

ELECTRONIC MODULAR SWITCHING SYSTEM KX-T30810B

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-T30810B which has the mark ③ on the plate as shown below.



Note:

1. Use the "STORE" key instead of "MEMORY" key, for KX-T7020, 7030, 7050 and 7130 do not have the "MEMORY" key.
2. Use the "AUTO ANSWER" key instead of "AUTO ANS" key, for KX-T7020, 7030, 7050 and 7130 do not have the "AUTO ANS" key.
3. For the Features of Flexible keys, refer to this manual.
4. Extension 11 should be connected to proprietary telephone with LCD 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 3 of this manual. This manual describes the revised procedures from which step 2 has already been deleted.

System Component

	<i>Model No.</i>	<i>Description</i>
<i>Service unit</i>	<i>KX-T30810B</i>	<i>Electronic Modular Switching System</i>
<i>Telephone</i>	<i>KX-T30820</i> <i>KX-T30830</i> <i>KX-T30850</i> <i>KX-T7020</i> <i>KX-T7030</i> <i>KX-T7050</i> <i>KX-T7130</i>	<i>EMSS Proprietary Telephone</i> <i>EMSS Proprietary Telephone with LCD</i> <i>EMSS Proprietary Telephone</i> <i>EMSS Proprietary Telephone</i> <i>EMSS Proprietary Telephone with LCD</i> <i>EMSS Proprietary Telephone</i> <i>EMSS Proprietary Telephone with LCD</i>
<i>Optional equipment</i>	<i>KX-T30860</i> <i>KX-T30865</i> <i>KX-T30890</i> <i>KX-A16B</i> <i>KX-A20</i>	<i>Doorphone Adaptor</i> <i>Doorphone</i> <i>Headset</i> <i>System Back-up Unit</i> <i>Cable Kit with Terminal</i>

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Example of Programming

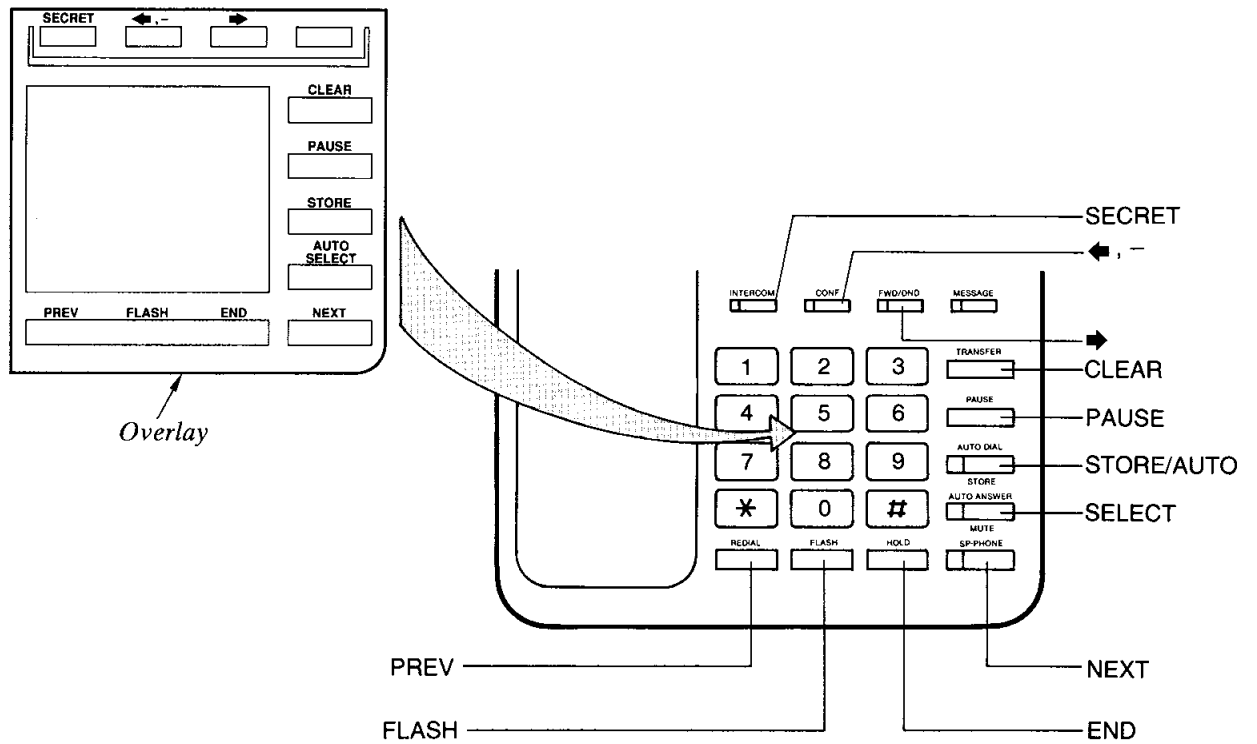
All the programming procedures described in the Installation Manual have been modified. Delete step 2; "Press the NEXT button" from every feature of the programming in another Installation Manual. See the example below—the portion that should be deleted is shown shaded.

