Panasonic

Digital Proprietary Telephones for Digital Super Hybrid Systems

Operating Instructions

Model KX-T7425 KX-T7433 KX-T7436 KX-T7450



Please read this manual before using the Digital Proprietary Telephone.

Thank you for purchasing a Panasonic Telephone.

Accessories

When unpacking, check the following items.

Handset	one
Telephone line cord	one
Handset cord	
Overlay	
Card holder with memory station card	

Note:

- In this manual, the suffix of each model number is omitted.
- This device is equipped with pulse dialling while the telecom standard is DTMF tone dialling. There is no guarantee that the Telecom Lines will always continue to support pulse dialling.*

Caution

When using the KX-T7400 series, keep the following conditions in mind.

- If there is any problem, unplug the extension line and connect a known working phone. If the known working phone operates properly, have the defective phone repaired by a specified Panasonic Factory Service Centre. If the known working phone does not operate properly, check the Digital Super Hybrid System and the internal extension wiring.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than a Panasonic handset.

WARNING:

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

- When a failure occurs which results in the internal parts becoming accessible, disconnect the telephone line cord immediately and return this unit to service center.
- This equipment shall not be set to make automatic calls to telecom 111 Emergency service.*

IMPORTANT NOTICE:

Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use in emergencies.

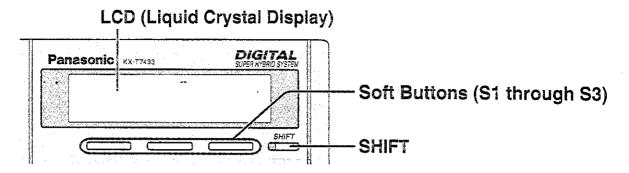
^{*} The regulation is applied in New Zealand only.

Contents

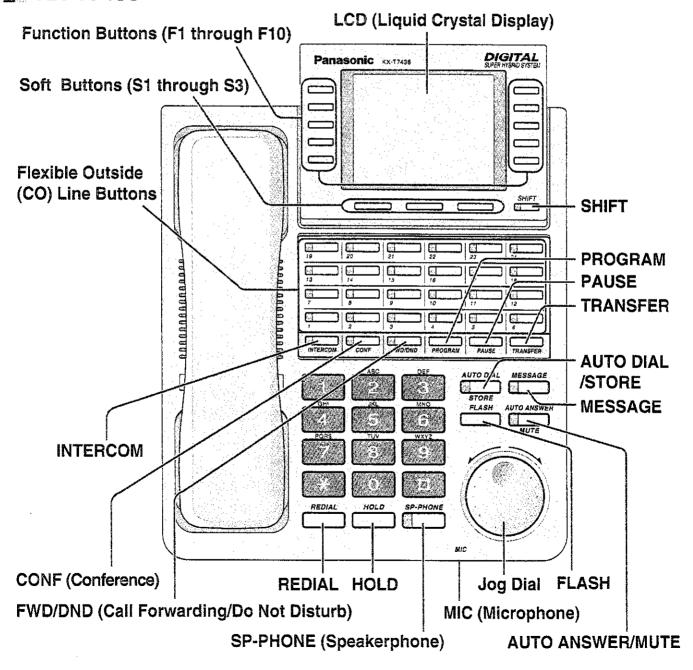
Location of Controls	
Getting Started	. 4
Connection	. t
Controlling the volume/adjusting the display contract	. 6
Controlling the volume/adjusting the display contrast	. /
Description of the symbols	. 7
Making Calls	. 8
Calling	. 8
Speed dialing	. 8
One-touch dialing	. 8
Dialing the last number you dialed (Last Number Redial)	. 8
Receiving Calls	. 9
Receiving calls	. 9
Handsfree answerback	. 9
Picking up a call for someone else (Call Pickup)	. 9
When the Dialed Extension is Busy/No Answer	10
Reserving a busy line (Automatic Callback Busy)	10
Leaving a call notification (Message Waiting)	. 10
Calling Back	11
When you receive a notification (Message Waiting)	11
Calling using the call log (Incoming Call Log)	11
During a Conversation	12
Placing a call on hold	12
Off-hook Monitor	. 12 19
Transferring a call	. 12 12
Paging	. IO
Paging a person and transferring a call	. IO
Answering an announced page	. 14 11
Answering a call waiting	14. مہ
Useful Features	
Forwarding your calls (Call Forwarding)	. 15
Preventing others from disturbing you (Do Not Disturb [DND])	. 15
Three-party conversation (Conference)	1/
Ringing tone selection for CO buttons	.1/
Storing numbers for One touch dialing	18
Storing numbers for One-touch dialing	.18
How to Use the Display	19
Using the Jog Dial	19
KX-T7433	20
KX-T7436	22
Storing in Speed Dialing	24
Storing names and numbers at your extension for personal use	24
Storing names and numbers in the system	26
Wall Mounting	27
Installing the Card Holder	28
Features List	29

Location of Controls

KX-T7433



KX-T7436

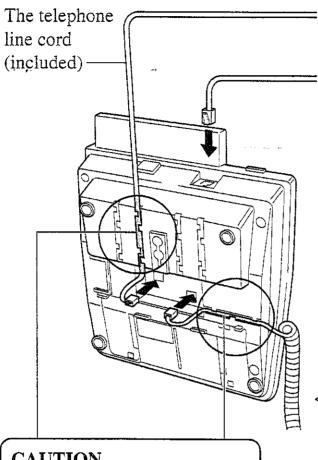


^{*} The display is not available for the KX-T7425. The display and Microphone are not available for the KX-T7450.

