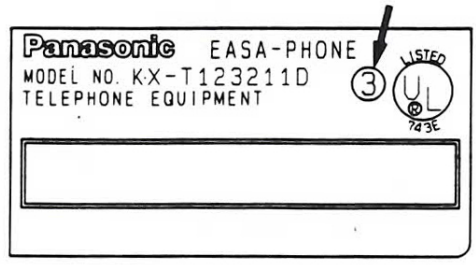
ELECTRONIC MODULAR SWITCHING SYSTEM
KX-T123211D

Installation and Operation Manual for Added and Changed Features

Please read this Manual first and then another Installation Manual for programming.

This manual is available for KX-T123211D which has the mark ③ on the plate as shown below.



Note:

1. For KX-T7020, 7030, 7050 and 7130, press the "STORE" key instead of "MEMORY" key.
2. For KX-T7020, 7030, 7050 and 7130, press the "AUTO ANSWER" key instead of "AUTO ANS" key.
3. For the Features of Flexible keys, refer to this manual.
4. Extension of jack number 01 should be connected to KX-T7030, 7130, 30830, 61630, 123230 and 123235, for programming system data.
5. All the programming procedures described in the Installation Manual have been modified. Delete step 2 "Press the NEXT button" from every feature of the programming in another Installation Manual. For further detail, see page 4 of this manual. This manual describes the revised procedures from which step 2 has already been deleted.

System Component

	Model No.	Description
Service unit	KX-T123211D	Electronic Modular Switching System
Telephone	KX-T7020	EMSS Proprietary Telephone (12 CO's)
	KX-T7030	EMSS Proprietary Telephone with LCD (12 CO's)
	KX-T7050	EMSS Proprietary Telephone (12 CO's)
	KX-T7130	EMSS Proprietary Telephone with LCD (12 CO's)
	KX-T123220	EMSS Proprietary Telephone (12 CO's)
	KX-T123230	EMSS Proprietary Telephone with LCD (12 CO's)
	KX-T123235	EMSS Proprietary Telephone with LCD (12 CO's)
	KX-T123250	EMSS Proprietary Telephone (12 CO's)
	KX-T61620	EMSS Proprietary Telephone (6 CO's)
	KX-T61630	EMSS Proprietary Telephone with LCD (6 CO's)
	KX-T61631	EMSS Proprietary Telephone with LCD (6 CO's)
	KX-T61650	EMSS Proprietary Telephone (6 CO's)
	KX-T30820	EMSS Proprietary Telephone (3 CO's)
	KX-T30825	EMSS Proprietary Telephone (3 CO's)
	KX-T30830	EMSS Proprietary Telephone with LCD (3 CO's, 8 DSS's)
	KX-T30850	EMSS Proprietary Telephone (3 CO's)
Optional equipment	KX-T7040	DSS Console (32 DSS's, 16 Feature buttons)
	KX-T123240	DSS Console (32 DSS's, 16 Feature buttons)
	KX-T61640	DSS Console (16 DSS's 16 Feature buttons)
	KX-T123241	DSS Console Card
	KX-T123270	Expansion Card (up to eight extension lines)
	KX-T123271	Expansion Card (up to four extension lines)
	KX-T123280	Expansion Card (up to four CO lines)
	KX-T123281	Expansion Card (up to two CO lines)
	KX-T123285	Off Premise Extension Card
	KX-T123286	Off Premise Extension Unit
	KX-T123291	Direct Inward System Access Card
	KX-T123292	Direct Inward System Access Outgoing Message Card
	KX-T123295	Diagnostic Card
	KX-T123296	MODEM Card
	KX-T30860D	Doorphone Adaptor
	KX-T30865	Doorphone
	KX-T30890	Headset
	KX-A26	Battery Adaptor

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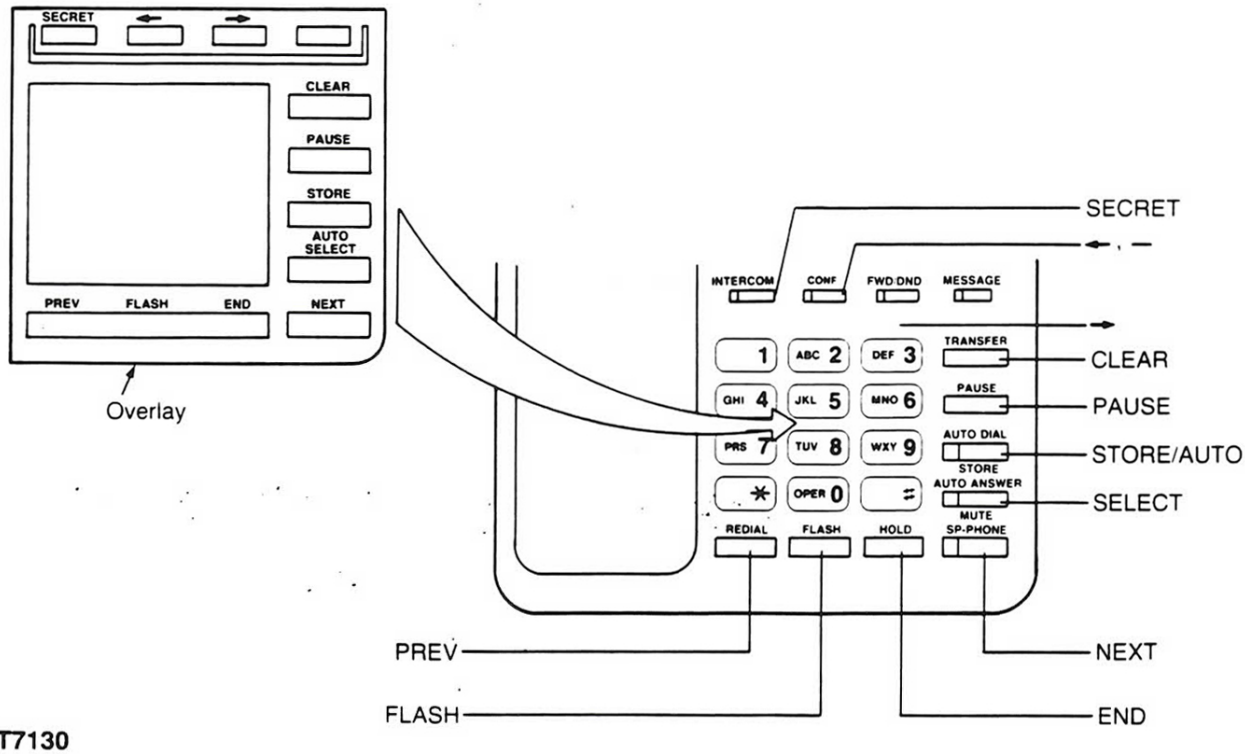
Example of Programming

All the programming procedures described in the Installation Manual have been modified. Delete step 2; "Press the NEXT button" from every feature of the programming in another Installation Manual. See the example below — the portion that should be deleted is shown shaded.
This manual describes the revised procedures from which step 2 has already been deleted, as "Revision" below.

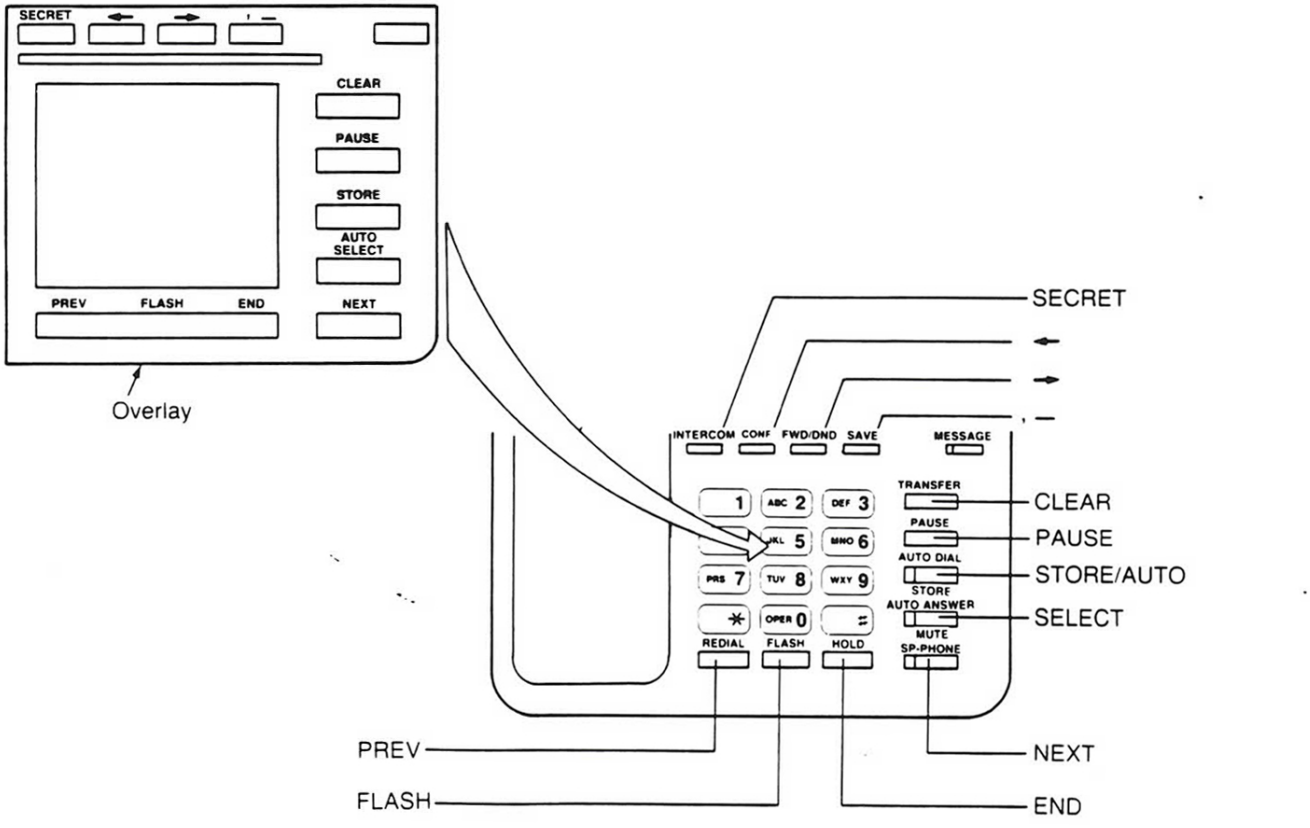
Original	Revision
AB = [0] [0]: speed access code 00 ⋮ [9] [9]: speed access code 99 CD = [8] [1]: access number of Trunk Group 1 ⋮ [8] [8]: access number of Trunk Group 8 [01][NEXT][AB][CD][phone number][MEMORY][END] [SELECT]	AB = [0] [0]: speed access code 00 ⋮ [9] [9]: speed access code 99 CD = [8] [1]: access number of Trunk Group 1 ⋮ [8] [8]: access number of Trunk Group 8 [01][AB][CD][phone number][MEMORY][END] [SELECT]
1. Dial (01) or press the AUTO button. "Speed Dialing" will be displayed. 2. Press the NEXT button. "Speed NO? → " will be displayed. 3. Dial (00 through 99) or press the NEXT button, for speed access code entry. 4. Enter automatic line access number or trunk group number. 5. Enter the phone number. 6. Press the MEMORY button. The memory indicator will be lit. 7. ● To advance to the next speed access code, press the NEXT button. ● To return to the previous speed access code, press the PREV button. ● To go to the desired speed access code, press the SELECT button and then dial the speed access code. 8. Repeat steps 4 to 7, to program the other phone numbers. 9. To return to the initial programming mode, press the END button.	1. Dial (01) or press the AUTO button. "Speed NO? → " will be displayed. 2. Dial (00 through 99) or press the NEXT button, for speed access code entry. 3. Enter automatic line access number or trunk group number. 4. Enter the phone number. 5. Press the MEMORY button. The memory indicator will be lit. 6. ● To advance to the next speed access code, press the NEXT button. ● To return to the previous speed access code, press the PREV button. ● To go to the desired speed access code, press the SELECT button and then dial the speed access code. 7. Repeat steps 3 to 6, to program the other phone numbers. 8. To return to tne initial programming mode, press the END button.

When the System Program Switch on the KX-T123211D is set to the "PITS" position, the function of the KX-T7030 and the KX-T7130 connected to jack number 01 will change as follows.

KX-T7030



KX-T7130



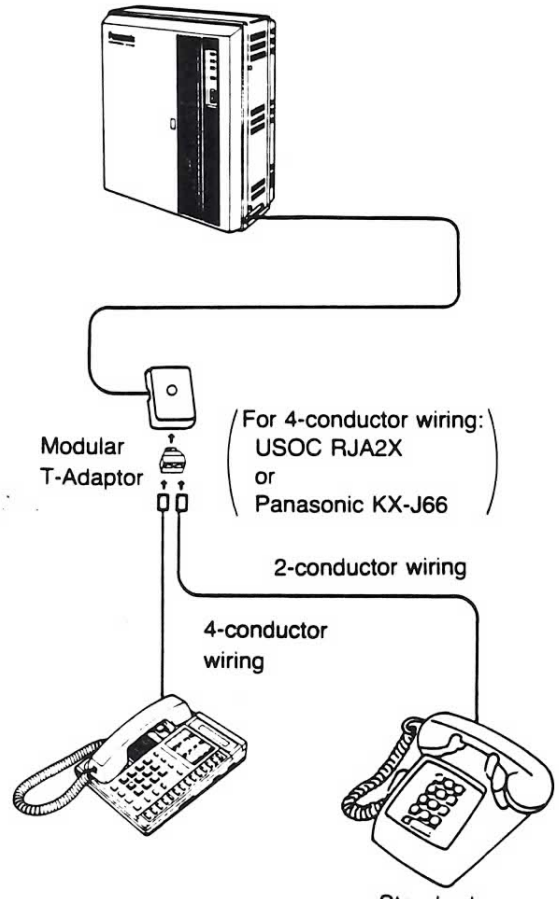
Added Features

The Parallel Connection of the Proprietary Telephone and the Standard Telephone

- Any extension can be connected in parallel with the proprietary telephone and the standard telephone.
- In the event of a power failure, CO1, CO2, CO5, CO6, CO9 and CO10 can be accessed using the standard telephones that are connected in parallel with proprietary telephones to extensions of jack number 01, 02, 09, 10, 17 and 18 respectively.
- If the extension receives a call, a ringing will be heard from the proprietary telephone and the standard telephone. You can answer the call by using either the proprietary telephone or the standard telephone.
- An answering machine, a facsimile, a MODEM (personal computer) etc. can be connected instead of the standard telephone.
- You can program that the standard telephone will not work. For programming, refer to the "Standard Telephone Connection with Proprietary Telephone" on page 10 in this manual.