This manual describes the revised procedures from which step 2 has already been deleted, as "Revision" below.

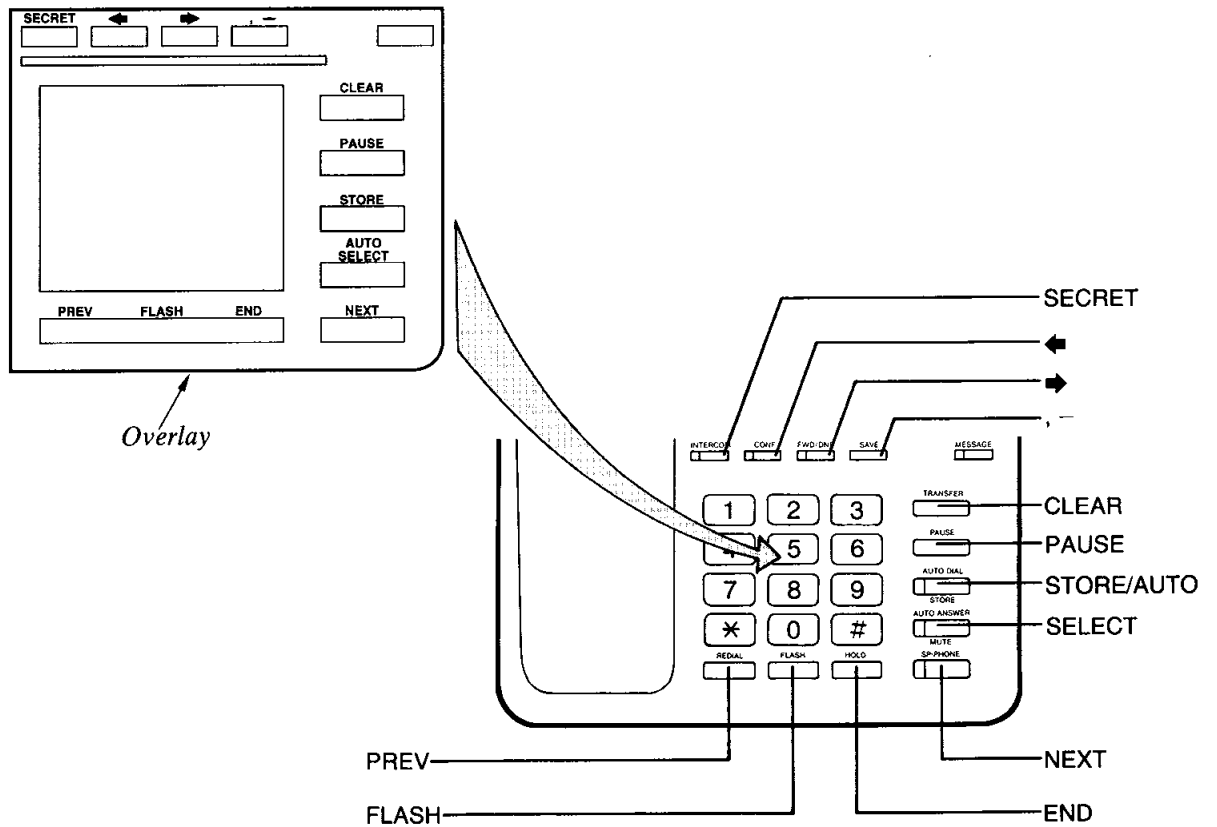
Original	Revision
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> AB=[00]: speed access code 00 ⋮ [99]: speed access code 99 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> CD=[9]: automatic line access number [81]: line access number of CO 1 [82]: line access number of CO 2 [83]: line access number of CO 3 </div> <p>[01][NEXT][AB][CD][phone number][MEMORY][END]</p> <p style="text-align: center;">↑ [SELECT]</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> AB=[00]: speed access code 00 ⋮ [79]: speed access code 79 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> CD=[9]: automatic line access number [81]: line access number of CO 1 [82]: line access number of CO 2 [83]: line access number of CO 3 </div> <p>[01][AB][CD][phone number][MEMORY][END]</p> <p style="text-align: center;">↑ [SELECT]</p>
<ol style="list-style-type: none"> 1. Dial (01) or press the AUTO button to go into the speed dialing entry mode. "SPEED DIALING" will be displayed. 2. Press the NEXT button. "ENTER SPEED CODE" will be displayed. 3. Dial (00 through 99) or press the NEXT button, for speed access code entry. 4. Enter the line access number. 5. Enter the phone number. 6. Press the MEMORY button. The memory indicator will be lit. 7. To program desired speed access code, press the SELECT button and then dial the speed access code. To advance to the next speed access code, press the NEXT button. To return to the previous speed access code, press the PREV button. 8. Repeat steps 4 to 7. 9. To exit from speed dialing entry, press the END button. 	<ol style="list-style-type: none"> 1. Dial (01) or press the AUTO button to go into the speed dialing entry mode. "ENTER SPEED CODE" will be displayed. 2. Dial (00 through 79) or press the NEXT button, for speed access code entry. 3. Enter the line access number. 4. Enter the phone number. 5. Press the MEMORY button. The memory indicator will be lit. 6. To program desired speed access code, press the SELECT button and then dial the speed access code. To advance to the next speed access code, press the NEXT button. To return to the previous speed access code, press the PREV button. 7. Repeat steps 3 to 6. 8. To exit from speed dialing entry, press the END button.

