicator will flash slowly.

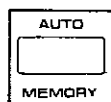
Example: Paging All Extensions (Dial 44)



PRESS
PROGRAMMABLE
FEATURE" (F1 through F3)



DIAL
"44"



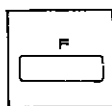
PRESS
"MEMORY"

- System feature described in the table on page 36 can be programmed into memory.
- After programming all the system features, return the MEMORY switch to "SET".

To Access



LIFT THE HANDSET
OR PRESS
"MONITOR"



PRESS
PROGRAMMABLE
FEATURE

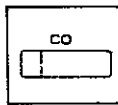
Executive Override

Allows a programmed extension to barge into or monitor an existing outside line conversation.

For programming, see page 2-36 in INSTALLATION MANUAL.



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



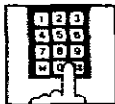
PRESS "CO"
WHOSE INDICATOR
IS RED

Use of Other Features (cont.)

Monitor Operation

During Monitor operation, the incoming voice can be monitored, but the outgoing voice will not be heard by the other party (this is mute operation).

■ For Monitor and Mute Operation



DIAL THE PHONE NUMBER WITH THE HANDSET ON-HOOK

or

While having a conversation using the handset;



PRESS "MONITOR"

- The other party's voice will be heard through the MONITOR speaker.
- Your voice will not be heard by the other party.

■ To Cancel Monitor and Mute Operation

When the handset is in the cradle:



LIFT THE HANDSET

- You can talk to the other party through the handset. If you press the MONITOR button instead of lifting the handset, the call will be terminated.

When the handset is being lifted:



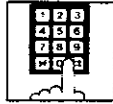
PRESS "MONITOR"

- 2-way conversations through the handset will be resumed.

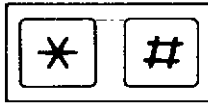
Pulse/Tone Conversion

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

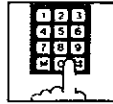
(e.g. computer-accessed long distance service)



DIAL THE
PHONE
NUMBER



DIAL "*" - "#"

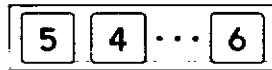
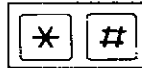
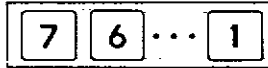


DIAL THE
PHONE
NUMBER

- When you dial using this feature, you must use the line set to a pulse mode.
Phone number after dialling "*" # " will be changed to tone mode.

■ **Example:** (Computer-accessed long distance service)

- Local access telephone number of the alternate long distance service company 765-4321, Authorization no. 0123456, Long distance no. 543-210-9876
- Pulse mode is required by local access telephone number of the alternate long distance service company.



■ **Pause time**

Pressing the PAUSE button once will provide a 3.5-second pause in the dialling sequence, and twice provide a 7-second pause.

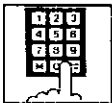
Intercom Alerting Mode

"Voice alerting" (through built-in speaker) that is established at the called party's extension, can be switched to "Tone alerting" (ringing). This feature is required to be set beforehand in the KX-T30810BE. For programming, see page 2-28 in INSTALLATION MANUAL.

■ **Switching to "Tone Alerting" Activation when "Voice Alerting" has been Established on the Called Party's Extension**



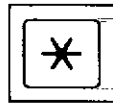
LIFT THE HANDSET
OR PRESS
"MONITOR"



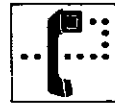
DIAL THE
EXTENSION
NUMBER
(21 through 28)



WAIT UNTIL A
CONFIRMATION
TONE IS HEARD



DIAL "*" - "#"



RING BACK
TONE

Station Programming

Call Forwarding

Intercom or outside calls to your extension can be automatically forwarded to any extension within the system.

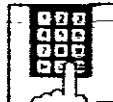
■ Setting



LIFT THE
HANDSET
OR PRESS
"MONITOR"



DIAL "71"



DIAL THE
EXTENSION
NUMBER
TO WHOM THE
CALL IS
FORWARDED



DIAL "#"



HANG UP OR
PRESS
"MONITOR"

■ To Cancel



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "70#"



HANG UP OR
PRESS
"MONITOR"

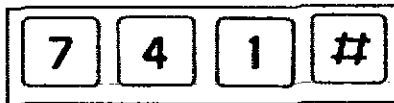
Data Line Security

This feature provides security when transmitting data through an extension of KX-T30810BE. The parallel connection of the KX-T30850E and a data terminal equipment is impossible.