AUTO ANSWER MUTE	AUTO ANSWER Used to answer an intercom call automatically.	INTERCOM	INTERCOM Used to make or receive intercom calls.
VOICE CALL MUTE	VOICE CALL (KX-T7450 only) Used to monitor an intercom call automatically. MUTE		Jog Dial Used to search the stored telephone numbers or system features and adjust the volume or the display contrast.
	Used to listen to the other party without them hearing you. You can mute the handset microphone or the microphone.	MESSAGE	MESSAGE Used to leave a notification or call back the party who left the notification.
AUTO DIAL STORE	AUTO DIAL/STORE Used for speed dialing in the system or storing program changes.	PAUSE	PAUSE Used to insert a pause in speed dial numbers or in other numbers.
CONF	CONF Used to make a three-party conference.	PROGRAM	PROGRAM Used to enter and exit the programming mode.
FLASH	FLASH Used to disconnect the current call and make another call with holding the	REDIAL	REDIAL Used to redial. SHIFT
	Flexible Outside (CO) Line Button Used to make or receive an outside	SHIFT	Used to alternate the sub function on the display.
	call, or access a feature if the button is assigned as a One-touch dialing button.		Soft Button Used to perform the function or operation that appears on the bottom
	Function Button Used to perform the displayed function or operation.	SP-PHONE	line of the display.
FWD/DND	FWD/DND Used to perform Call Forwarding or Do Not Disturb.	MONITOR	Used for the handsfree operation. MONITOR (KX-T7450 only) Used for the handsfree dialing. You can monitor the party's voice
HOLD	HOLD Used to place a call on hold.	TRANSFER	TRANSFER Used to transfer a call to another party.
	- For KX-T7433 and KX-T7436	Users -	
Th	ne display can be adjusted. 1 Press the LCD ADJ button. 2 Lift or put down the display.	·	Display LCD ADJ button

Getting Started

Connection



- → Connect to a Digital Super Hybrid System (TO MAIN UNIT).
- → Connect to a standard telephone jack (TO TEL), telephone answering machine, or fax for XDP* or parallel connections.
 - * For more details about XDP, consult with your dealer.

< Back view >

CAUTION

Ensure the cords are inserted in the grooves to prevent damage to the connectors.

Helpful hints for the handsfree operation

If the other party's voice is difficult to hear:

Raise the sound level using the speaker volume control.

• If the other party has difficulty hearing you:

Lower the speaker volume.

• Absorbing echoes:

Use this unit in a room which has curtains and/or carpeting.

• To avoid missing part of the conversation:

If you and the other party speak at the same time, parts of your conversation will be lost. To avoid this, speak alternately.

Controlling the volume/adjusting the display contrast

Speaker volume

- 1 Press the SP-PHONE/MONITOR button.
- 2 Rotate the **Jog Dial** in the desired direction.

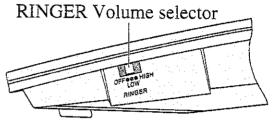
Handset/Headset volume

- Lift the handset.
 (Press the SP-PHONE/MONITOR button for headset volume.)
- 2 Rotate the **Jog Dial** in the desired direction.

For KX-T7425 and KX-T7450 Users

Ringer volume

1 Adjust the RINGER Volume selector lever to the desired setting (OFF/LOW/HIGH).



<Side view of the KX-T7425 and KX-T7450>

For KX-T7433 and KX-T7436 Users

Display contrast

While on-hook or during a conversation

- 1 Press the CONT (S1) button.
 - Display: Contrast: ***
- 2 Rotate the **Jog Dial** in the desired direction.

Ringer volume

While idle and on-hook

- 1 Press the **RING** (S2) button.
 - Display: Ringer: ***
- 2 Rotate the Jog Dial in the desired direction.

Description of the symbols

In this manual, many symbols are used. Some of the symbols are described below.



Off-hook

- Lift the handset.
 - or
- Press the SP-PHONE button.
- Press the MONITOR button. (To start talking, lift the handset.)



Press the desired number keys on the telephone.



On-hook

- Replace the handset.
 - OI
- Press the SP-PHONE button.
 - OI
- Press the MONITOR button.

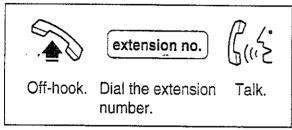


Various tones are heard depending on the operation.

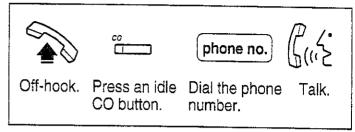
Making Calls

Calling

To an extension

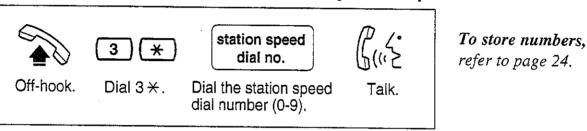


To an external party

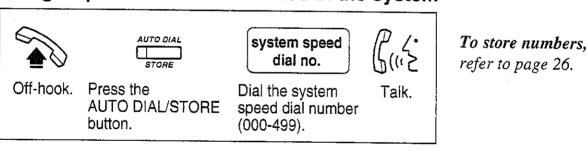


Speed dialing

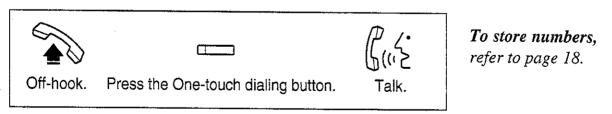
Using a speed dial number stored in your telephone



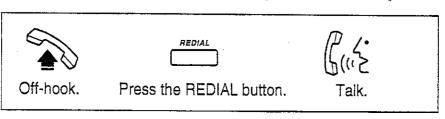
Using a speed dial number stored in the system



One-touch dialing

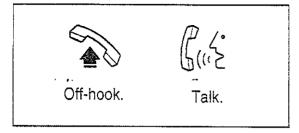


Dialing the last number you dialed (Last Number Redial)



Receiving Calls

Receiving calls



If your telephone rings,

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

(Default: The ringing line is selected.)