When the System Program Switch on the KX-T30810B is set to the PROGRAM position, the operation of the KX-T7030 and the KX-T7130 will change as follows.

KX-T7030



KX-T7130



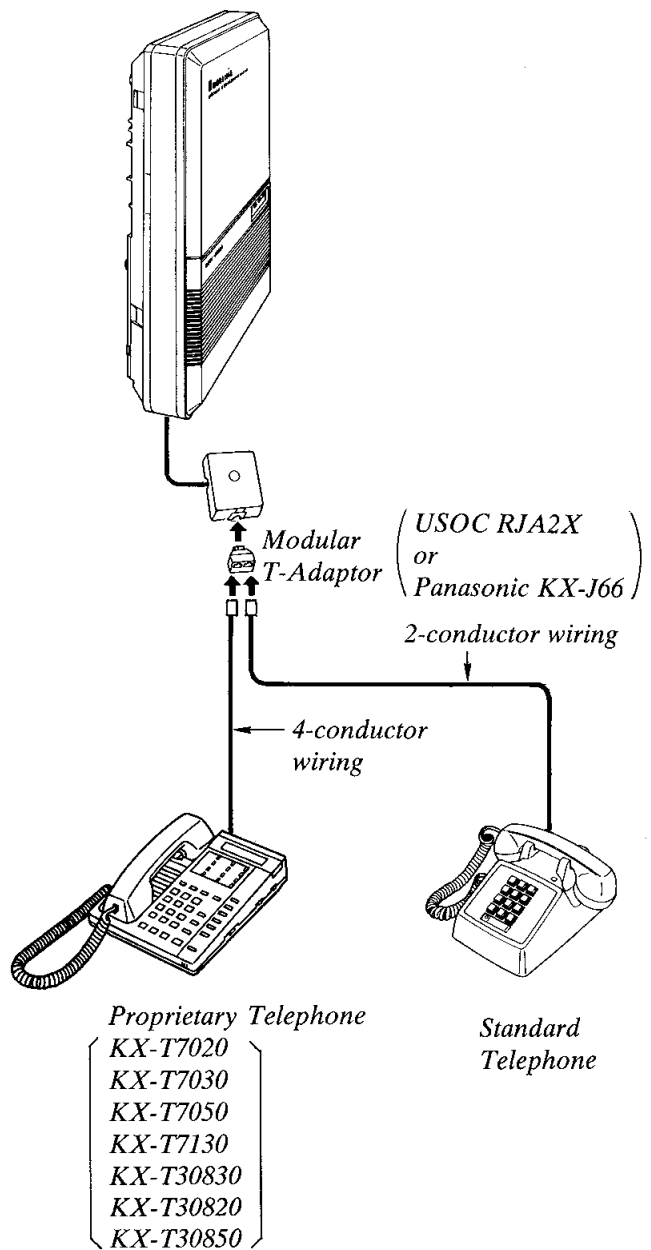
Added Features

The Parallel Connection of the Proprietary Telephone and the Standard Telephone

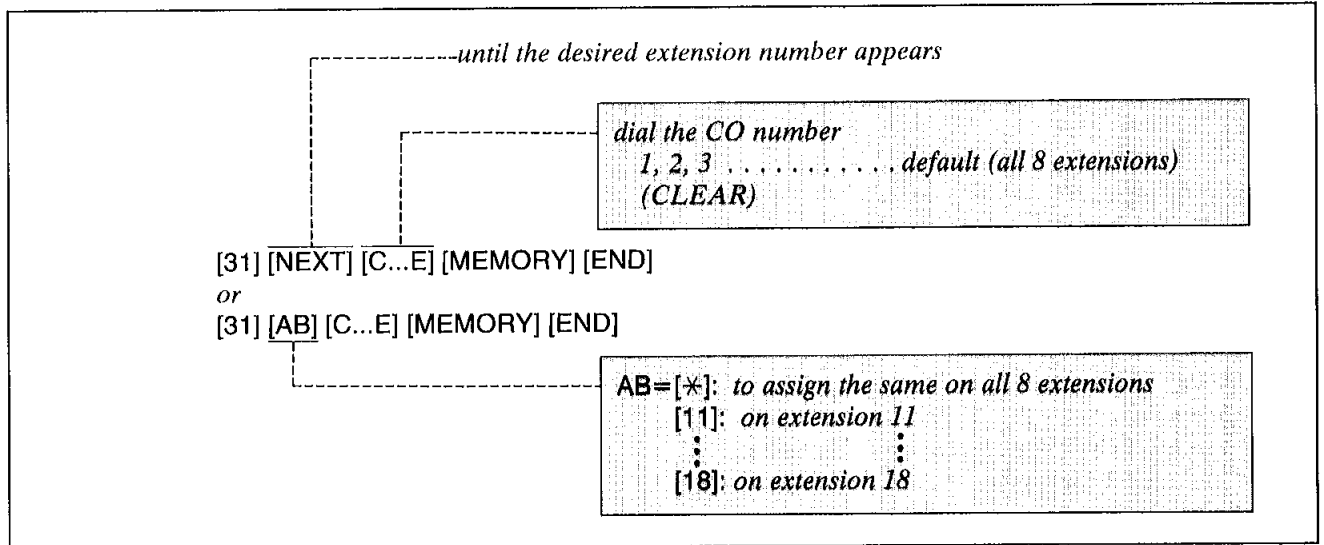
- Any extension can be connected in parallel with the proprietary telephone and the standard telephone.
- In the event of power failure, CO 1, CO 2 and CO 3 can be accessed using the standard telephones that are connected in parallel with proprietary telephones to extension numbers 11 through 13 respectively.
- 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 the standard telephone not to 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
 - Conference
- The standard telephone connected in parallel with the proprietary telephone will 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.