Note:

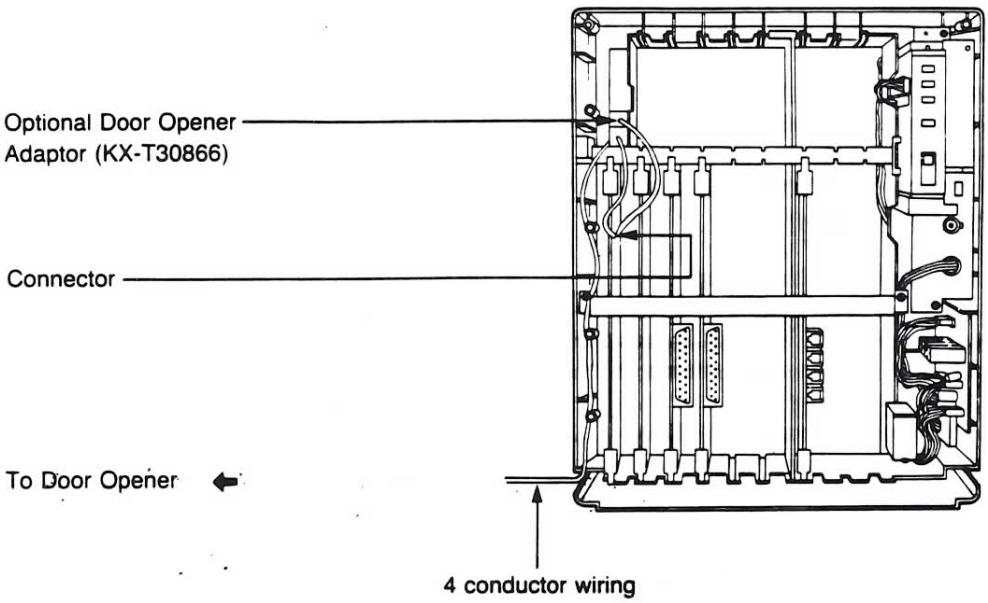
- The LCD on the proprietary telephone will show you the standard telephone is used.
- The following features will not work by the standard telephone connected in parallel with the proprietary telephone;
  - Call splitting
  - External feature access
  - Account code input
  - Conference
  - Pickup dialing
- The standard telephone connected in parallel with the proprietary telephone can not make a call in the following cases;
  - The proprietary telephone is set to BGM mode.
  - The proprietary telephone is receiving the paging through the built-in-speaker.
  - The proprietary telephone is set to PROGRAMMING mode.
- The standard telephone connected in parallel with the proprietary telephone will not ring in the following cases;
  - The proprietary telephone is set to Automatic Answer-Intercom.
  - The proprietary telephone is set to Voice alerting mode.



Proprietary Telephone
KX-T123220
KX-T123230
KX-T123235※
KX-T123250
KX-T61620
KX-T61630
KX-T61631
KX-T61650
KX-T7020
KX-T7030
KX-T7050
KX-T7130※
KX-T30820
KX-T30825
KX-T30830
KX-T30850

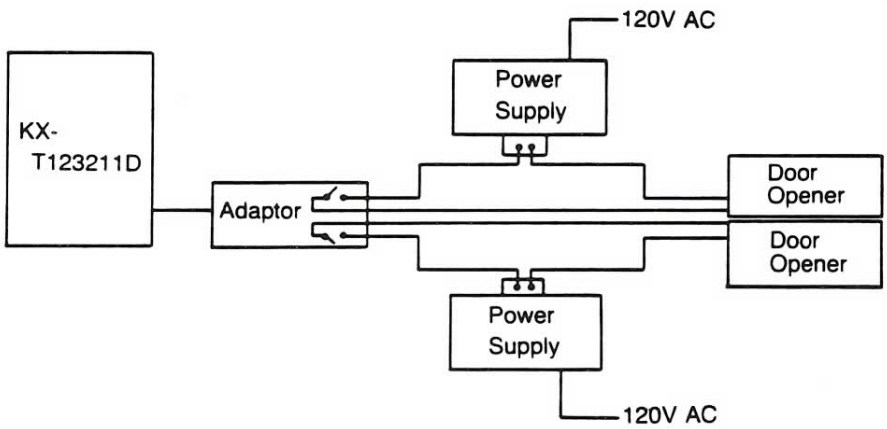
- The models above which have a mark ※ require the 6-conductor wiring.

Connection of the Optional Door Opener Adaptor (KX-T30866)



- For more detail, refer to the installation manual enclosed with the Door Opener Adaptor, KX-T30866.

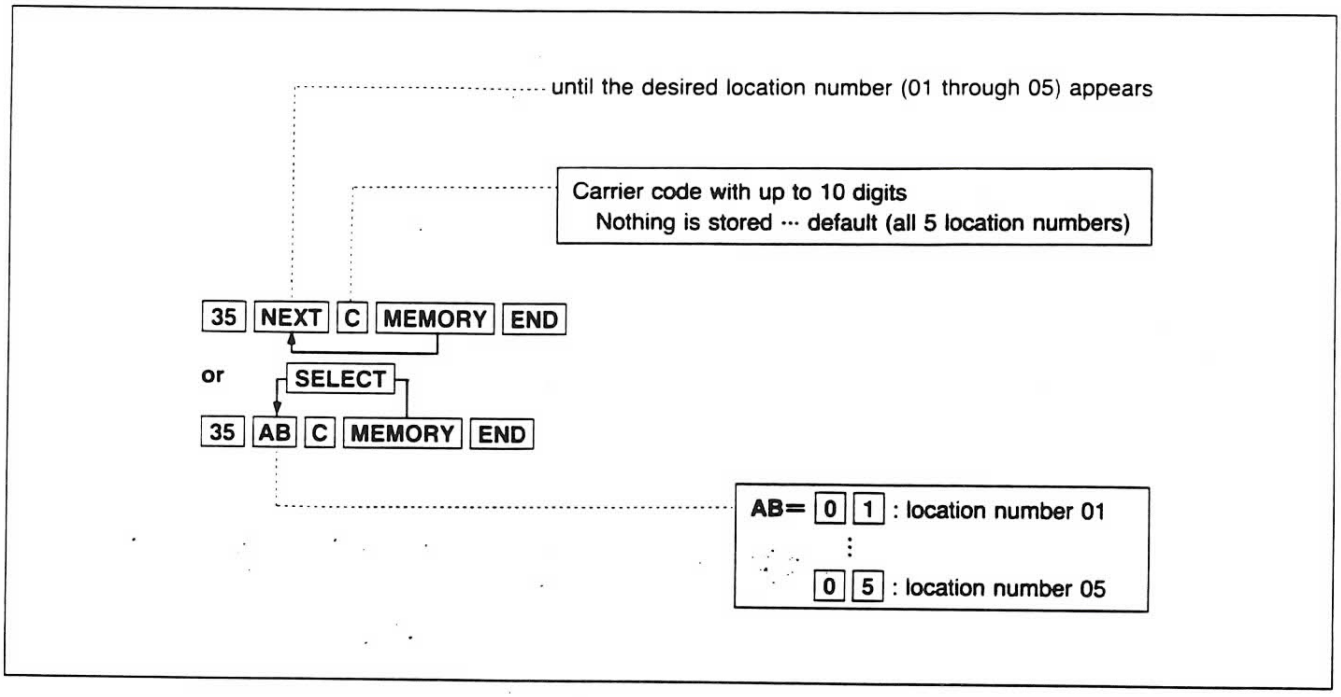
■ Block Diagram



Note:

- Power Supply, Door Opener and Wiring are not included of the Door Opener Adaptor, KX-T30866.
- For wiring, it is recommended to use AWG22 twisted wire or thicker wire.
- The relay contact is able to operate with MAX 50V AC, 1A or MAX 30V DC, 1A.
- Doorphone one must be paired with Door Opener one and the same with Doorphone two and Door Opener two.

Carrier Codes Assignment



Description

Through programming, up to 5 carrier codes to access OCC (other common carriers), etc. can be assigned. When a phone number which has an assigned carrier code is dialed, Toll Restriction check starts from the number that is dialed after the carrier code.

Programming

1. Dial (37).
   "Code NO? → " will be displayed.

2. Dial (01 through 05) or press the NEXT button, for location number entry.
   Example:
   When dial (01) or press the NEXT button.
   - The LCD will show "01: Not Stored" when nothing is stored in location number "01". When the carrier code 10222 has been stored, "01:10222" will be displayed.

3. Enter the carrier code with up to 10 digits.
   - To erase a wrong entry, press the CLEAR button.

4. Press the MEMORY button.
   - The memory indicator will be lit.

5. - To advance to the next location number, press the NEXT button.
   - To return to the previous location number, press the PREV button.
   - To go to a desired location number, press the SELECT button and then dial the location number.

6. Repeat steps 3 to 5.

7. To return to the initial programming mode, press the END button.

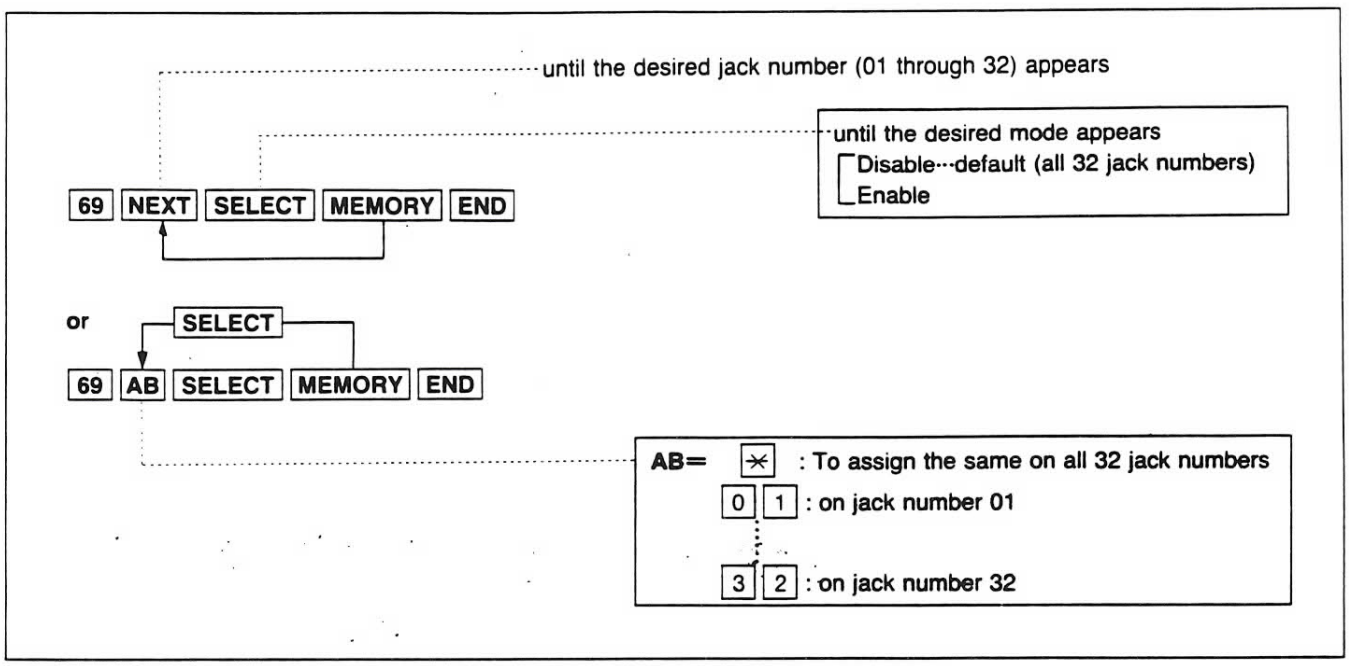
Conditions

- "✳" substitutes for any numbers.

Programming Tables

See page 40.

Standard Telephone Connection with Proprietary Telephone



Description

Through programming, you can select whether the standard telephone which is connected in parallel with the proprietary telephone works or not.

Programming

1. Dial (69).
   "Jack NO? → " will be displayed.
2. Press the NEXT button or dial the jack number (01 through 32 or ✳).
   "#01: Disable" will be displayed and
   jack number
   "Disable" will blink.
3. Press the SELECT button to alternate between "Enable" and "Disable" and select the desired mode.
4. Press the MEMORY button.
   The LCD will stop blinking.
5. ● To advance to the next jack number, press the NEXT button.
   ● To return to the previous jack number, press the PREV button.
   ● To go to a desired jack number, press the SELECT button and then dial the jack number.
6. Repeat steps 3 to 5, to program the mode of the other jack numbers.
7. To return to the initial programming mode, press the END button.