• Press the rapid flashing green outside (CO) line button or rapid flashing INTERCOM button.

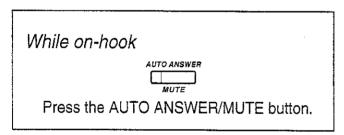
Handsfree answerback

You can answer an intercom call without lifting the handset.

The AUTO ANSWER/MUTE button light shows the current status as follows.

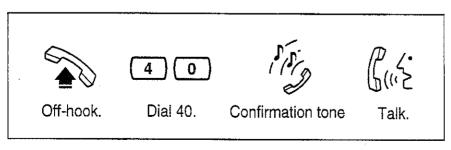
On: Set
Off: Not set

To set / cancel



Picking up a call for someone else (Call Pickup)

You can answer an incoming call that is ringing at another extension from your telephone. A call within your extension group can be picked up.

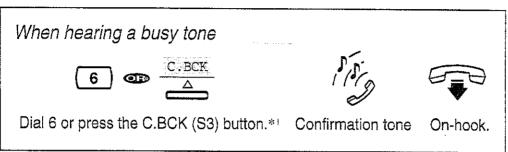


When the Dialed Extension is Busy/No Answer

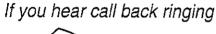
Reserving a busy line (Automatic Callback Busy)

You can receive a notification when a busy extension becomes free. To answer the notification, lift the handset or press the SP-PHONE/MONITOR button. The called extension starts ringing automatically.

To set



To answer and call*2





The extension is called automatically.

- *1 The C.BCK (S3) button is only available for KX-T7433 and KX-T7436 users.
- *2 If you do not answer after four callback rings, this feature will be canceled.

Leaving a call notification (Message Waiting)

When the called extension is busy or does not answer, you can leave a notification to have the called extension call you back.

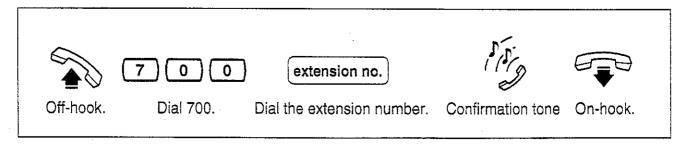
To leave a notification

When the called extension is busy or does not answer

MESSAGE

Press the MESSAGE button. Confirmation tone On-hook.

To cancel a notification



Calling Back

When you receive a notification (Message Waiting)

The MESSAGE button lights to let you know that a call has been received.

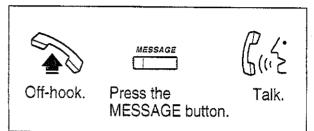
To check and select the party (display telephone only)

While on-hook

MESSAGE

Press the MESSAGE button until the desired message appears.

To call back



To clear all notifications



Off-hook.

7

00

Dial 700.

your extension no.

Enter your extension number.

Confirmation tone



On-hook.

Calling using the call log (Incoming Call Log)

(KX-T7433/KX-T7436 only)

If you do not answer a call, your telephone automatically records the incoming outside call information with the CLIP (Calling Line Identification Presentation) service*. You can also record the existing call during a conversation or call back the logged numbers. To confirm or call back using the call log, refer to pages 21 (for KX-T7433) and 23 (for KX-T7436).

* The CLIP service provides you with the caller's telephone number. For more details, consult with your dealer.

To record the information of an existing call

During a conversation

Press the LOG (S2) button.

During a Conversation

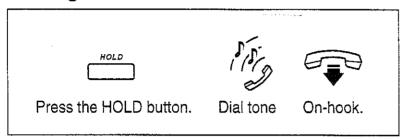
Placing a call on hold

The corresponding outside (CO) line button or the INTERCOM button lights show the current status as follows.

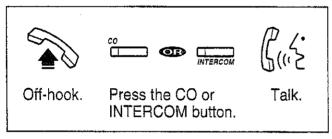
Flashing green slowly: Your held call

Flashing red slowly: Another extension's held call

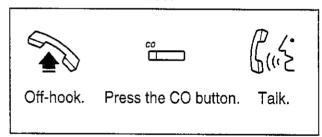
Holding



To retrieve a call at the holding extension*1



To retrieve an outside call from another extension*1

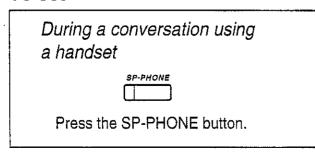


^{*1} If a call is not retrieved within a specified time, you will hear an alarm as a reminder.

Off-hook Monitor (KX-T7433/KX-T7436 only)

You can make other users listen to the conversation through the built-in speaker, while continuing the conversation using the handset.*2

To set



To cancel

When the off-hook monitor mode is established

SP-PHONE

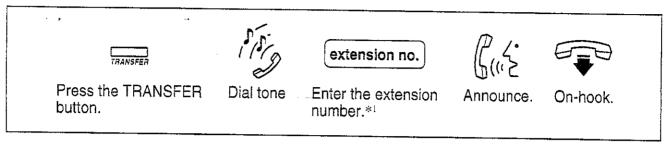
Press the SP-PHONE button.

^{*2} This is only available during a conversation with the handset.