Automatic Designated CO Line Access



Description

Through programming, you can select which CO Line is accessed automatically when you dial 9 to use the "Automatic Line Access" feature or you use the "Auto CO Hunting" feature.

Programming

1. Dial (31).
"ENTER EXT NO" will be displayed.
2. Press the NEXT button.
"11:CO 1, 2, 3" will be displayed and "1, 2, 3" will blink.
3. Dial the CO numbers to be entered.
To cancel the entered CO Number, press the CLEAR button.
4. Press the MEMORY button.
The LCD will stop blinking.
5. Repeat steps 2 to 4, to program the assignment on the other extensions.
6. To return to the initial program mode, press the END button.

Conditions

- When you start the programming from step 1, you may dial the desired extension number instead of NEXT button at step 2.
- The PREV button allows you to go to the previous extension for displaying the CO assignment.

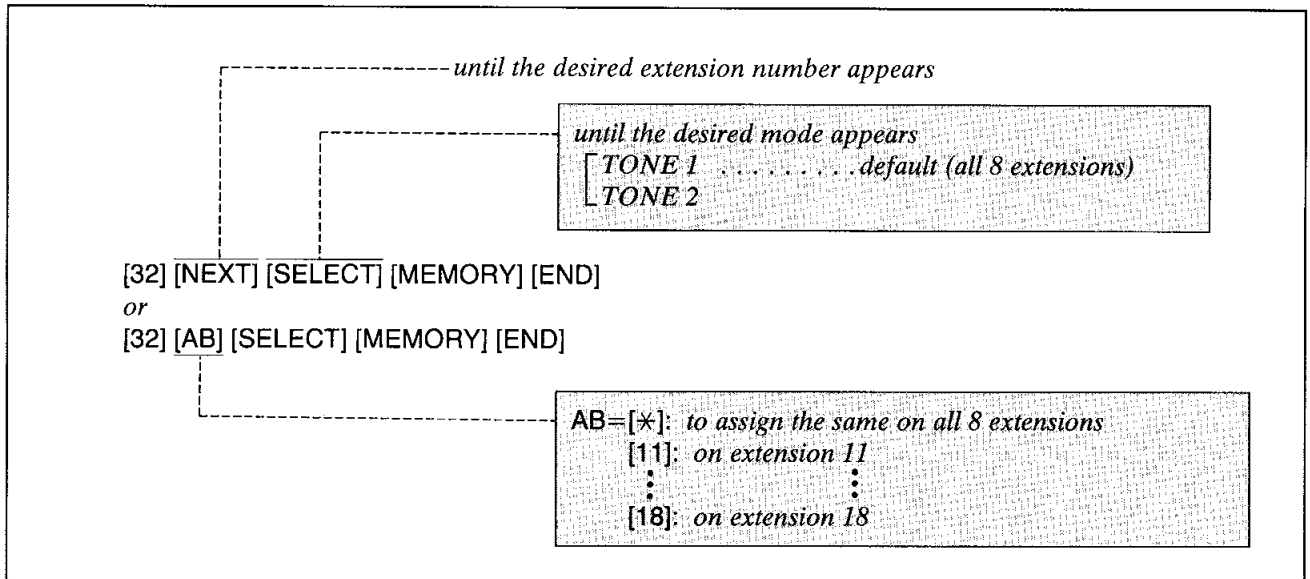
Operation

- The programmed CO line will be selected after dialing 9 automatically.

Programming Table

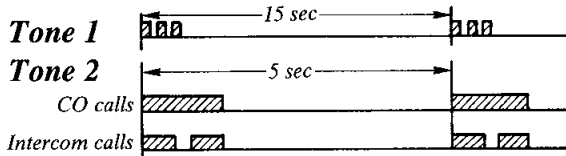
See page 34.

Programmable Call Waiting Tone



Description

Through programming, you can change the Call Waiting Tone from Tone 1 to Tone 2 shown below to prevent the user from missing the tone. Tone 1 is heard from the handset receiver of the standard telephone and the built-in speaker of the proprietary telephone. Tone 2 is heard only from the built-in speaker of the proprietary telephone when you have another call.