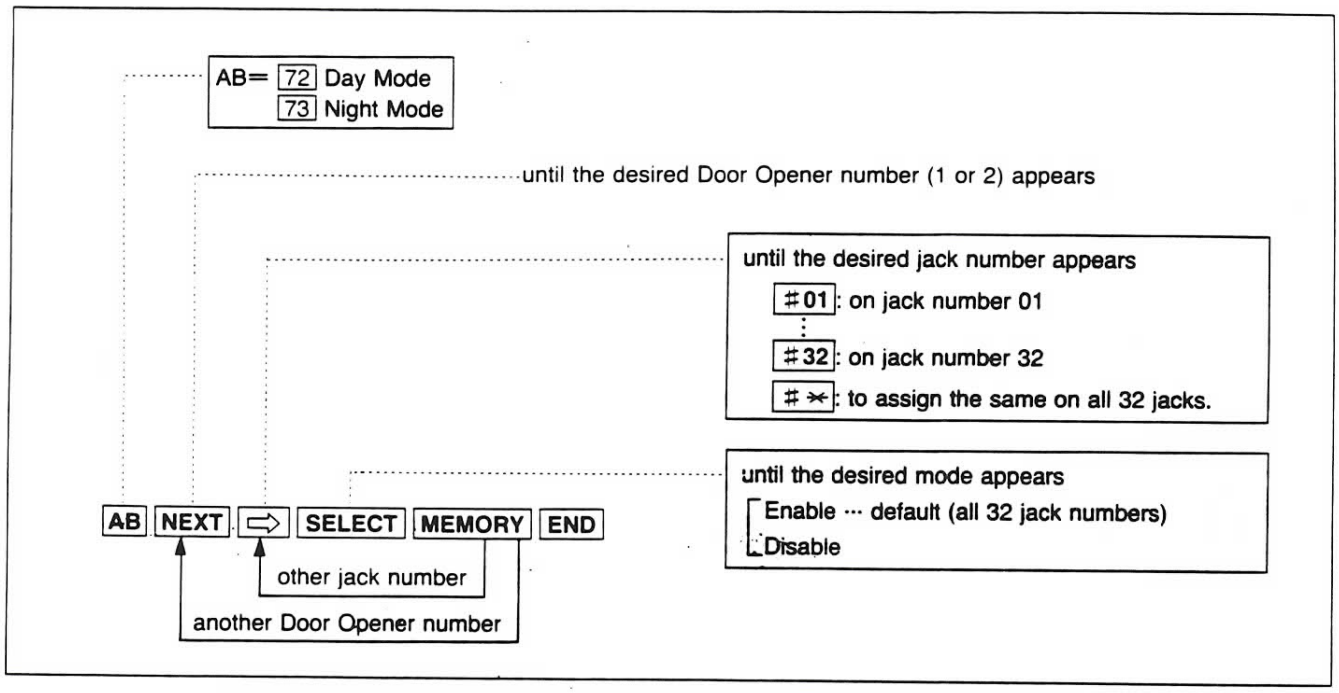
Condition

● If a call reaches KX-T30830, KX-T61630, KX-T123230, or KX-T123235, two types of ring tones sound. This is normal and we recommend you to select "Disable" by programming if you do not use the standard telephone that is connected in parallel.

Programming Table

See page 57.

Assignment of Door Opener



Description

Through programming for Day or Night mode, each extension can be assigned to control two Door Openers. Each Door Opener can be used with a doorphone or an extension phone.

Programming

1. ● Dial (72) for day mode.

   ● Dial (73) for night mode.

2. Press the NEXT button or dial the Opener number (1, 2 or ✳).
   "DO-1: #01 : Enable" will be displayed.
   jack number

   "✳" means the Opener number "1" and "2".

3. Keep pressing the ⇨ button until the desired jack number appears, or press the # button and then dial the jack number.

4. Press the SELECT button to alternate between "Enable" and "Disable" and select the desired mode.

5. Press the MEMORY button.
   The LCD will stop blinking.

6. ● To advance to the next jack number, press the ⇨ button.
   ● To return to the previous jack number, press the ⇨ button.
   ● To go to a desired jack number, press the # button and then dial the jack number.

7. Repeat steps 4 to 6, to program the assignment of the other jack numbers.

8. Repeat steps 2 to 7, to program the assignment of the other Door Opener.

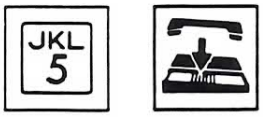
9. To return to the initial programming mode, press the END button.

Programming Table

See pages 58 and 59.

Door Opener for EMSS Proprietary Telephone

■ When the Door Opener is used with a Doorphone to unlock the Door Opener:
While talking with the visitor through the doorphone;



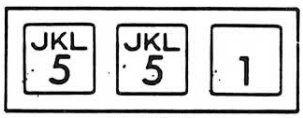
Dial "5"

Hang up or press SP-PHONE

● The Door Opener 1 or 2 will be unlocked corresponding to the Doorphone 1 or 2.

■ When the Door Opener is used with an extension (proprietary telephone) to unlock the Door Opener:
Hang up after confirming the call then;

Lift handset or press SP-PHONE



Dial "551"

Hang up or press SP-PHONE

● For Door Opener 2, dial "552" instead of "551".

Description

You can easily unlock the door for about 5 seconds by dialing a proper code. Up to two Door Openers can be connected to the system.
See page 11 for programming.

Operation

■ When the Door Opener is used with a Doorphone to unlock the Door Opener while talking with the visitor through the Doorphone:

1. Dial (5).
   The confirmation tone will be heard.
   The door Opener 1 or 2 corresponding to the Doorphone 1 or 2 will be switched "ON" to unlock the door.
2. Hang up or press the SP-PHONE button.

■ When the Door Opener is used with an extension (proprietary telephone) to unlock the Door Opener, hang up after confirming the call then:

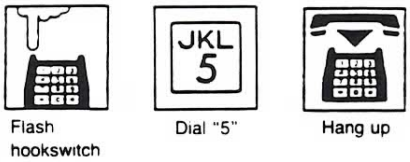
1. Lift the handset or press the SP-PHONE button.
2. Dial (551 (or 552)).
   The Door Opener 1 (or 2) will be switched "ON" to unlock the door.
3. Hang up or press the SP-PHONE button.

Conditions

- When the power failure is occurred, the Door Opener will be switched "OFF" and the door will not be unlocked.
- To unlock the door for more than 5 seconds, dial (5), (551) or (552) again, and the door will be unlocked for another 5 seconds.
- For installation of Door Opener, see page 8.
- A busy extension will not hear the call waiting tone for a doorphone call.

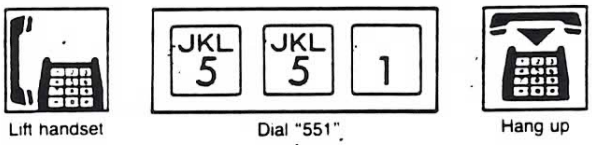
Door Opener for a Standard Single Line Telephone

■ When the Door Opener is used with a Doorphone:
To unlock the Door Opener while talking with the visitor through the Doorphone:



● The Door Opener 1 or 2 will be unlocked corresponding to the Doorphone 1 or 2.

■ When the Door Opener is used with an extension (standard single line telephone):
To unlock the Door Opener, hang up after confirming the call then:
● For Door Opener 1.



● For Door Opener 2, dial "552" instead of "551".

Description

You can easily unlock the door for about 5 seconds by dialing. Up to two Door Openers can be connected to the system.

Operation

■ When the Door Opener is used with a Doorphone to unlock the Door Opener while talking with the visitor through the Doorphone:

1. Flash the hookswitch.
2. Dial (5).
3. Hang up.

■ When the Door Opener is used with an extension (standard telephone) to unlock the Door Opener, hang up after confirming the call then:

1. Lift the handset.
2. Dial (551 (or 552)).
   The Door Opener 1 (or 2) will be switched "ON" to unlock the door.
3. Hang up.

Conditions

● To unlock the door for more than 5 seconds, dial (5), (551) or (552) again, and the door will be unlocked for another 5 seconds.
● For installation of Door Opener, see page 8.
● A busy extension will not hear the call waiting tone for a doorphone call.

Message Waiting for EMSS Proprietary Telephone

Setting


Lift handset or press SP-PHONE


Dial extension number (100 Through 199)

Press MESSAGE

Confirmation tone


Hang up or press SP-PHONE

To call you from the extension where the message is left

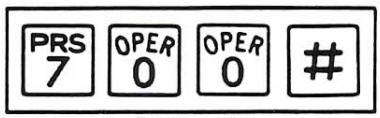

Lift handset or press SP-PHONE

Press MESSAGE


Talk

To cancel the message at the extension where the message is left


Lift handset or press SP-PHONE



Dial "700#"


Hang up or press SP-PHONE

Description

If the intercom extension you have dialed is busy or does not answer, you can inform the called extension that there is a message which has to be informed. It will be indicated by the MESSAGE indicator.
If the called extension is not provided with the MESSAGE button, you can not leave the message. To change the CO, or DSS button into the message waiting button, see page 4-59 or 4-62 in another Installation Manual.

Operation

Setting

1. Lift the handset or press the SP-PHONE button.
2. Dial the extension number (100 through 199).
3. Press the MESSAGE button.
   A confirmation tone (one beep) will be heard.
   The MESSAGE Indicator of the called party will be lit.
4. Hang up or press the SP-PHONE button.

To call the extension which sent the message from the extension where the message is left

1. Lift the handset or press the SP-PHONE button.
2. Press the MESSAGE button.
   The MESSAGE Indicator light will go out.
3. Start talking.

To cancel the message at the extension where the message is left

1. Lift the handset or press the SP-PHONE button.
2. Dial (700#).
   The MESSAGE Indicator light will go out.
3. Hang up or press the SP-PHONE button.
   - All Messages will vanish.

To cancel a message which has been left at an extension from the extension which has sent the message

1. Lift the handset or press the SP-PHONE button.
2. Dial the extension number (100 through 199).
3. Press the MESSAGE button.
4. Press the MESSAGE button, again.
   A confirmation tone (two beeps) will be heard.
   The MESSAGE Indicator light of the called extension will go out.
5. Hang up or press the SP-PHONE button.

Conditions

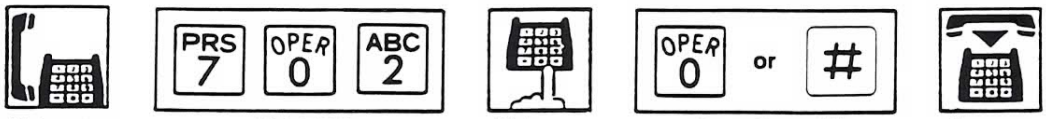
- An extension can receive up to eight messages.
- If the MESSAGE Indicator light does not go out after calling the extension which left the message, it means that another message is left. If you have received multiple messages, calling back is done in order or receipt.
  But the extension to call can be selected with Proprietary Telephone with LCD.
  When the MESSAGE button is pressed with the handset on the cradle and the SP-PHONE button off, the name who left the message or extension number is displayed.
  While it is displayed, press the MESSAGE button again. Repeat it until the desired name or extension number appears.
  When the desired name or extension number appears, lift the handset and press the MESSAGE button.

Message Waiting for a Standard Single Line Telephone

Setting

Lift handset | Dial "701" | Dial extension number | Dial "0" or "#" | Hang up

Canceling a message



Lift handset | Dial "702" | Dial extension number | Dial "0" or "#" | Hang up

Description

When the dialed intercom extension is busy or does not answer, a single line telephone can also inform the extension of a receiving sign. Only a telephone which has a MESSAGE button can receive the message.

Operation

Setting

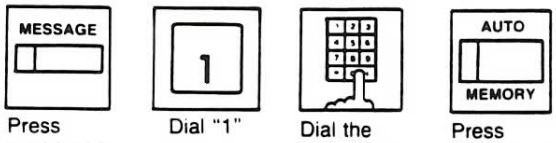
1. Lift the handset.
2. Dial (701).
3. Dial the extension number (100 through 199).
4. Dial (0) or (#).
5. Hang up.

Canceling a message

1. Lift the handset.
2. Dial (702).
3. Dial the extension number (100 through 199).
4. Dial (0) or (#).
5. Hang up.

Flexible MESSAGE (Message Waiting) Button

Changing to DSS Button



Press MESSAGE | Dial "1" | Dial the extension number which is set newly (100 through 199) | Press MEMORY

Description

Allows the MESSAGE button to change to a DSS (Direct Station Selection) button.
The proprietary telephone is available.

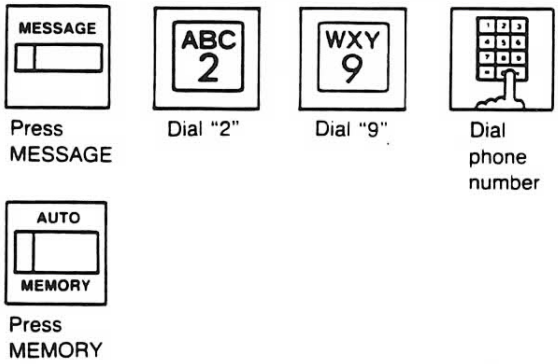
Operation

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

1. Press the MESSAGE button.
2. Dial (1).
3. Dial the new extension number (100 through 199).
4. Press the MEMORY button.

- After programming the MESSAGE button, return the MEMORY switch to the "**SET**" position.
- To return to the MESSAGE button again, dial (3) and the extension number, then press the MEMORY button.

Changing to One Touch Dialing Button



Press MESSAGE | Dial "2" | Dial "9" | Dial phone number

Press MEMORY

Description

Allows the MESSAGE button to be used as a one touch dialing memory location.
Up to 16 digits can be stored in the MESSAGE button.

Operation

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

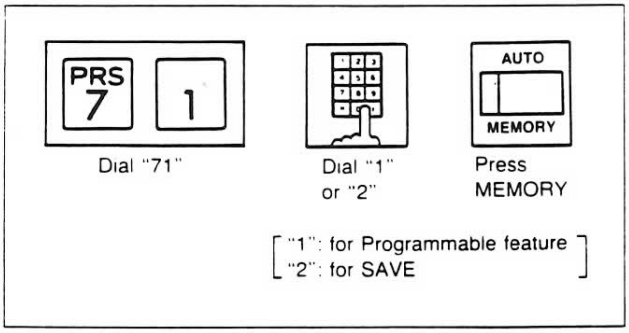
1. Press the MESSAGE button.
2. Dial (2).
3. Dial (9).

   - You may dial 81 through 88 instead of 9.
     9... An extension can automatically select an idle line within the CO line enable to call.
     81 through 88... An extension can select a trunk group designated.

4. Dial the phone number.
5. Press the MEMORY button.

- After programming the MESSAGE button, return the MEMORY switch to the "**SET**" position.
- To return to the MESSAGE button again, dial (3), (9) and the phone number, then press the MEMORY button.

F1/SAVE Selection



Description

The SAVE button is not provided with KX-T30850, KX-T61650, KX-T123250, KX-T7020, KX-T7030 and KX-T7050.
The F1 button can be changed from programmable feature button to the SAVE button.
dial 1 mode ..... programmable feature function
dial 2 mode ..... SAVE function

Operation

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

1. Dial (7) (1).
2. Dial (1) for the programmable feature function or dial (2) for the SAVE function.
3. Press the MEMORY button.

- After programming the F1 button, return the MEMORY switch to the "**SET**" position.

Last Number Redial

(See page 4-8 in another Installation Manual)

The KX-T7020, 7030, 7050 and 7130 can be used for Automatic Redialing of this feature.

Call Transfer — To Extension

(See page 4-18 in another Installation Manual)

Pressing the TRANSFER button is also available to change the party to whom a call is transferred before hanging up.
Press the TRANSFER button to retrieve the call, then repeat the procedure of Call Transfer.