■ Setting



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "741#"

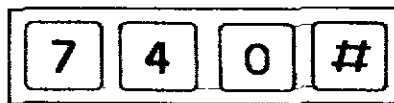


HANG UP OR
PRESS
"MONITOR"

■ To Cancel



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "740#"



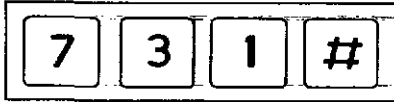
HANG UP OR
PRESS
"MONITOR"

Dial Call Pickup Deny

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



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "731#"

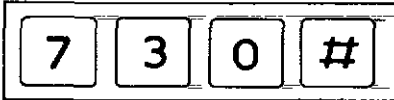


HANG UP OR
PRESS
"MONITOR"

■ To Cancel



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "730#"



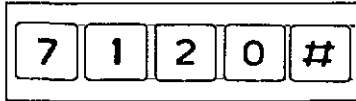
HANG UP OR
PRESS
"MONITOR"

Do Not Disturb

Each extension can be individually programmed from receiving intercom or outside calls.



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "7120#"

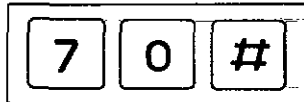


HANG UP OR
PRESS
"MONITOR"

■ To Cancel



LIFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "70#"



HANG UP OR
PRESS
"MONITOR"

Station Programming (cont.)

Station Program Clear

Dialling (79#) will clear station programs on that extension.



LEFT THE HANDSET
OR PRESS
"MONITOR"



DIAL "79#"



HANG UP OR
PRESS
"MONITOR"

■ The following feature can be cancelled.

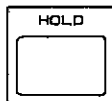
- Dial Call Pickup Deny
- Background Music
- Do Not Disturb
- Call Forwarding
- Data Line Security

Example of Operation

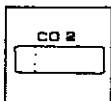
■ To Place a Call on Hold, and to Make Another Call

Example (CO line):

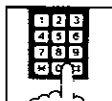
Call in progress CO 1
 New call CO 2



PRESS
"HOLD"



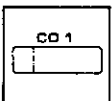
PRESS
"CO 2"



MAKE A
NEW CALL



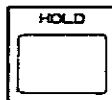
CONSULT WITH
THE NEW
CALLER
WHILE THE
CALL ON CO 1
IS ON HOLD



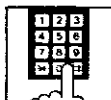
PRESS "CO 1"
TO TERMINATE
THE CALL ON CO 2
AND TO RETURN
TO THE CALL
ON CO 1

Example (Intercom):

Call in progress on extension 22
 New call on extension 23



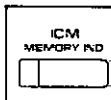
PRESS
"HOLD"



DIAL THE
EXTENSION
NUMBER 23



CONSULT WITH
THE NEW
CALLER
WHILE
EXTENSION
22 IS ON
HOLD

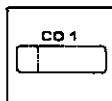


PRESS "ICM"
TO TERMINATE
THE CALL ON
EXTENSION
23 AND TO RETURN
TO THE CALL ON
EXTENSION 22

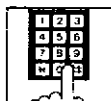
To Make a Call and Transfer a Called Party to Another Extension

Example:

Call in progress CO 1
 Extension to whom a call is transferred .. Extension 22



PRESS
"CO 1"



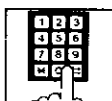
MAKE A
CALL



WHEN THE
OTHER PARTY
ANSWERS,
LIFT THE
HANDSET
AND TALK



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER 22



ANNOUNCE
AND WAIT FOR
AN ANSWER



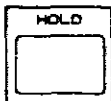
HANG UP

Example of Operation (cont.)