Programming

1. Dial (32).
"ENTER EXTNO" will be displayed.
2. Press the NEXT button.
3. Press the SELECT button to alternate between "TONE 1" and "TONE 2" and select the desired tone.
4. Press the MEMORY button.
The LCD will stop blinking.

5. Repeat steps 2 to 4, to program the assignment of the other extensions.
6. To return to the initial program mode, press the END button.

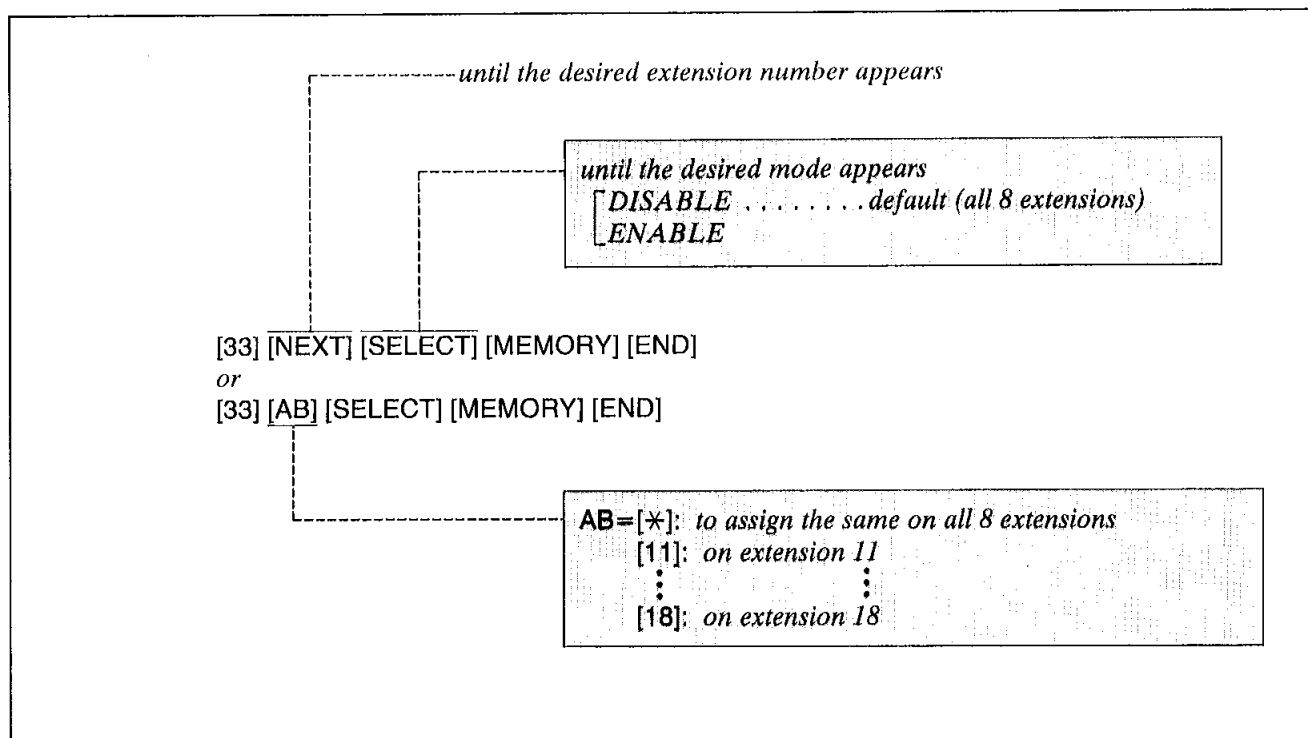
Conditions

- As for the KX-T30850, Tone 2 is heard from the handset receiver while having a conversation.
- Call Waiting feature should be programmed "ENABLE" beforehand. Refer to "Programmable Call Waiting" in Installation Manual.
- When you start the programming from step 1, you may dial the desired extension number instead of the NEXT button at step 2.
- The PREV button allows you to go to the previous extension for displaying the Call Waiting mode.

Programming Table

See page 34.

Programmable Executive Override



Description

Through programming, you can select which extension may barge in another extension that is in conversation with an outside party.