Conditions

- If the called party is busy or does not answer, you may return to the calling party also by pressing the TRANSFER button.
- Transfer Recall Time is changed from "30 seconds or 15 seconds" to "30 seconds or 2 minutes".

Off Hook Call Announcement (OHCA)

(See page 4-23 in another Installation Manual)

The KX-T7130 can be used for this feature.

Changed Features

Toll Restriction

The selective use of this feature permits restricted dialing to specific stations. A Class of Service can be assigned to a particular station which prohibits or limits that station's dialing ability. The following are the available five Classes of Service.

	Service Class				
	1	2	3	4	5
Class-2 Denied Code (20 locations)	A	D	D	D	D
Class-3 Denied Code (20 locations)	A	A	D	D	D
Class-4 Denied Code (20 locations)	A	A	A	D	D
Class-5 Denied Code (20 locations)	A	A	A	A	D

Table-1 Toll Restriction — Denied Code Table

A: call is allowed

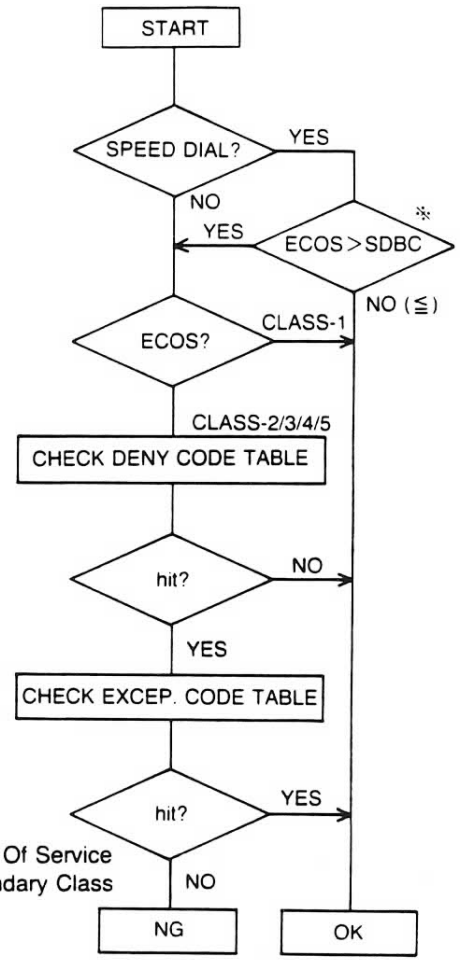
D: denied other than exceptional code

	Service Class				
	1	2	3	4	5
Exceptional Code [01]~[05]	—	E	E	E	E
Exceptional Code [06]~[10]	—	E	E	E	—
Exceptional Code [11]~[15]	—	E	E	—	—
Exceptional Code [16]~[20]	—	E	—	—	—

Table-2 Toll Restriction — Exceptional Code Table

—: ignored

E: enable



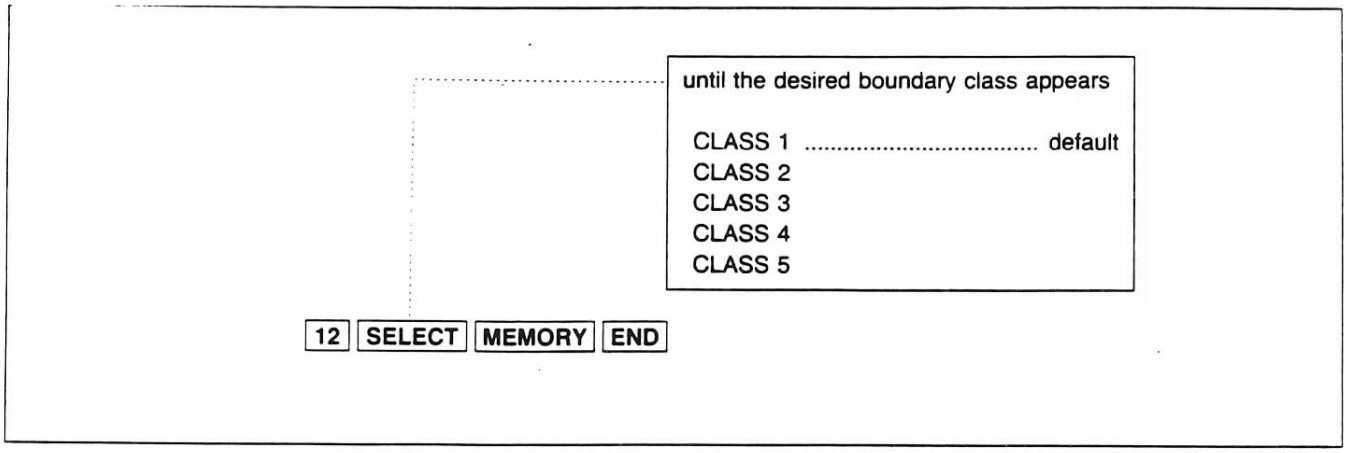
※ECOS=Extension Class Of Service
SDBC=Speed Dial Boundary Class

1. Service class 1 will allow all calls.
2. Service class 2 will deny 20 codes programmed as a denied code and allow 20 codes programmed as an exceptional code (location 01~20).
3. Service class 3 will deny 40 codes programmed as CLASS-2 and CLASS-3 denied code and allow 15 codes programmed as an exceptional code (location 01~15).
4. Service class 4 will deny 60 codes programmed as CLASS-2, CLASS-3 and CLASS-4 denied code and allow 10 codes programmed as an exceptional code (location 01~10).
5. Service class 5 will deny 80 code programmed as CLASS-2, CLASS-3, CLASS-4 and CLASS-5 denied code and allow 5 codes programmed as an exceptional code (location 01~05).

The following should be set.

- "Toll Restriction of System Speed Dialing — Boundary Class Assignment" on page 20.
- "Toll Restriction — Denied Code Assignment" on page 21.
- "Toll Restriction — Exceptional Code Assignment" on page 22.
- "Service Class Assignment of Toll Restriction" on page 28.

Toll Restriction of System Speed Dialing—Boundary Class Assignment



Description

You can select the class service which is free from the speed dialing toll restriction.

Programming

1. Dial (12).
   "Boundary Class-1" will be displayed and "1" will blink.
2. Keep pressing the SELECT button until the desired class number appears, or dial the class number (1 through 5).
3. Press the MEMORY button.
   The LCD will stop blinking.
4. To return to the initial programming mode, press the END button.

Conditions

If you set boundaries to CLASS 2, the system will allow system speed dialing on service class 1 and class 2, but restrict on service class 3, class 4 and class 5 according to the toll restriction checking.
Refer to page 19.

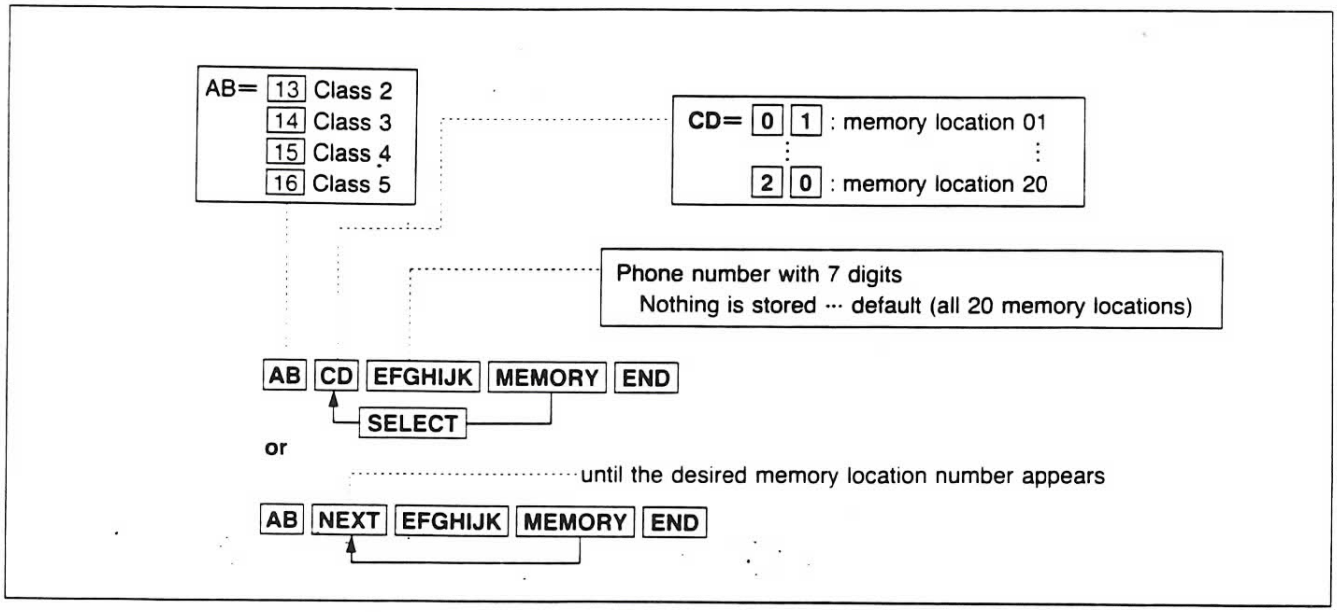
		System Speed Dialing Boundary Class				
		1	2	3	4	5
Service Class	1	A	A	A	A	A
	2	C	A	A	A	A
	3	C	C	A	A	A
	4	C	C	C	A	A
	5	C	C	C	C	A

A: allowed
C: checked

Programming Table

See page 34.

Toll Restriction—Denied Code Assignment



Description

For Service Class 2, 3, 4 or 5 (see "Toll Restriction") up to 20 phone numbers can be selected for use in toll dialing.
Phone numbers programmed will be denied. All extensions programmed for Service Class Selections shall be assigned to the same denied code assignment plan.

Programming

1. ● Dial (13) for class 2.
   ● Dial (14) for class 3.
   ● Dial (15) for class 4.
   ● Dial (16) for class 5.
   "Code NO? → " will be displayed.

2. Dial (01 through 20) or press the NEXT button.
   Example:
   When dial (01) or press the NEXT button.
   ● The LCD will show "01: ·····" when nothing is stored in memory location number "01".
   When the phone number 212 ✳ ✳ ✳ ✳ has been stored, "01: 212 ✳ ✳ ✳ ✳" will be displayed.

3. Dial the 7-digit phone number.
   ● To erase a wrong entry, press the CLEAR button.

4. Press the MEMORY button.
   ● The MEMORY indicatior will be lit.

5. ● To advance to the next memory location number, press the NEXT button.
   ● To return to the previous memory location number, press the PREV button.
   ● To go to a desired memory location number, press SELECT button and dial the memory location number.

6. Repeat steps 3 to 5.

7. To program denied code to another class, go to step 1.

8. To return to the initial programming mode, press the END button.

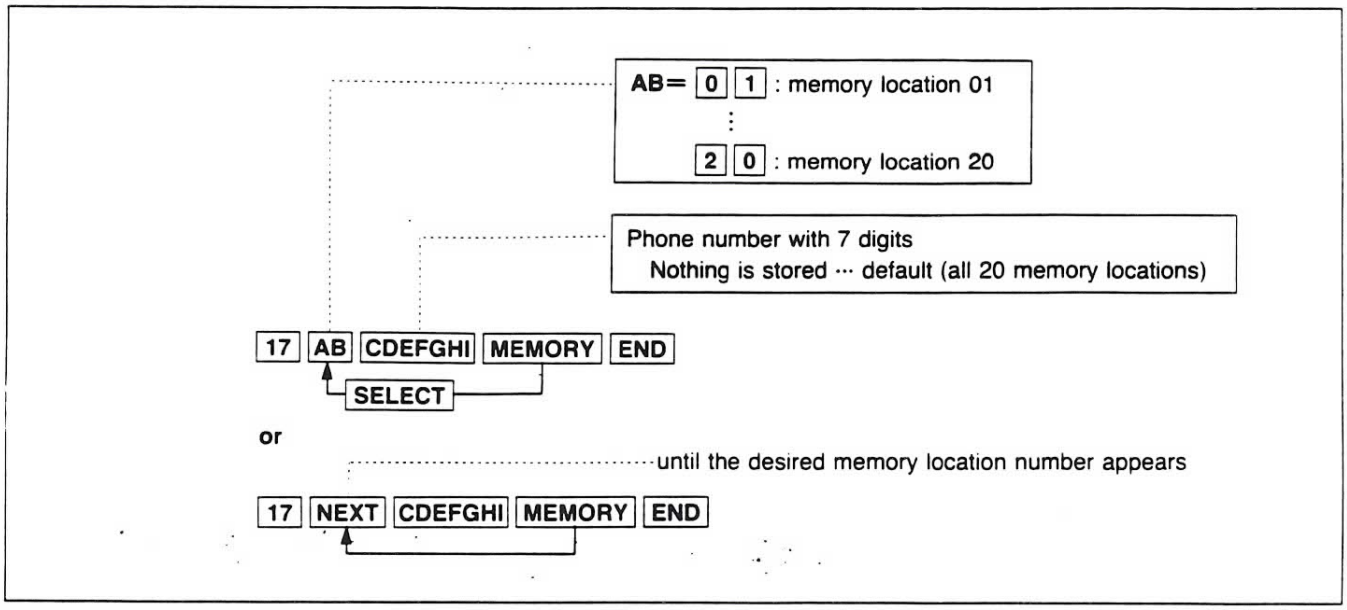
Conditions

● Each phone number should consist of 7 digits.
● ✳ substitutes for any numbers.

Programming Table

See pages 34 and 35.

Toll Restriction—Exceptional Code Assignment



Description

Through programming, the desired extensions will be allowed to dial the phone numbers which are restricted by "Denied Code Assignment". For Service Class 2, 3, 4 or 5 up to 20 phone numbers can be selected.

Programming

1. Dial (17).
   "Code NO? → " will be displayed.

2. Dial (01 through 20) or press the NEXT button.
   Example:
   When dial (01) or press the NEXT button.
   - The LCD will show "01: ·····" when nothing is stored in memory location number "01".
     When the phone number 1800 ✳✳✳ has been stored, "01: 1800 ✳✳✳" will be displayed.