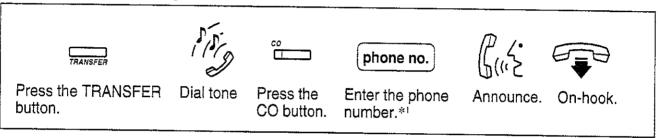
Transferring a call

Using the TRANSFER button

To an extension



To an external party *2



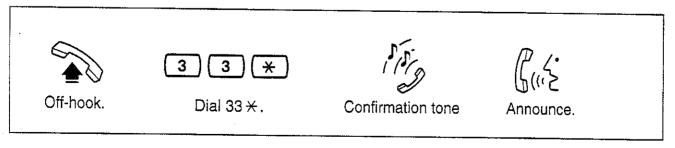
^{*1} To retrieve the held call, press the TRANSFER button, corresponding Outside (CO) line button, or the INTERCOM button.

Through Paging

Refer to page 14, "Paging a person and transferring a call".

Paging

You can make a voice announcement to all people in the office through the telephone speaker and external speaker at the same time.



^{*2} Transferring a call to an external party may be restricted by System Programming.

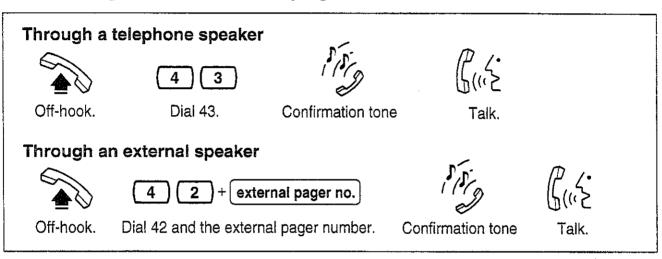
During a Conversation

Paging a person and transferring a call

During a conversation

Press the Dial 33 * Confirmation Announce TRANSFER tone and wait for an answer.

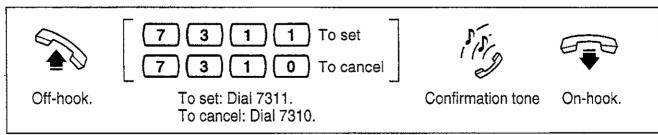
Answering an announced page



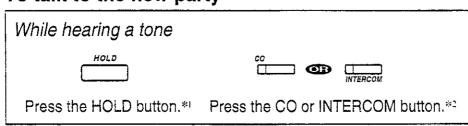
Answering a call waiting

During a conversation, a call waiting tone occurs when an outside call is received or another extension is letting you know that another call is waiting. (Default: Cancel)

To set / cancel



To talk to the new party



- *1 If you terminate the current call,
 disregard this step.
 *2 If both parties are
- *2 If both parties are extensions, disregard this step.

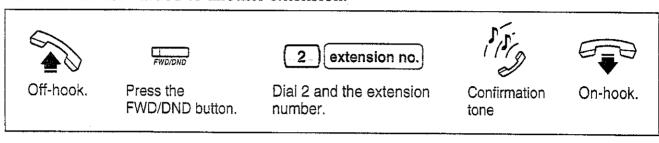
Useful Features

Forwarding your calls (Call Forwarding)

You can have your incoming calls forwarded to another extension or external party.

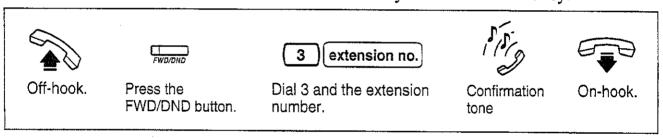
All calls

All calls are forwarded to another extension.



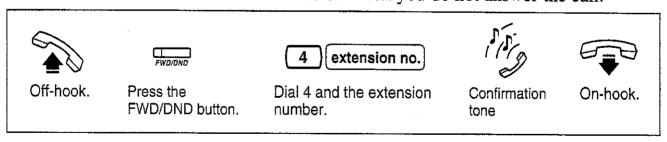
Busy

All calls are forwarded to another extension when your extension is busy.



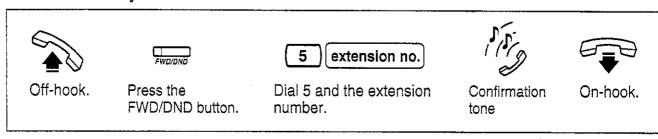
No answer

All calls are forwarded to another extension when you do not answer the call.



Busy/No answer (BSY/NA)

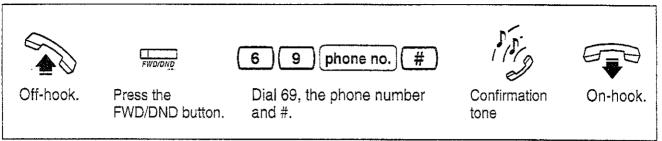
All calls are forwarded to another extension when you do not answer or when your extension is busy.



Useful Features

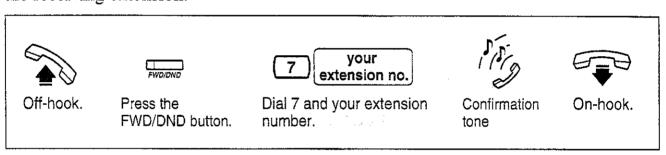
To outside (CO) line

All calls are forwarded to an external party. Some extensions may be restricted.

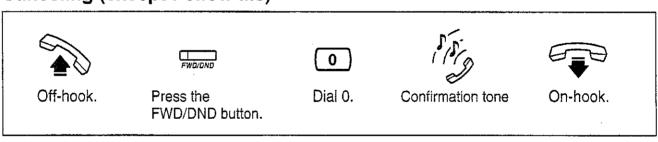


Follow Me (From)

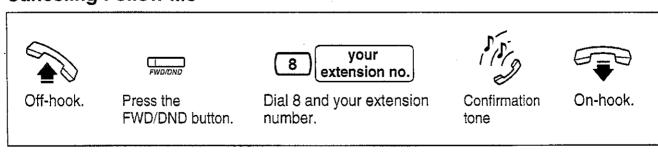
All calls are forwarded to another extension which you set to receive your calls at the receiving extension.