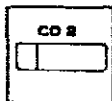
■ To Place One Call on Hold and Transfer the New Call to an Extension

Example:

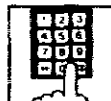
Call in progress CO 1
 New call CO 2
 Extension to whom a call is transferred Extension 22



PRESS
"HOLD"



PRESS
"CO 2"



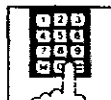
MAKE OR
RECEIVE A
NEW CALL



CONSULT WITH
THE NEW
CALLER
WHILE THE
CALL ON CO 1
IS ON HOLD



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER 22



HANG UP

- CO 2 call is now transferred to extension 22.
- CO 1 call is still on hold

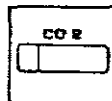
■ To Place Three Calls on Hold, Transfer Two of the Calls to Extensions and Talk to Call on Hold

Example:

Call in progress CO 1
 New call CO 2, CO 3
 CO 1 is transferred to extension 24.
 CO 2 is transferred to extension 25.



PRESS
"HOLD"



PRESS
"CO 2"



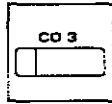
MAKE OR
RECEIVE A
NEW CALL



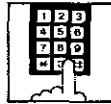
CONSULT WITH
THE NEW
CALLER
WHILE THE
CALL ON CO 1 IS
ON HOLD



PRESS
"HOLD"



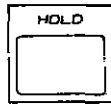
PRESS
"CO 3"



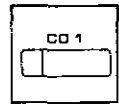
MAKE OR
RECEIVE A
NEW CALL



CONSULT WITH
THE NEW
CALLER
WHILE THE CALL
ON CO 2 IS
ON HOLD



PRESS
"HOLD"



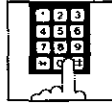
PRESS
"CO 1"



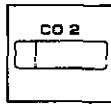
CONSULT WITH
THE CALLER ON
CO 1 WHILE THE
CALLER'S ON
CO 2 AND CO 3
ARE ON HOLD



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER 24



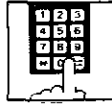
PRESS
"CO 2"



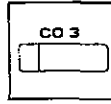
CONSULT WITH
THE CALLER ON
CO 2 WHILE THE
CALLER ON
CO 3 IS ON
HOLD



PRESS
"TRANSFER"



DIAL THE
EXTENSION
NUMBER 25



PRESS
"CO 3"



TALK

- The call on CO 1 is now transferred to extension 24.
- The call on CO 2 is now transferred to extension 25.
- 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 placing on hold.

Busy Lamp Field

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

●ICM indicator light

Light	Status
off	idle
on	in use for intercom
slow flashing	on hold
flashing in groups of 2	on exclusive hold
quick flashing	receiving

●MEMORY indicator lights during program mode

Light	Status
slow flashing	<ul style="list-style-type: none"> ●When the MEMORY switch is set to "PROGRAM". ●When the MEMORY button is pressed after entering a phone number.
off	<ul style="list-style-type: none"> ●When the PROGRAMMABLE FEATURE button is pressed to program a phone number. ●When the MEMORY switch is returned to "SET".

●CO indicator light

Light	Status
off	idle
on (green colour)	in use
slow flashing (green colour)	on hold
flashing in groups of 2 (green colour)	on exclusive hold
on (red colour)	in use at another extension
slow flashing (red colour)	on hold at another extension
quick flashing (red colour)	receiving

Table of System Features

The following system features can be programmed into memory.

Dial Plan Code	System Features
Extension no. (21 through 28)	Individual Inter Office Calling
4 1 or 4 2	Calling Doorphone 1 or Doorphone 2
4 3	Paging-External
4 4	Paging All Extensions
4 5 or 4 6	Paging Group 1 or 2
5 0	Dial Call Pickup
5 Extension no. (21 through 28)	Directed Call Pickup
5 1	Paging Answer
6 Extension no. (21 through 28)	Call Park Retrieve
0	Camp-on
7 0 #	Cancelling Call Forwarding or Do Not Disturb
7 1	Call Forwarding
Extension no. (21 through 28) #	
7 1 2 0 #	Do Not Disturb
7 3 0 #	Cancelling Dial Call Pickup Deny
7 3 1 #	Dial Call Pickup Deny
7 5 0 #	Cancelling Background Music
7 5 1 #	Background Music



Troubleshooting Guide



Problem

Cause & Remedy

The unit does not ring.