3. Dial the 7-digit phone number.
   - To erase a wrong entry, press the CLEAR button.

4. Press the MEMORY button.
   - The MEMORY indicator will be lit.

5. - To advance to the next memory location number, press the NEXT button.
   - To return to the previous memory location number, press the PREV button.
   - To go to a desired memory location number, press the SELECT button and dial the memory location number.

6. Repeat steps 3 to 5.

7. To return to the initial programming mode, press the END button.

Conditions

- Each phone number should consist of 7 digits.
- ✳ substitutes for a number.

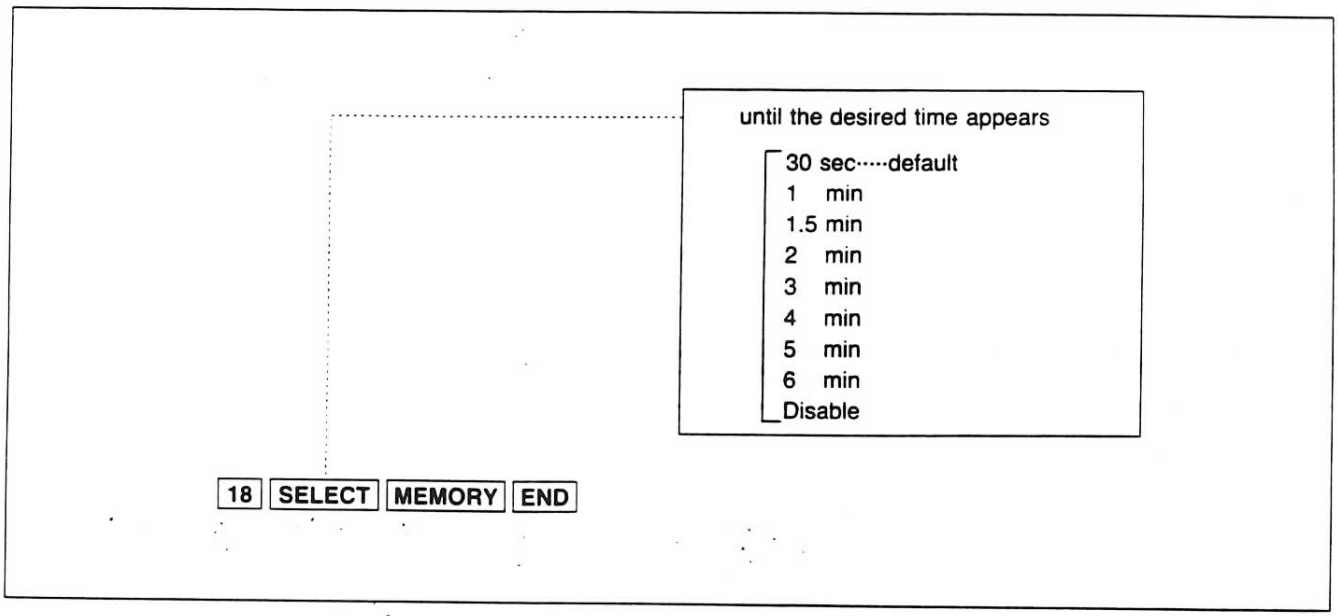
Programming Table

See page 35.

■ Applicable range to Service Class

Exceptional Code	Service Class			
	2	3	4	5
01 02 03 04 05	↑	↑	↑	↑
06 ⟆ 10			↓	
11 ⟆ 15		↓		
16 ⟆ 20	↓			

Hold Recall Time Set



Description

When the handset of the holding extension is replaced on call, you may have the automatic hold recall after the desired time elapses. The hold recall can be removed or added.

Programming

1. Dial (18).
   "Time: 30 sec" will be displayed and "30 sec" will blink.
2. Keep pressing the SELECT button until the desired time is displayed.
3. Press the MEMORY button.
   The LCD will stop blinking.
4. To return to the initial programming mode, press the END button.

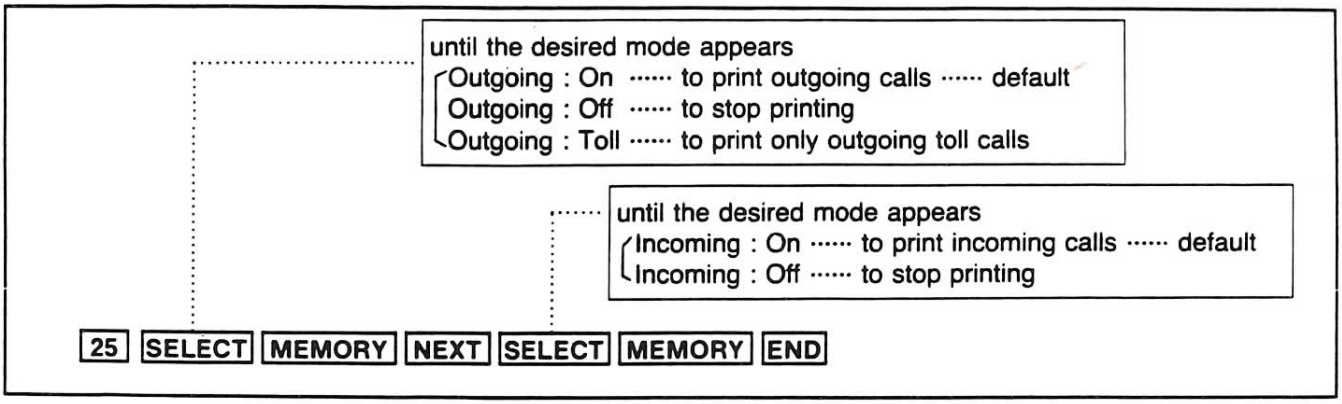
Example:

1.5 minutes = 18 SELECT SELECT MEMORY END

Programming Table

See page 35.

Incoming/Outgoing Call Selection for printing



Description

It is possible to print either outgoing calls or outgoing toll calls, and/or incoming calls.
When "Outgoing: Toll" is selected, outgoing calls to the phone numbers which are programmed in "Toll Restriction — Denied Code Assignment" on page 21 are printed out.

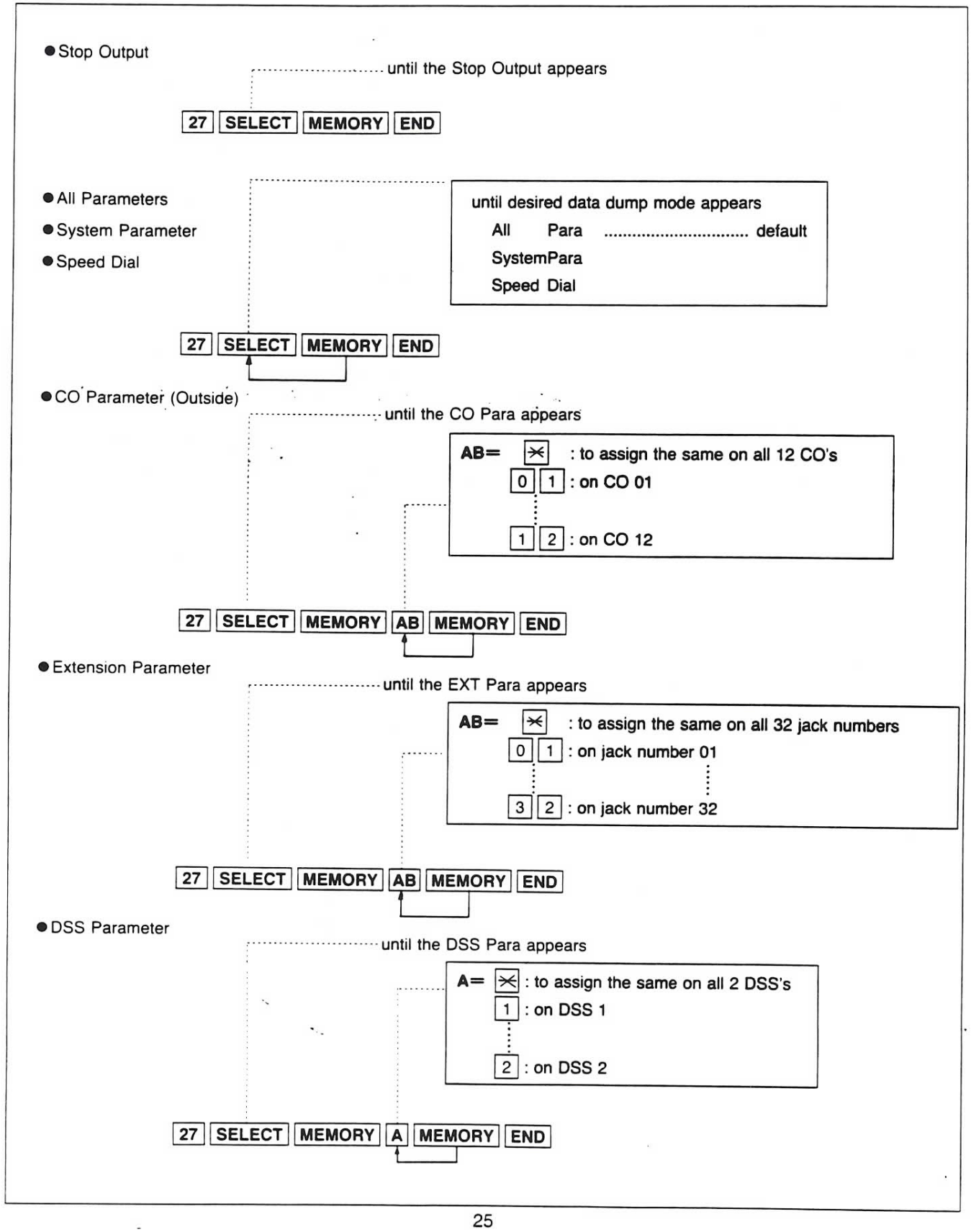
Programming

1. Dial (25).
   "Outgoing: On" will be displayed and the "On" will blink.
2. Press the SELECT button to alternate between the "On", "Off" and "Toll" and select the desired mode.
3. Press the MEMORY button.
   The LCD will stop blinking.
4. Press the NEXT button.
   "Incoming: On" will be displayed and the "On" will blink.
5. Press the SELECT button to alternate between "On" and "Off" and select the desired mode.
6. Press the MEMORY button.
   The LCD will stop blinking.
7. To return to the initial programming mode, press the END button.

Programming Table

See page 37.

System Data Dump



Description

Six separate printouts are available.
They are (1) System parameters (2) CO parameters (3) Extension parameters (4) DSS Console parameters (5) Speed dial and (6) All parameters.

(1) System parameters

[00] Date and Time Setting
[02] Extension Number Assignment
[03] Operator Extension
[04] Paired Telephone Assignment for DSS Console
[05] Automatic CO Transfer Using DSS Button
[06] Day/Night Service Mode
[07] Day/Night Starting Time
[08] Call Hunting
[09] Hunting Type
[12] Toll Restriction of System Speed Dialing
[13] Class-2 Denied Code Assignment
[14] Class-3 Denied Code Assignment
[15] Class-4 Denied Code Assignment
[16] Class-5 Denied Code Assignment
[17] Exceptional Code Assignment
[18] Hold Recall Time Set
[19] Transfer Recall Time
[20] Call Forwarding Starting Time
[21] Pickup Dial Delay Time
[22] CO-to-CO Duration Time Limit
[23] RS-232C Communication Parameters
[24] SMDR Parameters
[25] Incoming/Outgoing Call Selection for printing
[26] Secret Speed Dial/One Touch Dial Printing
[28] Duration Time Count Start Mode
[29] External Paging Access Tone
[30] DTMF Receiver Selection
[31] Direct Inward System Access
[32] Off Premise Extension
[33] Off Hook Call Announcement
[35] Carrier Codes Assignment
[44] Trunk Group Assignment
[70] Day Door-Phone
[71] Night Door-Phone

(2) CO parameters

[40] CO Connection Assignment
[41] Dial Mode
[42] Pulse Speed Selection
[43] Host PBX Access Codes Assignment
[44] Trunk Group Assignment
[45] Flexible Outward Dialing Assignment-Day
[46] Flexible Outward Dialing Assignment-Night
[47] Flexible Ringing Assignment-Day
[48] Flexible Ringing Assignment-Night
[49] Delayed Ringing Assignment-Day
[50] Delayed Ringing Assignment-Night
[51] CO Day Mode Assignment
[52] CO Night Mode Assignment
[53] Pause Time Assignment
[54] Hookswitch Flash Timing
[55] Calling Party Control Signal
[56] Disconnect Time
[57] Automatic Designated CO Line Access

(3) Extension parameters

[Type] Telephone Type
[60] Extension Group Assignment
[61] Service Class Assignment of Toll Restriction-Day
[62] Service Class Assignment of Toll Restriction-Night
[63] Extension Name
[64] Account Code Input Mode
[65] Call Transfer to Outside Line
[66] Call Forwading to Outside Line
[67] Executive Override
[68] Do not Disturb Override
[69] Standard Telephone Connection with Proprietary Telephone
[72] Day Door Opener
[73] Night Door Opener
[PF] Feature Button
[CO] Flexible Key
[MW] Flexible MW Key

- If KX-T30830 is connected to an extension, [CO] Flexible Keys 01 through 12 show the following button assignment:

[CO] 01 ··· CO1	[CO] 08 ··· DSS4
[CO] 02 ··· CO2	[CO] 09 ··· DSS5
[CO] 03 ··· CO3	[CO] 10 ··· DSS6
[CO] 05 ··· DSS1	[CO] 11 ··· DSS7
[CO] 06 ··· DSS2	[CO] 12 ··· DSS8
[CO] 07 ··· DSS3	

(4) DSS Console parameters
[Pair] Pair Extension No.
[DS] DSS Button Assignments
[PF] Programmable Feature Button

(5) Speed Dial
[01] System Speed Dialing Entry
Speed access codes (00 through 99) in which phone numbers are stored may be printed.

(6) All parameters
System parameters
CO parameters
Extension parameters
DSS parameters
Speed Dial

Operation

To stop the printout;

1. Dial (27).
2. Keep pressing the SELECT button until "Stop Output" is displayed.
3. Press the MEMORY button.

To print System Parameters, Speed Dial or All Parameters;

1. Dial (27).
   "Menu: All Para" will be displayed and "All Para" will blink.
2. Keep pressing the SELECT button until the desired data dump mode is displayed.
3. Press the MEMORY button.
   SMDR printer will print out.
4. Repeat steps 2 to 3, to print the other data dumps.