Canceling (except Follow Me)

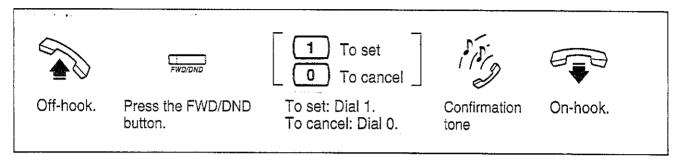


Canceling Follow Me



Preventing others from disturbing you (Do Not Disturb [DND])

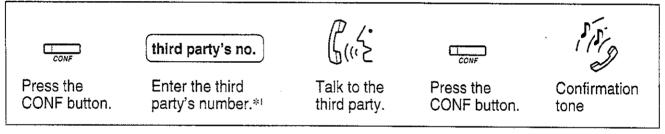
During a meeting or when you are busy, you can refuse an incoming call.



Three-party conversation (Conference)

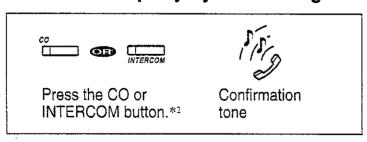
You can add another party during a conversation.

Adding a third party during a conversation



^{*} To add an external party, press an outside (CO) line button and dial the phone number.

To talk to one party by terminating the other





Leaving a conference

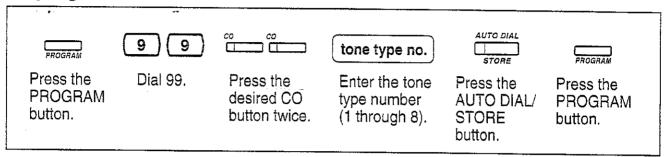
^{*2} This is only available for a combination of one extension and two outside (CO) lines or two extensions and one outside (CO) line.

Useful Features

Ringing tone selection for CO buttons

You can select the desired ringer frequency for each outside (CO) line button.

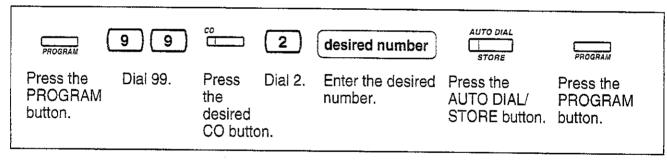
To program



Storing numbers for One-touch dialing

The stored number is dialed automatically by pressing an outside (CO) line button which is assigned as a one-touch dialing button.

To program



How to Use the Display

Using the Jog Dial

Using the display message and the Jog Dial, KX-T7433, KX-T7436 users can make a call or operate the features without programming the feature numbers.

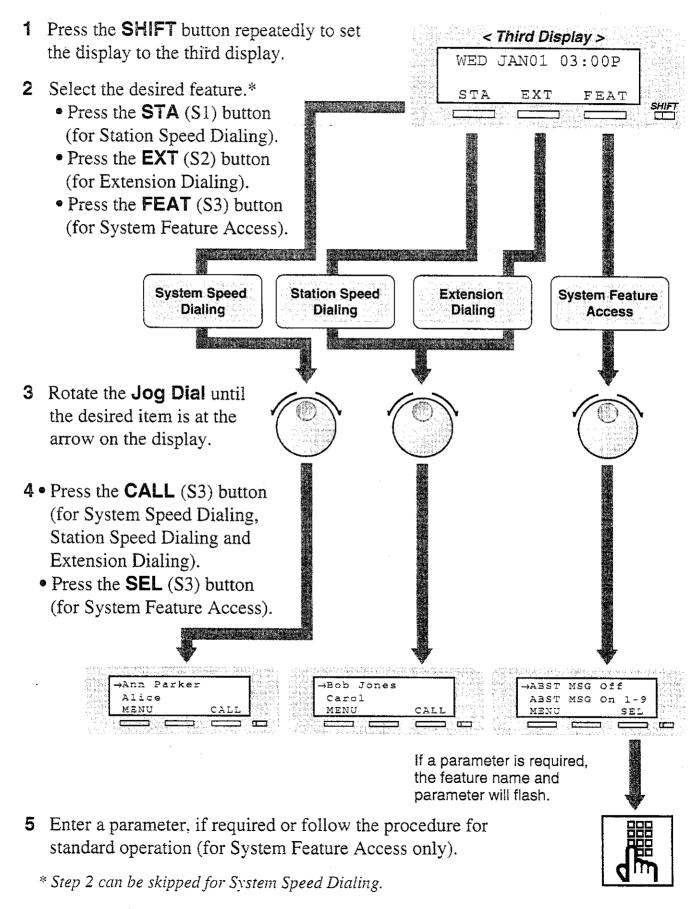
Extension Dialing	You can make an intercom call using the directory.	Only items which have a name assigned are displayed in alphabetical order.
System Speed Dialing	You can make a call to a party stored in the system using the directory.	
Station Speed Dialing	You can make a call to a party stored in your telephone using the directory.	Items which have a name assigned are displayed by priority in stored order. If a name is not assigned, the number is displayed.
System Feature Access	You can access the features which are displayed in alphabetical order.*	

^{*} For more details about the accessible features, refer to your Digital Super Hybrid system manual or consult with your dealer.