Ringer Volume Selector is set to "OFF". Set to "HIGH" or "LOW".

The unit does not operate during power interruption.

This is normal. We recommend to use a telephone which can work even during a power failure as an extension 22 or 23.

I have transferred a call to the 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 placed a call on hold and hung up once, then seized a line and tried to place a call on exclusive hold, but I can not.

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

I can seize a CO line but can not make a call.

The CO line which you used is set the Toll Restriction. We recommend to use another CO line to which the Toll Restriction has not been setting.

"In the event of a power failure, KX-T30850E does not operate."

For your future reference

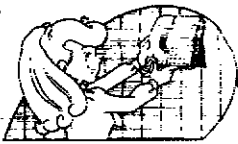
SERIAL NO. _____ DATE OF PURCHASE _____

(found on the bottom of the unit)

NAME OF DEALER _____

DEALER'S ADDRESS _____





Wall Mounting

This unit can be mounted on a wall phone plate.

To rotate the handset guide for wall mounting

1. Pull up in the direction of arrow (A).
2. Set by rotating as shown.

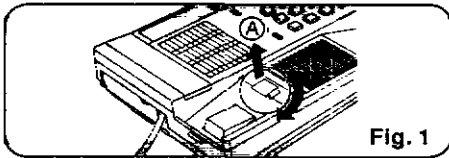


Fig. 1

To temporarily place the handset down during a conversation, hook as shown.

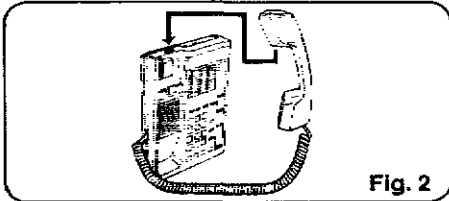


Fig. 2

To mount the unit on a wall phone plate

1. Remove the rest by pulling in the direction of the arrow (B) while pushing the two snap tabs simultaneously in the direction of the arrow (A), as shown in Fig. 3.
2. Insert the hooks of the rest into the hole of the unit then replace rest by pushing it in the direction of the arrow (C), as shown in Fig. 4.
3. Connect the telephone cord to the unit.

4. Mount the unit to the wall phone plate then seat securely by hooking as shown in Fig. 5.
5. Connect the cord to the telephone line jack.

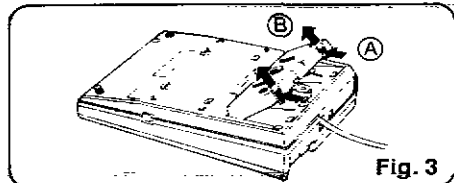


Fig. 3

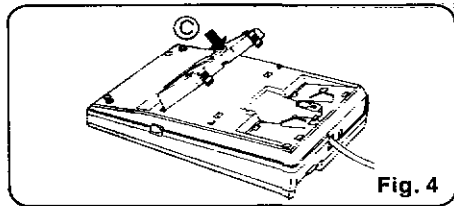


Fig. 4

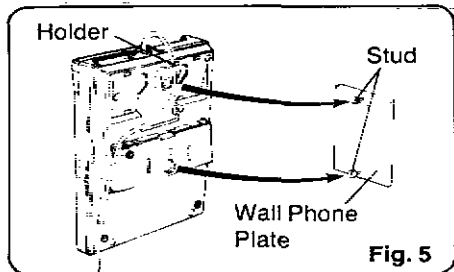
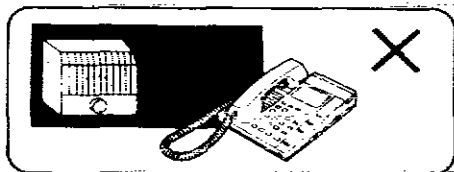


Fig. 5

When you want to connect the unit to a wall phone plate using a short telephone cord, have a house-wiring installed by the telephone company or a qualified installer, purchase a short telephone cord of 4-conductor and connect the cord to a wall phone plate.



- 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, do not reconnect the unit to the extension line until the trouble has been repaired. If the known working telephone does not operate properly, check the Electronic Modular Switching System (KX-T30810BE).
 - 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 benzene, 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-T30850E use.



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