To print CO Parameters;

1. Dial (27).
2. Keep pressing the SELECT button until the "CO Para" is displayed.
3. Press the MEMORY button.
   "CO NO ? → " is displayed.
4. Dial the CO number (01 through 12).
   When dialing (01),
   "CO NO ? → 01" will be displayed.
5. Press the MEMORY button.
   SMDR printer will print out.
6. Repeat steps 4 to 5, to print the other CO parameter.

To print Extension Parameters;

1. Dial (27).
2. Keep pressing the SELECT button until the "EXT Para" is displayed.
3. Press the MEMORY button.
   "Jack NO ? →" will be displayed.
4. Dial the jack number (01 through 32).
   When dialing (01),
   "Jack NO ? → 01" will be displayed.
5. Press the MEMORY button.
   SMDR printer will print out.
6. Repeat steps 4 to 5, to print the other jack number.

To print DSS Console Parameters;

1. Dial (27).
2. Keep pressing the SELECT button until the "DSS Para" is displayed.
3. Press the MEMORY button.
   "DSS NO ? →" will be displayed.
4. Dial the DSS number (1 or 2).
   When dialing (1),
   "DSS NO ? → 1" will be displayed.
5. Press the MEMORY button.
   SMDR printer will print out.
6. Repeat steps 4 to 5, to print the other DSS Console parameter.

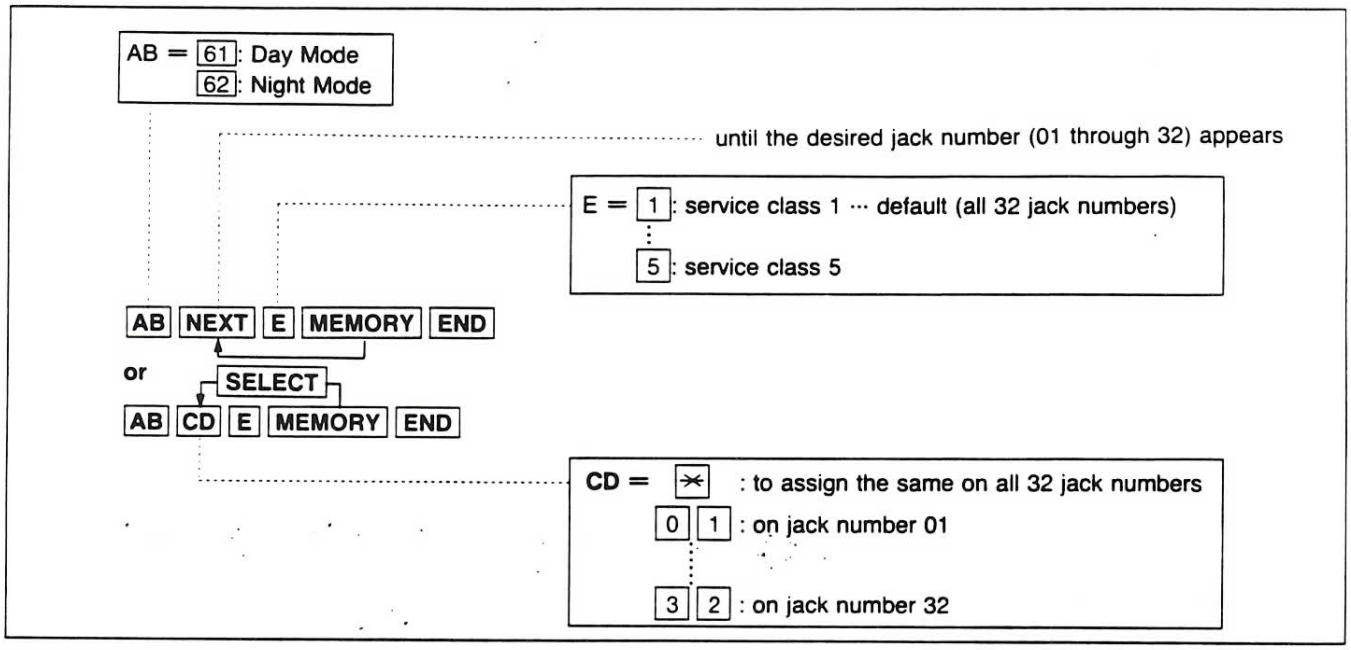
After completing printing, to return to the initial mode;

1. Press the END button.

Programming Table

See page 38.

Service Class Assignment of Toll Restriction



Description

Toll restriction can help eliminate phone calls abuse and control cost.
There are five classes of service available for each extension.

	Service Class Selections	
	Allowed	Denied
1	All calls	
2	20 codes programmed (Exceptional Code Assignment location 01~20)	20 codes programmed (Class 2 Denied Code Assignment)
3	15 codes programmed (Exceptional Code Assignment location 01~15)	40 codes programmed (Class 2 Denied Code Assignment Class 3 Denied Code Assignment)
4	10 codes programmed (Exceptional Code Assignment location 01~10)	60 codes programmed (Class 2 Denied Code Assignment Class 3 Denied Code Assignment Class 4 Denied Code Assignment)
5	5 codes programmed (Exceptional Code Assignment location 01~05)	80 codes programmed (Class 2 Denied Code Assignment Class 3 Denied Code Assignment Class 4 Denied Code Assignment Class 5 Denied Code Assignment)

● For Class 2, 3, 4, 5 Denied Code Assignment, see page 21.

Programming

1. ● Dial (61) for day mode.
   ● Dial (62) for night mode.
   "Jack NO? →" will be displayed.
2. Press the NEXT button or dial the jack number (01 through 32).
   "#01: Class-1" will be displayed and "1" will blink.
   #01 ← jack number
3. Press the service class number (1 through 5).
4. Press the MEMORY button.
   The LCD will stop blinking.
5. ● To advance to the next jack number, press the NEXT button.
   ● To return to the previous jack number, press the PREV button.
   ● To go to the desired jack number, press the SELECT button and then dial the jack number.
6. Repeat steps 3 to 5, to program the assignment of the other jack numbers.
7. To return to the initial programming mode, press the END button.

Programming Table

See pages 54 and 55.

Example:

■ Application of denied dial number and exceptional dial number to service class 2, 3, 4 and 5.

Service Class	Denied Dial Number	Exceptional Dial Number
2	200 ✳✳✳✳	2201 ✳✳✳ 2301 ✳✳✳ 2401 ✳✳✳
3	200 ✳✳✳✳ 333 ✳✳✳✳	2301 ✳✳✳ 2401 ✳✳✳
4	200 ✳✳✳✳ 333 ✳✳✳✳ 444 ✳✳✳✳	2401 ✳✳✳
5	200 ✳✳✳✳ 333 ✳✳✳✳ 444 ✳✳✳✳	

■ Entry of dial number to a code (memory location)

Class-2 Denied Code

Code	Dial No.
01	200 ✳✳✳✳
02 ⟨ 20	

Class-3 Denied Code

Code	Dial No.
01	333 ✳✳✳✳
02 ⟨ 20	

Class-4 Denied Code

Code	Dial No.
01	444 ✳✳✳✳
02 ⟨ 20	

Class-5 Denied Code

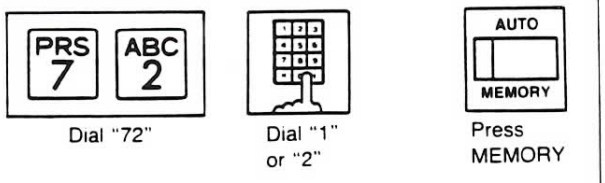
Code	Dial No.
01 ⟨ 20	

Exceptional Code

Code	Dial No.
01	
02	
03	
04	
05	
06	2401 ✳✳✳
07	
08	
09	
10	
11	2301 ✳✳✳
12	
13	
14	
15	
16	2201 ✳✳✳
17	
18	
19	
20	

● "F3-One Touch Button Mode Selection" is changed as follows. (See page 4-65 in another Installation Manual.)

F3-FWD/DND Button Selection (for KX-T7050, KX-T123250, KX-T61650, KX-T30850)



Dial "72" — Dial "1" or "2" — Press MEMORY

["1": for Programmable feature
"2": for DND/FWD/Account code]

Description

The F3 button can be changed from programmable feature button to call forwarding/do not disturb/account code button.

dial 1 mode ..... programmable feature function
dial 2 mode ..... call forwarding/do not disturb/account code function

Operation

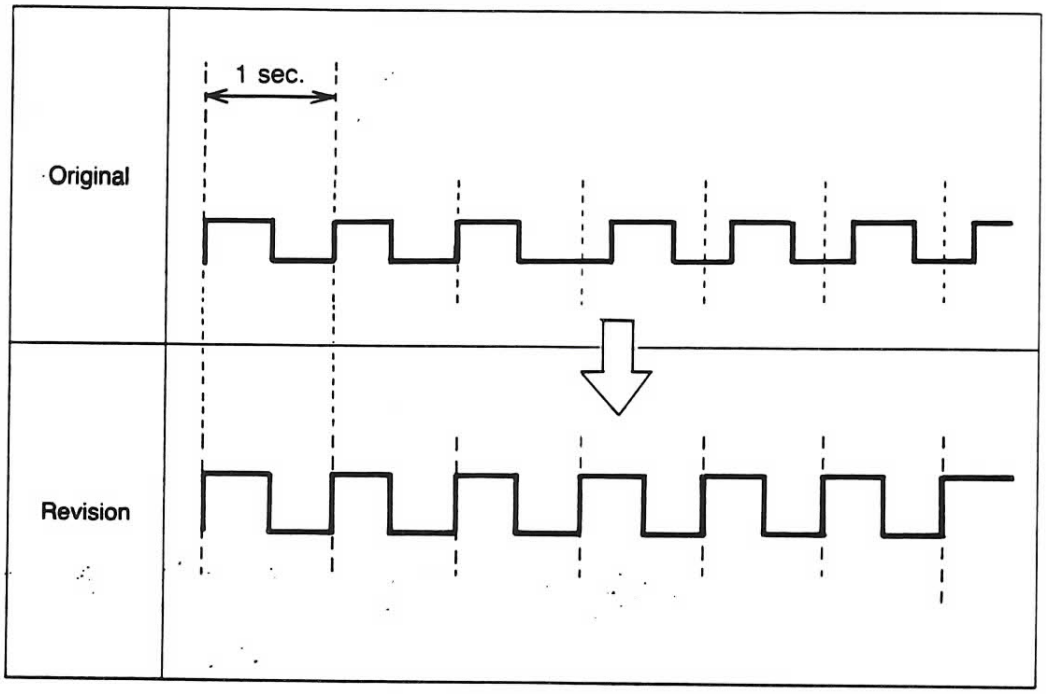
Setting

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

1. Dial (7) (2).
   "Feature Button" will be displayed.
2. Dial (1) for programmable feature function or dial (2) for call forwarding/do not disturb/account code function.
3. Press the MEMORY button.

- After programming the F3 button, return the MEMORY Switch to the "**SET**" position.

● Busy tone is revised as follows (see page 6-7 in another Installation Manual):



Canceled Features

The listed features are canceled from KX-T123211D.

Page of Installation Manual	Program address	Title
3-18	10	Area Type Selection
3-19	11	CO Operator Call — Boundary Class
3-25	17	Hold Time Reminder

PROGRAMMING TABLE

Date and Time Setting

PROGRAM ADDRESS: 00

AB ⇨ SELECT ⇨ CD ⇨ SELECT ⇨ E F ⇨ GH ⇨ SELECT MEMORY END

- AB: year
- CD: month
- SELECT: day
- SELECT: day of the week
- E F: hour
- GH: minute
- SELECT: AM / PM

System Speed Dialing Entry

PROGRAM ADDRESS: 01 OR AUTO

SELECT

AB CD phone number MEMORY END

- AB: Speed access code (00 through 99)
- CD: 9 : automatic line access number
- CD: 8 1 through 8 8 : access number of Trunk Group

Extension Number Assignment

PROGRAM ADDRESS: 02

NEXT CDE MEMORY END

- CDE: dial the extension number (100 through 199)
- NEXT: until the desired jack number (01 through 32) appears

Jack NO	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
EXT NO (default)	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
EXT NO (change)																

Jack NO	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
EXT NO (default)	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132
EXT NO (change)																

Operator Assignment

PROGRAM ADDRESS: 03

NEXT AB MEMORY END

- AB: dial the jack number set operator (01 through 32)
- NEXT: until the desired operator number (1 or 2) appears

	Jack number set operator
Operator 1	

	Jack number set operator
Operator 2	

Paired Telephone Assignment for DSS Console

PROGRAM ADDRESS: 04

NEXT AB MEMORY NEXT CD MEMORY END

- AB: dial the jack number paired with console 1 (01 through 32)
- CD: dial the jack number paired with console 2 (01 through 32)

	Jack number paired with Console 1
Default	01
To make program change	

	Jack number paired with Console 2
Default	02
To make program change	

Automatic CO Transfer Using DSS Button

PROGRAM ADDRESS: 05

SELECT MEMORY END

- SELECT: With Transfer / Without Transfer

	Default	To make program change
With Transfer	×	
Without Transfer		

TO SET / PROGRAM ADDRESS / STEPS REQUIRED TO CHANGE PROGRAM

Day/Night Service Mode — Switching of Service Mode

PROGRAM ADDRESS: 06

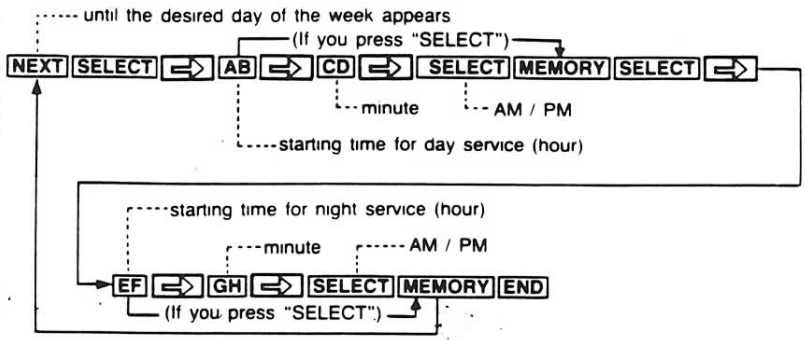
SELECT → MEMORY → END

Manual / Automatic

	Default	To make program change
Manual	×	
Automatic		

Starting Time

PROGRAM ADDRESS: 07



	Default	To make program change			
	all days of the week	Sunday	Monday	Tuesday	Wednesday
Day service	9:00 AM				
Night service	5:00 PM				