How to Use the Display

KX-T7433

Operating the feature

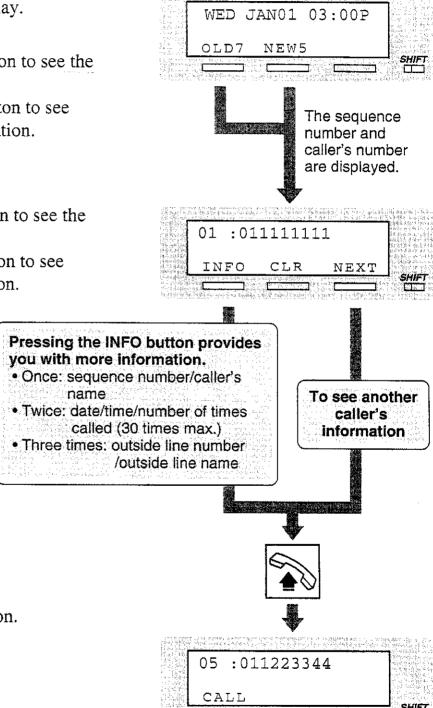




< Second Display >

Confirming and calling back using the call log

- 1 Press the **SHIFT** button to set the display to the second display.
- 2 Select the desired call log.
 - Press the **OLD** (S1) button to see the confirmed information.
 - Press the **NEW** (S2) button to see the unconfirmed information.
- **3** Press the **INFO** (S1) button to see the information in detail.
 - Press the **NEXT** (S3) button to see another caller's information.

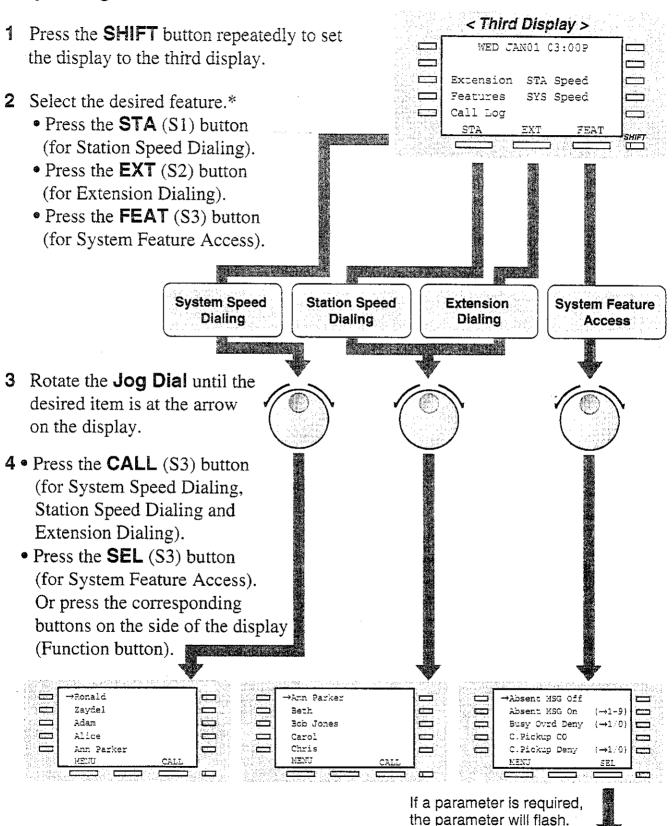


- 4 Off-hook.
- **5** Press the **CALL** (S1) button.

How to Use the Display

KX-T7436

Operating the feature

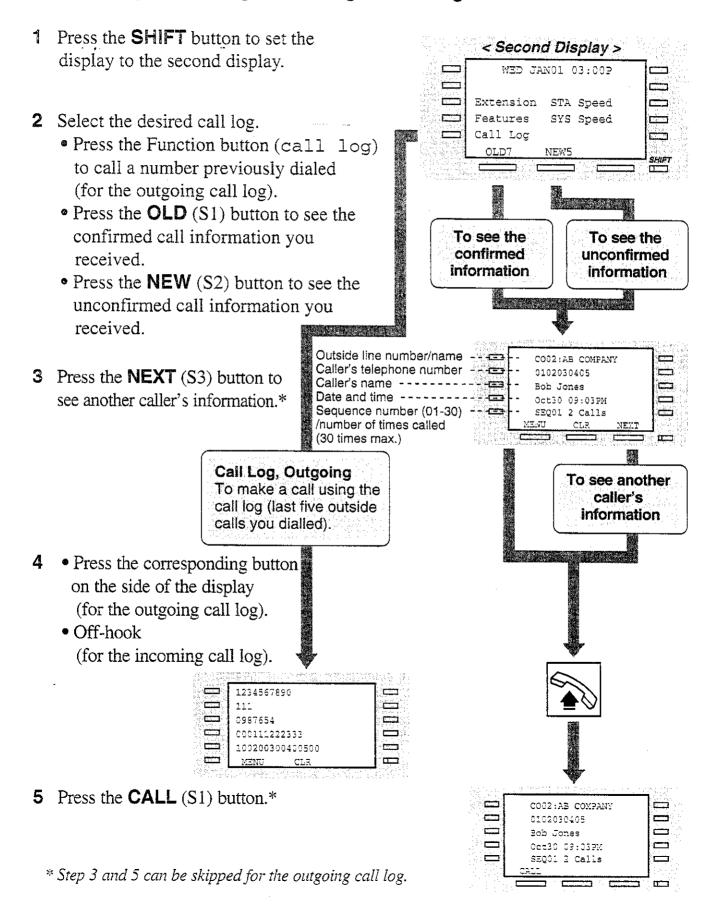


* Step 2 can be skipped for System Speed Dialing.

operation (for System Feature Access only).