To make program change		
Thursday	Friday	Saturday

Call Hunting Setting

PROGRAM ADDRESS: 08

NEXT → SELECT → MEMORY → END

Disable / Enable

until the desired extension group number (1 through 8) appears

	Default	To make program change							
	all 8 extension groups	Extension group							
		group 1	group 2	group 3	group 4	group 5	group 6	group 7	group 8
Disable	×								
Enable									

Hunting Type

PROGRAM ADDRESS: 09

NEXT → SELECT → MEMORY → END

Terminate / Circular

until the desired extension group number (1 through 8) appears

	Default	To make program change							
	all 8 extension groups	Extension group							
		group 1	group 2	group 3	group 4	group 5	group 6	group 7	group 8
Terminate	×								
Circular									

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Toll Restriction - System Speed Dialing	12	SELECT MEMORY END CLASS1/CLASS2/CLASS3/CLASS4/CLASS5

	Default	To make program change
CLASS 1	X	
CLASS 2		
CLASS 3		
CLASS 4		
CLASS 5		

Toll Restriction
- Class 2 Denied Code Assignment

13

NEXT E MEMORY END
phone number with 7 digits
until the desired memory location number (01 through 20) appears

	Memory location number				
	01	02	03	04	05
	06	07	08	09	10
Phone number entry					
	11	12	13	14	15
	16	17	18	19	20

- Class 3 Denied Code Assignment

14

NEXT E MEMORY END
phone number with 7 digits
until the desired memory location number (01 through 20) appears

	Memory location number				
	01	02	03	04	05
	06	07	08	09	10
Phone number entry					
	11	12	13	14	15
	16	17	18	19	20

- Class 4 Denied Code Assignment

15

NEXT E MEMORY END
phone number with 7 digits
until the desired memory location number (01 through 20) appears

	Memory location number				
	01	02	03	04	05
	06	07	08	09	10
Phone number entry					
	11	12	13	14	15
	16	17	18	19	20

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
- Class 5 Denied Code Assignment	16	NEXT E MEMORY END .....phone number with 7 digits .....until the desired memory location number (01 through 20) appears

	Memory location number				
Phone number entry	01	02	03	04	05
	06	07	08	09	10
	11	12	13	14	15
	16	17	18	19	20

Toll Restriction - Exceptional Code Assignment	17	NEXT AB C MEMORY END .....phone number with 7 digits .....until the desired memory location number (01 through 20) appears

	Memory location number				
Phone number entry	01	02	03	04	05
	06	07	08	09	10
	11	12	13	14	15
	16	17	18	19	20

Hold Recall Time Set	18	SELECT MEMORY END .....30 sec / 1 min / 1.5 min / 2 min / 3 min / 4 min / 5 min / 6 min / Disable

	30 seconds	1 minutes	1.5 minutes	2 minutes	3 minutes	4 minutes	5 minutes	6 minutes	Disable
Default	×								
To make program change									

Transfer Recall Time	19	SELECT MEMORY END .....30 sec / 2 min

	Default	To make program change
30 sec	×	
2 min		

<table>
<tr><th>TO SET</th><th>PROGRAM ADDRESS</th><th>STEPS REQUIRED TO CHANGE PROGRAM</th></tr>
<tr><td>Call Forwarding Starting Time</td><td>20</td><td>SELECT MEMORY END
……1 ring delay / 2 rings delay / 3 rings delay / 4 rings delay
<table>
<tr><th></th><th>Default</th><th>To make program change</th></tr>
<tr><td>1 ring delay</td><td></td><td></td></tr>
<tr><td>2 rings delay</td><td></td><td></td></tr>
<tr><td>3 rings delay</td><td>×</td><td></td></tr>
<tr><td>4 rings delay</td><td></td><td></td></tr>
</table></td></tr>
<tr><td>Pickup Dial Delay Time</td><td>21</td><td>SELECT MEMORY END
……1 sec / 2 sec / 3 sec / 4 sec
<table>
<tr><th></th><th>Default</th><th>To make program change</th></tr>
<tr><td>1 sec</td><td></td><td></td></tr>
<tr><td>2 sec</td><td></td><td></td></tr>
<tr><td>3 sec</td><td>×</td><td></td></tr>
<tr><td>4 sec</td><td></td><td></td></tr>
</table></td></tr>
<tr><td>CO-to-CO Duration Time Limit</td><td>22</td><td>AB MEMORY END
…… dial the time (1 minute through 32 minutes)
<table>
<tr><th></th><th>Default</th><th>To make program change</th></tr>
<tr><td>minute</td><td>10</td><td></td></tr>
</table></td></tr>
<tr><td>SMDR

RS-232C Communication Parameters</td><td>23</td><td>(Carriage return for a new line)
SELECT MEMORY
……CR + LF / CR
<table>
<tr><th></th><th>Default</th><th>To make program change</th></tr>
<tr><td>CR + LF</td><td>×</td><td></td></tr>
<tr><td>CR</td><td></td><td></td></tr>
</table>
(Baud rate)
NEXT SELECT MEMORY
……110B / 150B / 300B / 600B / 1200B / 2400B / 4800B / 9600B
<table>
<tr><th></th><th>110B</th><th>150B</th><th>300B</th><th>600B</th><th>1200B</th><th>2400B</th><th>4800B</th><th>9600B</th></tr>
<tr><td>Default</td><td></td><td></td><td></td><td></td><td>×</td><td></td><td></td><td></td></tr>
<tr><td>To make program change</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>
(Word length)
NEXT SELECT MEMORY
……7 bits / 8 bits
<table>
<tr><th></th><th>Default</th><th>To make program change</th></tr>
<tr><td>7 bits</td><td>×</td><td></td></tr>
<tr><td>8 bits</td><td></td><td></td></tr>
</table></td></tr>
</table>

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
SMDR (cont.)		(Parity) NEXT SELECT MEMORY ……None / Mark / Space / Even / Odd

	None	Mark	Space	Even	Odd
Default		×			
To make program change					

(Stop bit length)

NEXT SELECT MEMORY END

……1 bit / 2 bits

	Default	To make program change
1 bit	×	
2 bits		

SMDR Parameters	24	(Page length) AB MEMORY ……4 through 99 lines

	Default	To make program change
Lines per page	66	

(Skip perforation)

NEXT AB MEMORY END

……0 through 95 lines

	Default	To make program change
Skipping lines	0	

Incoming/ Outgoing Call Selection for printing	25	SELECT MEMORY NEXT SELECT MEMORY END ……Outgoing : On/Off/Toll ……Incoming : On/Off

	Outgoing			Incoming	
	ON	OFF	TOLL	ON	OFF
Default	×			×	
To make program change					

Secret Speed Dial / One Touch Dial Printing	26	SELECT MEMORY END ……No Printing / Printing

	Default	To make program change
No Printing	×	
Printing		

SMDR (cont.) System Data Dump

PROGRAM ADDRESS: 27

- All Parameters
- System Parameter
- Speed Dial
- Stop Output

SELECT MEMORY END

..... All Para / System Para / Speed Dial / Stop Output

- CO Parameter

SELECT MEMORY AB MEMORY END

.....dial the CO number (01 through 12)

.....until the CO Para appears

- Extension Parameter

SELECT MEMORY AB MEMORY END

.....dial jack number (01 through 32)

.....until the EXT Para appears

- DSS Parameter

SELECT MEMORY A MEMORY END

..... dial DSS number (1 or 2)

.....until the DSS Para appears

Duration Time Count Start Mode

PROGRAM ADDRESS: 28

SELECT MEMORY END

..... Instantly / 5s after dial / 10s after dial / 15s after dial

	Default	To make program change
Instantly		
5s after dial	×	
10s after dial		
15s after dial		

External Paging Access Tone

PROGRAM ADDRESS: 29

NEXT SELECT MEMORY END

.....Enable / Disable

.....until the desired external paging equipment number (1 or 2) appears

	Default	To make program change	
	External paging 1 and 2	External paging equipment	
		1	2
Enable	×		
Disable			

DTMF Receiver Check

PROGRAM ADDRESS: 30

NEXT SELECT MEMORY END

.....Enable/Disable

.....until the desired DTMF receiver appears

	Default	To make program change		
DTMF receiver	1, 2, 3	1	2	3
Enable	×			
Disable				

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Direct Inward System Access (DISA)	31	(Control code "✱")

SELECT SELECT MEMORY

..... Enable / Disable

	Default	To make program change
Enable	×	
Disable		

(Prolong time)

NEXT SELECT SELECT MEMORY

..... 2 min / 3 min / 4 min / 5 min

	2 minutes	3 minutes	4 minutes	5 minutes
Default				×
To make program change				

(Answer delay time)

NEXT SELECT SELECT MEMORY

..... 0 sec / 5 sec / 10 sec / 15 sec

	0 second	5 seconds	10 seconds	15 seconds
Default			×	
To make program change				

(Tone detect)

NEXT SELECT SELECT MEMORY

..... Enable / Disable

	Default	To make program change
Enable	×	
Disable		

(Security type)

NEXT SELECT SELECT MEMORY

..... None Security / Trunk Security / All Security

	None Security	Trunk Security	All Security
Default		×	
To make program change			

(Remote security code)

NEXT SELECT CODE No. MEMORY

..... 4 digits (0000 through 9999)

Default	To make program change
70000	

(User security code)

NEXT SELECT SELECT CODE No. MEMORY END

..... 4 digits (0000 through 9999)

..... User Code 1 / User Code 2 / User Code 3 / User Code 4

	Default	To make program change
User code 1	60000	
User code 2	60000	
User code 3	60000	
User code 4	60000	

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Off Premise Extension	32	SELECT MEMORY END ..... Disable / Enable

	Default	To make program change
Enable		
Disable	×	

Off Hook Call Announcement (OHCA)	33	SELECT MEMORY END ..... Disable / Enable

	Default	To make program change
Enable	×	
Disable		

System Working Report	34	SELECT MEMORY END ..... Dump Start / Dump Stop / SWR Data Clear

	Default	To make program change
Dump Start	×	
Dump Stop		
SWR Data Clear		

Carrier Codes Assignment	35	NEXT C MEMORY END ..... carrier code with up to 10 digits ..... until the desired location number (01 through 05) appears

Location number	Carrier code
01	
02	
03	
04	
05	

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM

CO Connection Assignment — 40

NEXT → SELECT → MEMORY → END

SELECT: Connect / Not Connect

NEXT: until the desired CO number (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Connect													
Not connect													

Dial Mode

DTMF / Pulse / Call Blocking Selection — 41

NEXT → SELECT → MEMORY → END

SELECT: DTMF Mode / Pulse Mode / Call Blocking Mode

NEXT: until the desired CO number (01 through 12) appears

	Default	Tomake program charge											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Tone (DTMF) Mode	×												
Pulse Mode													
Call Blocking Mode													

Pulse Speed Selection — 42

NEXT → SELECT → MEMORY → END

SELECT: Low Speed / High Speed

NEXT: until the desired CO number (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Low Speed													
High Speed													

Host PBX Access Codes Assignment — 43

NEXT → A...H → MEMORY → END

A...H: up to 8 outside access codes each with a maximum of 2 digits

NEXT: until the desired CO number (01 through 12) appears

CO	Outside access codes of the host PBX							
01								
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Trunk Group Assignment	44	NEXT → A → MEMORY → END A: dial the trunk group number (1 through 8) NEXT: until the desired CO number (01 through 12) appears

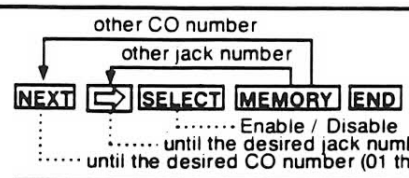
Default

	CO number											
	01	02	03	04	05	06	07	08	09	10	11	12
Trunk group 1	·											
Trunk group 2		·										
Trunk group 3			×									
Trunk group 4				×								
Trunk group 5					×							
Trunk group 6						×						
Trunk group 7							×					
Trunk group 8								×	×	×	×	×

To make program change

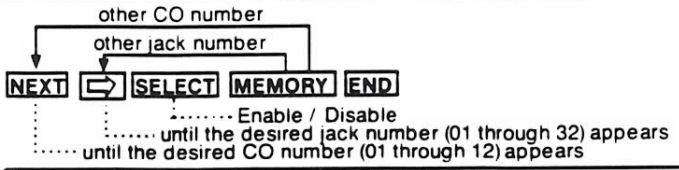
	CO number											
	01	02	03	04	05	06	07	08	09	10	11	12
Trunk group 1				·								
Trunk group 2												
Trunk group 3												
Trunk group 4												
Trunk group 5												
Trunk group 6												
Trunk group 7												
Trunk group 8												

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Flexible Outward Dialing Assignment Day Mode	45	



		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Enable	×																
	Disable																	
CO 2	Enable	×																
	Disable																	
CO 3	Enable	×																
	Disable																	
CO 4	Enable	×																
	Disable																	
CO 5	Enable	×																
	Disable																	
CO 6	Enable	×																
	Disable																	
CO 7	Enable	×																
	Disable																	
CO 8	Enable	×																
	Disable																	
CO 9	Enable	×																
	Disable																	
CO10	Enable	×																
	Disable																	
CO11	Enable	×																
	Disable																	
CO12	Enable	×																
	Disable																	

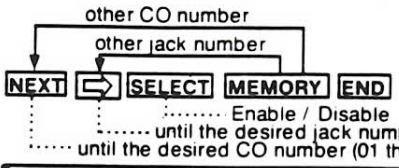
		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Enable																
	Disable																
CO 2	Enable																
	Disable																
CO 3	Enable																
	Disable																
CO 4	Enable																
	Disable																
CO 5	Enable																
	Disable																
CO 6	Enable																
	Disable																
CO 7	Enable																
	Disable																
CO 8	Enable																
	Disable																
CO 9	Enable																
	Disable																
CO 10	Enable																
	Disable																
CO 11	Enable																
	Disable																
CO 12	Enable																
	Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Flexible Outward Dialing Assignment (cont.) Night Mode	46	

		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Enable	*																
	Disable																	
CO 2	Enable	*																
	Disable																	
CO 3	Enable	*																
	Disable																	
CO 4	Enable	*																
	Disable																	
CO 5	Enable	*																
	Disable																	
CO 6	Enable	*																
	Disable																	
CO 7	Enable	*																
	Disable																	
CO 8	Enable	*																
	Disable																	
CO 9	Enable	*																
	Disable																	
CO10	Enable	*																
	Disable																	
CO11	Enable	*																
	Disable																	
CO12	Enable	*																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Enable																
	Disable																
CO 2	Enable																
	Disable																
CO 3	Enable																
	Disable																
CO 4	Enable																
	Disable																
CO 5	Enable																
	Disable																
CO 6	Enable																
	Disable																
CO 7	Enable																
	Disable																
CO 8	Enable																
	Disable																
CO 9	Enable																
	Disable																
CO 10	Enable																
	Disable																
CO 11	Enable																
	Disable																
CO 12	Enable																
	Disable																

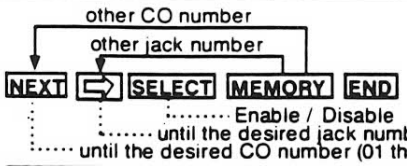
TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Flexible Ringing Assignment Day Mode	47	



		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Enable	×																
	Disable																	
CO 2	Enable	×																
	Disable																	
CO 3	Enable	×																
	Disable																	
CO 4	Enable	×																
	Disable																	
CO 5	Enable	×																
	Disable																	
CO 6	Enable	×																
	Disable																	
CO 7	Enable	×																
	Disable																	
CO 8	Enable	×																
	Disable																	
CO 9	Enable	×																
	Disable																	
CO10	Enable	×																
	Disable																	
CO11	Enable	×																
	Disable																	
CO12	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Enable																
	Disable																
CO 2	Enable																
	Disable																
CO 3	Enable																
	Disable																
CO 4	Enable																
	Disable																
CO 5	Enable																
	Disable																
CO 6	Enable																
	Disable																
CO 7	Enable																
	Disable																
CO 8	Enable																
	Disable																
CO 9	Enable																
	Disable																
CO 10	Enable																
	Disable																
CO 11	Enable																
	Disable																
CO 12	Enable																
	Disable																

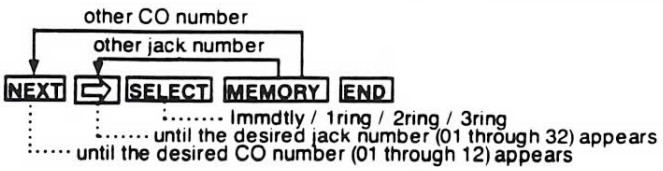
TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Flexible Ringing Assignment (cont.) Night Mode	48	



		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Enable	×																
	Disable																	
CO 2	Enable	×																
	Disable																	
CO 3	Enable	×																
	Disable																	
CO 4	Enable	×																
	Disable																	
CO 5	Enable	×																
	Disable																	
CO 6	Enable	×																
	Disable																	
CO 7	Enable	×																
	Disable																	
CO 8	Enable	×																
	Disable																	
CO 9	Enable	×																
	Disable																	
CO10	Enable	×																
	Disable																	
CO11	Enable	×																
	Disable																	
CO12	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Enable																
	Disable																
CO 2	Enable																
	Disable																
CO 3	Enable																
	Disable																
CO 4	Enable																
	Disable																
CO 5	Enable																
	Disable																
CO 6	Enable																
	Disable																
CO 7	Enable																
	Disable																
CO 8	Enable																
	Disable																
CO 9	Enable																
	Disable																
CO 10	Enable																
	Disable																
CO 11	Enable																
	Disable																
CO 12	Enable																
	Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Delayed Ringing Assignment Day Mode	49	



		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 2	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 3	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 4	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 5	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 6	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 7	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 8	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 9	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO10	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO11	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO12	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	

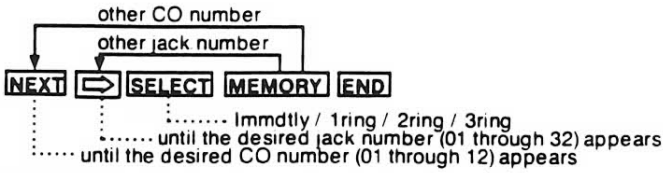
TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM

Delayed Ringing Assignment

Day Mode (cont.)

		To make program change: Jack number 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Immdtly																
	1ring																
	2rings																
	3rings																
CO 2	Immdtly																
	1ring																
	2rings																
	3rings																
CO 3	Immdtly																
	1ring																
	2rings																
	3rings																
CO 4	Immdtly																
	1ring																
	2rings																
	3rings																
CO 5	Immdtly																
	1ring																
	2rings																
	3rings																
CO 6	Immdtly																
	1ring																
	2rings																
	3rings																
CO 7	Immdtly																
	1ring																
	2rings																
	3rings																
CO 8	Immdtly																
	1ring																
	2rings																
	3rings																
CO 9	Immdtly																
	1ring																
	2rings																
	3rings																
CO10	Immdtly																
	1ring																
	2rings																
	3rings																
CO11	Immdtly																
	1ring																
	2rings																
	3rings																
CO12	Immdtly																
	1ring																
	2rings																
	3rings																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Delayed Ringing Assignment (cont.) Night Mode	50	



		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
CO 1	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 2	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 3	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 4	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 5	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 6	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 7	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 8	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO 9	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO10	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO11	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	
CO12	Immdtly	×																
	1ring																	
	2rings																	
	3rings																	

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM

Delayed Ringing Assignment

Night Mode (cont.)

		To make program change: Jack number 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
CO 1	Immdtly																
	1ring																
	2rings																
	3rings																
CO 2	Immdtly																
	1ring																
	2rings																
	3rings																
CO 3	Immdtly																
	1ring																
	2rings																
	3rings																
CO 4	Immdtly																
	1ring																
	2rings																
	3rings																
CO 5	Immdtly																
	1ring																
	2rings																
	3rings																
CO 6	Immdtly																
	1ring																
	2rings																
	3rings																
CO 7	Immdtly																
	1ring																
	2rings																
	3rings																
CO 8	Immdtly																
	1ring																
	2rings																
	3rings																
CO 9	Immdtly																
	1ring																
	2rings																
	3rings																
CO10	Immdtly																
	1ring																
	2rings																
	3rings																
CO11	Immdtly																
	1ring																
	2rings																
	3rings																
CO12	Immdtly																
	1ring																
	2rings																
	3rings																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
CO Mode (Normal / DIL / DISA) Assignment Day Mode	51	● Selecting the "Normal" or "DISA" mode NEXT → SELECT → MEMORY → END SELECT: Normal / DISA NEXT: until the desired CO number (01 through 12) appears ● Selecting the "DIL" mode NEXT → SELECT → CD → MEMORY → END SELECT: DIL CD: Dial jack number (01 through 32) NEXT: until the desired CO number (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Normal	×												
DIL													
DISA													

When "DIL" mode

	CO number											
	01	02	03	04	05	06	07	08	09	10	11	12
Jack number												

Night Mode	52	● Selecting the "Normal" or "DISA" mode NEXT → SELECT → MEMORY → END SELECT: Normal / DISA NEXT: until the desired CO number (01 through 12) appears ● Selecting the "DIL" mode NEXT → SELECT → CD → MEMORY → END SELECT: DIL CD: Dial jack number (01 through 32) NEXT: until the desired CO number (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Normal	×												
DIL													
DISA													

When "DIL" mode

	CO number											
	01	02	03	04	05	06	07	08	09	10	11	12
Jack number												

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Pause Time Assignment	53	NEXT SELECT MEMORY END ..... 1.5sec / 2.5sec / 3.5sec / 4.5sec ..... until the desired CO number (01 through 12) appears

	Default	To make program change											
		CO number											
	all CO's	01	02	03	04	05	06	07	08	09	10	11	12
1.5sec													
2.5sec													
3.5sec	×												
4.5sec													

Hookswitch Flash Timing	54

NEXT SELECT MEMORY END

..... 300ms / 600ms / 900ms / 1200ms

..... until the desired CO number (01 through 12) appears

	Default	To make program change											
		CO number											
	all CO's	01	02	03	04	05	06	07	08	09	10	11	12
300ms													
600ms	×												
900ms													
1200ms													

Calling Party Control (CPC) Signal	55

..... until the desired CO number (01 through 12) appears

NEXT AB MEMORY END

AB = 00 : Disable
01 : under 5 m seconds
02 : } is not available
05 : }
06 : 62 m seconds
07 : 70
42 : 350 ---- default (all 12 CO's)
75 : 614
See the "CPC Signal Delect Time table" page 3-63.

Default	To make program change											
	CO number											
all CO's	01	02	03	04	05	06	07	08	09	10	11	12
350 m sec												

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Disconnect Time	56	NEXT SELECT MEMORY END 1.5 sec / 4.0 sec until the desired CO umber (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
1.5 sec	×												
4.0 sec													

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Automatic Designated CO Line Access	57	NEXT SELECT MEMORY END Enable/Disable until the desired CO number (01 through 12) appears

	Default	To make program change											
	all CO's	CO number											
		01	02	03	04	05	06	07	08	09	10	11	12
Enable	×												
Disable													

Extension Group Assignment

PROGRAM ADDRESS: 60

NEXT → A → MEMORY → END

- A: dial the extension group number (1 through 8)
- NEXT: until the desired jack number (01 through 32) appears

	Default all jack numbers	To make program change: Jack number 01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
EXT GRP-1	×																
EXT GRP-2																	
EXT GRP-3																	
EXT GRP-4																	
EXT GRP-5																	
EXT GRP-6																	
EXT GRP-7																	
EXT GRP-8																	

	To make program change: Jack number 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
EXT GRP-1																
EXT GRP-2																
EXT GRP-3																
EXT GRP-4																
EXT GRP-5																
EXT GRP-6																
EXT GRP-7																
EXT GRP-8																

Service Class Assignment of Toll Restriction

Day Mode

PROGRAM ADDRESS: 61

NEXT → C → MEMORY → END

- C: dial the service class number (1 through 5)
- NEXT: until the desired jack number (01 through 32) appears

	Default all jack numbers	To make program change: Jack number 01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Class 1	×																
Class 2																	
Class 3																	
Class 4																	
Class 5																	

	To make program change: Jack number 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Class 1																
Class 2																
Class 3																
Class 4																
Class 5																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Service Class Assignment of Toll Restriction (cont.) Night Mode	62	NEXT → C → MEMORY → END C: dial the service class number (1 through 5) NEXT: until the desired jack number (01 through 32) appears

	Default	To make program change															
	all jack numbers	Jack number															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Class 1	×																
Class 2																	
Class 3																	
Class 4																	
Class 5																	

	To make program change															
	Jack number															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Class 1																
Class 2																
Class 3																
Class 4																
Class 5																

Extension Name	63	NEXT → D → SELECT → MEMORY → END SELECT: until the desired letter appears D: dial (0 through 9, ✱ , or ⌗) NEXT: until the desired jack number (01 through 32) appears
Account Code Input Mode	64	NEXT → SELECT → MEMORY → END SELECT: Option / Forced NEXT: until the desired jack number (01 through 32) appears

	Default	To make program change															
	all jack numbers	Jack number															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Option	×																
Forced																	

	To make program change															
	Jack number															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Option																
Forced																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Call Transfer To Outside Line	65	NEXT SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears
Call Forwarding To Outside Line	66	NEXT SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears
Executive Override	67	NEXT SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears

	Default	To make program change															
	all jack numbers	Jack number															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Enable																	
Disable	×																

	To make program change															
	Jack number															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Enable																
Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Do not Disturb Override	68	NEXT SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears

	Default	To make program change															
	all jack numbers	Jack number															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Enable																	
Disable	×																

	To make program change															
	Jack number															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Enable																
Disable																

Standard Telephone Connection with Proprietary Telephone	69	NEXT SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears

	Default	To make program change															
	all jack numbers	Jack number															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Enable																	
Disable	×																

	To make program change															
	Jack number															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Enable																
Disable																

Ringing Assignment of Doorphone Day Mode	70	another doorphone number other jack number NEXT ⇨ SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears until the desired doorphone number (1 or 2) appears

		Default	To make program change															
		all jack numbers	Jack number															
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Doorphone 1	Enable																	
	Disable																	
Doorphone 2	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Doorphone 1	Enable																
	Disable																
Doorphone 2	Enable																
	Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Ringing Assignment of Doorphone (cont.) Night Mode	71	another doorphone number other jack number NEXT ⇨ SELECT MEMORY END ..... Enable / Disable ..... until the desired jack number (01 through 32) appears ..... until the desired doorphone number (1 or 2) appears

		Default	To make program change														
		all jack numbers	Jack number														
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Doorphone 1	Enable	×																
	Disable																	
Doorphone 2	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Doorphone 1	Enable																
	Disable																
Doorphone 2	Enable																
	Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Assignment of Door Opener Day Mode	72	another door opener number other jack number NEXT ⇨ SELECT MEMORY END ..... Enable / Disable ..... until the desired jack number (01 through 32) appears ..... until the desired door opener number (1 or 2) appears

		Default	To make program change														
		all jack numbers	Jack number														
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Door Opener 1	Enable	×																
	Disable																	
Door Opener 2	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Door Opener 1	Enable																
	Disable																
Door Opener 2	Enable																
	Disable																

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM
Assignment of Door Opener (cont.) Night Mode	7 3	another door opener number other jack number NEXT ⇨ SELECT MEMORY END Enable / Disable until the desired jack number (01 through 32) appears until the desired door opener number (1 or 2) appears

		Default	To make program change														
		all jack numbers	Jack number														
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Door Opener 1	Enable	×																
	Disable																	
Door Opener 2	Enable	×																
	Disable																	

		To make program change															
		Jack number															
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Door Opener 1	Enable																
	Disable																
Door Opener 2	Enable																
	Disable																

Call on Hold for Standard Telephone	9 1	SELECT MEMORY END Hold-1/Hold-2

	Default	To make program change
Hold-1	×	
Hold-2		

System Data Clear	9 9	● All Parameters ● System Parameter ● Speed Dial SELECT MEMORY END All Para / System Para / Speed Dial ● CO Parameter SELECT MEMORY AB MEMORY END dial CO number (01 through 12) until the CO Para appears ● Extension Parameter SELECT MEMORY AB MEMORY END dial jack number (01 through 32) until the EXT Para appears ● DSS Parameter SELECT MEMORY A MEMORY END dial DSS number (1 or 2) until the DSS Para appears

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