5 Enter a parameter if required or follow the procedure for standard

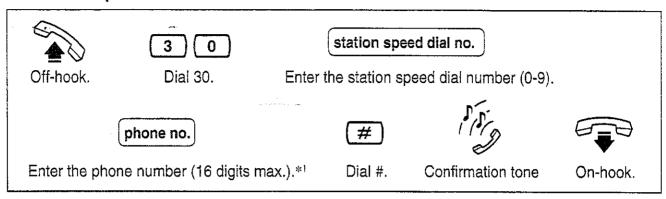
Confirming and calling back using the call log



Storing in Speed Dialing

Storing names and numbers at your extension for personal use

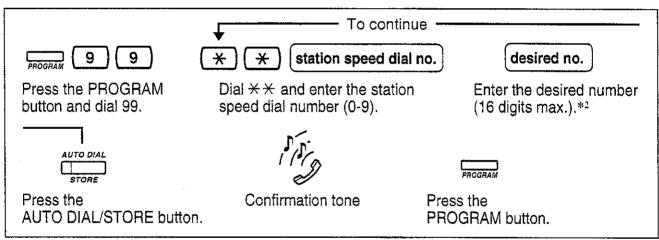
To store a phone number



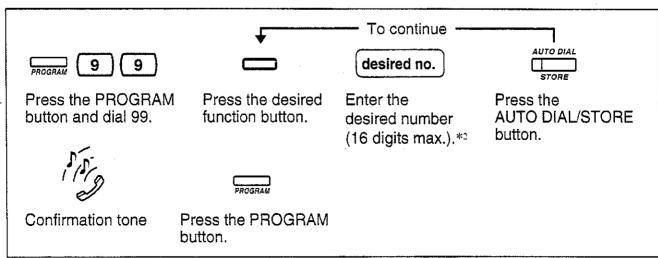
^{*}I "* " and PAUSE can be also stored as digits.

To store a phone number

- For KX-T7433 users



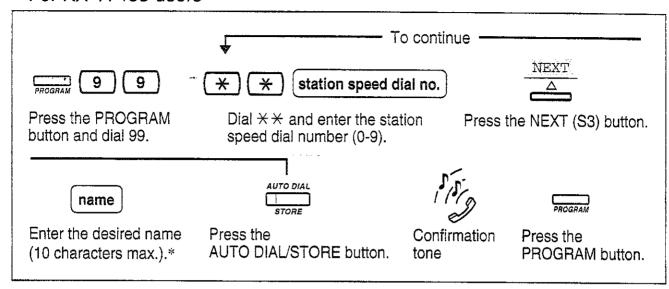
- For KX-T7436 users



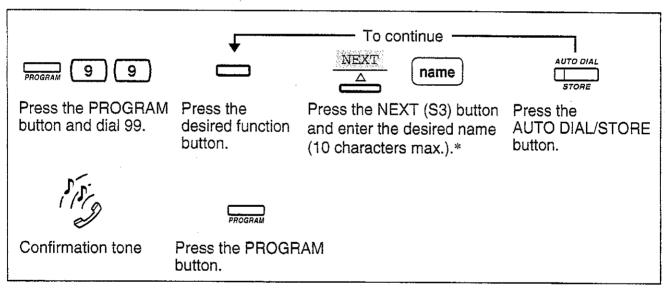
*2 "*X", "#", FLASH, SECRET (INTERCOM), -(CONF) and PAUSE can be also stored.

To store a name

- For KX-T7433 users



- For KX-T7436 users



^{*} To enter characters, press 2 and rotate the Jog Dial to select the character. You can continue entering characters by pressing 2 and using the jog dial repeatedly. To correct a wrong entry, press the TRANSFER button and enter the new one.

Example: To enter "Mike"

- 1 Press 2, rotate the Jog Dial to enter "M".
- 2 Press 2, rotate the Jog Dial to enter "i".
- **3** Press 2, rotate the Jog Dial to enter "k".
- 4 Press 2, rotate the Jog Dial to enter "e".

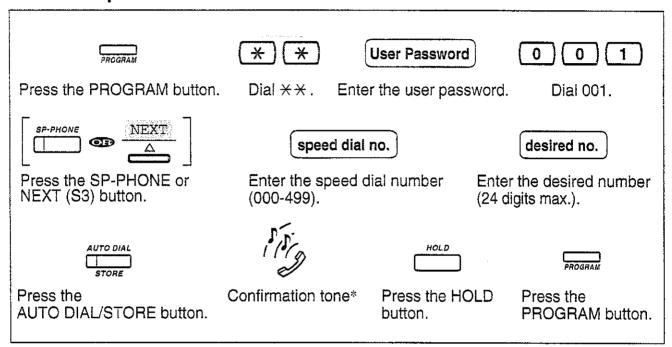
Storing in Speed Dialing

Storing names and numbers in the system

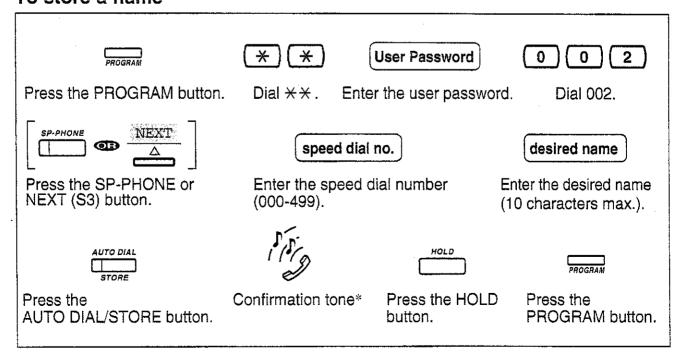
(KX-T7433/KX-T7436 only)

As the stored numbers can be used by all of the users in the system, confirm the stored entries with other users.

To store a phone number



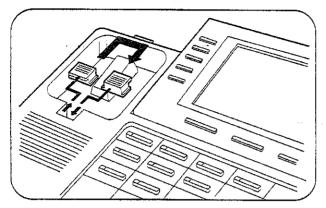
To store a name



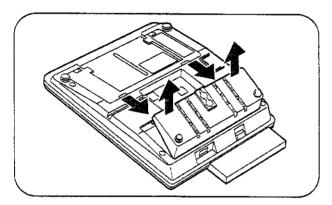
^{*} You can continue entering the number/name by pressing the NEXT (S3) or SP-PHONE button after the confirmation tone.

Wall Mounting

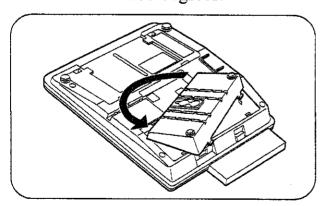
Remove the handset hook by pulling it toward the top of the unit. Turn it around and re-insert it.



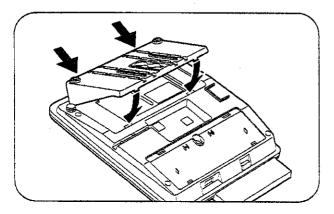
2 Remove the attached stand.



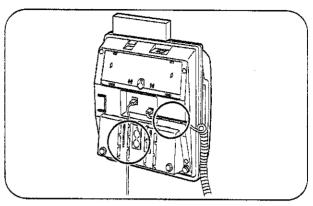
3 Turn it around 180 degrees.



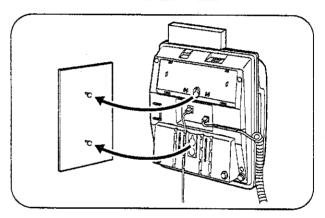
4 Insert the stand in the center slots.



5 Insert the included telephone line and handset cords. (Ensure the cords are inserted in the grooves to prevent damage to the connectors.)

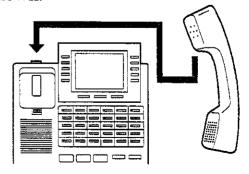


6 Mount the unit on the wall.



To temporarily place the handset down during a conversation,

hook it over the top edge of the phone as shown.

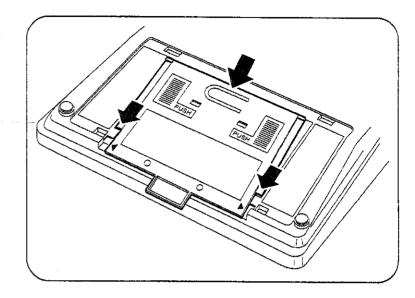


* The illustrations used in this page are a KX-T7436.

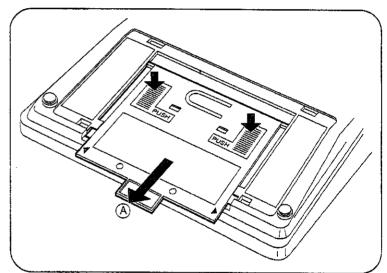
Installing the Card Holder

The KX-T7425 is equipped with a card holder with memory station card. Follow the instructions below to install the card holder to the unit.

1 Place the card holder edges so that they can be inserted under the slide rails on the unit.

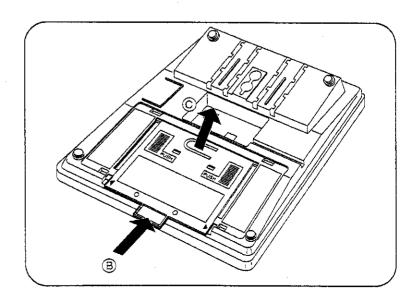


While pushing on the areas marked "PUSH", insert the edges of the holder under the slide rails and then slide in the direction of arrow (A).



Remove the card holder:

Push the card holder in the direction of arrow ®. Then, while pressing on the tab, pull the top of the holder in the direction of arrow ©.



Features List

Desired Function	Operation
Setting Absent Message	7 5 0 ► message no. ► 3
Account Code Entry	4 9 ► account code + # ► 9 / E phone no.
Sending a Call Waiting tone (BSS)	While hearing a busy tone 1 ▶ Wait for an answer. ▶ ((4) ≥
Forwarding a call	All Calls 2
Holding a call	Holding To retrieve a call at the holding extension HOLD HOLD NITERCOM TO RETRIEVE A CALL AT THE HOLDING EXTENSION NITERCOM NITERCOM TO RETRIEVE A CALL AT THE HOLDING EXTENSION
Holding a call exclusively	Holding To retrieve a call on exclusive hold **POLO PHOLO
Parking a call in the system	TRANSFER ► 5 2 ► parking zone no. ►
Picking up a call	1 0 ► ((4)
Transferring a call	extension no. to an extension co phone no. to an external party Announce.
Call Waiting	7 3 1 1 Set 7 3 1 0 Cance!
Three-party conference	third party's no. ► (1/2 > CONF

Features List

Desired	Function	Operation
Paging		All extensions & Survey
Do Not Dis	turb (DND)	Set O Cancel D Cancel
Locking your extension		T 7 lock code lock code Lock T 7 lock code Unlock Unlock
Clearing th	e setting	\$ ► 7 9 0 ► \$
Message Waiting	Sender	To leave a notification MESSAGE To cancel a notification ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
	Receiver	To call back MESSAGE Compared to the content of the content o
Calling an operator		→ • • • • • • • • • • • • • • • • • • •
Connecting parallel	g an SLT in	\$ ■ 3 9 1 Set
Calling a pre- programmed party (Pickup Dialing)		To store 7 4 2 phone no. # To set / To cancel 7 4 1 Set 7 4 0 Cancel To dial
Speed dialing (Station)		To set 3 0 ► station speed dial no. ► phone no. ► # ► Fro dial To dial Station speed dial no. ► ((1))
Speed dialing (System)		System speed dial no. ► (4)

^{*} Some feature numbers can be changed by System Programming. For more details, consult with your dealer.

	For your future reference
	SERIAL NO. — DATE OF PURCHASE — (found on the bottom of the unit)
	NAME OF DEALER
111-111-1	DEALER'S ADDRESS