Programming

1. Dial (33).
"ENTER EXTNO" will be displayed.
2. Press the NEXT button.
"11: DISABLE" will be displayed and "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. Repeat steps 2 to 4, to program the assignment of the other extensions.
6. To return to the initial program mode, press the END button.

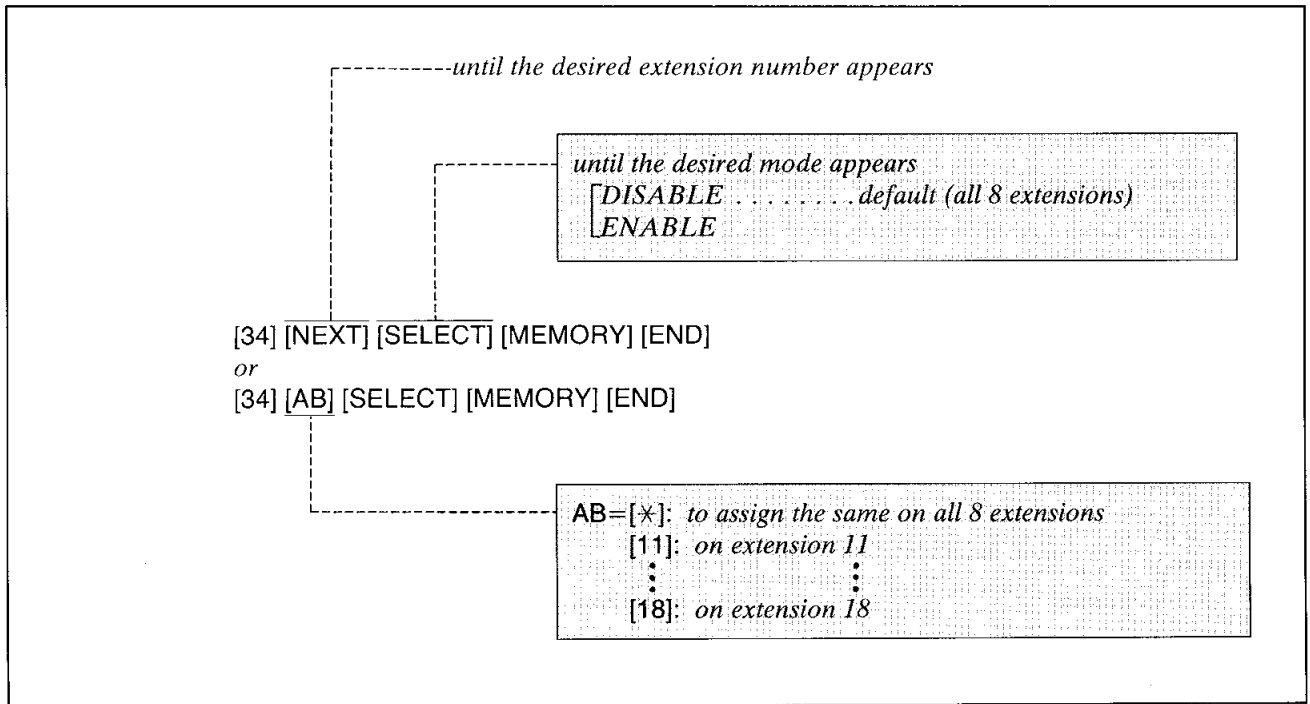
Conditions

- If you start the programming from step 1, you may dial the desired extension number instead of NEXT button at step 2.
- The PREV button allows you to return to the previous extension for displaying the Executive Override selection.

Programming Table

See page 34.

Standard Telephone Connection with Proprietary Telephone



Description

You can select whether the standard telephone which is connected in parallel with the proprietary telephone works or not.

ENABLE..... The standard telephone works.
DISABLE..... The standard telephone does not work.

Programming

1. Dial (34).
"ENTER EXTNO" will be displayed.
2. Press the NEXT button until the desired extension number appears.
"11: DISABLE" will be displayed and "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. Repeat steps 2 to 4, to program the assignment of the other extensions.

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

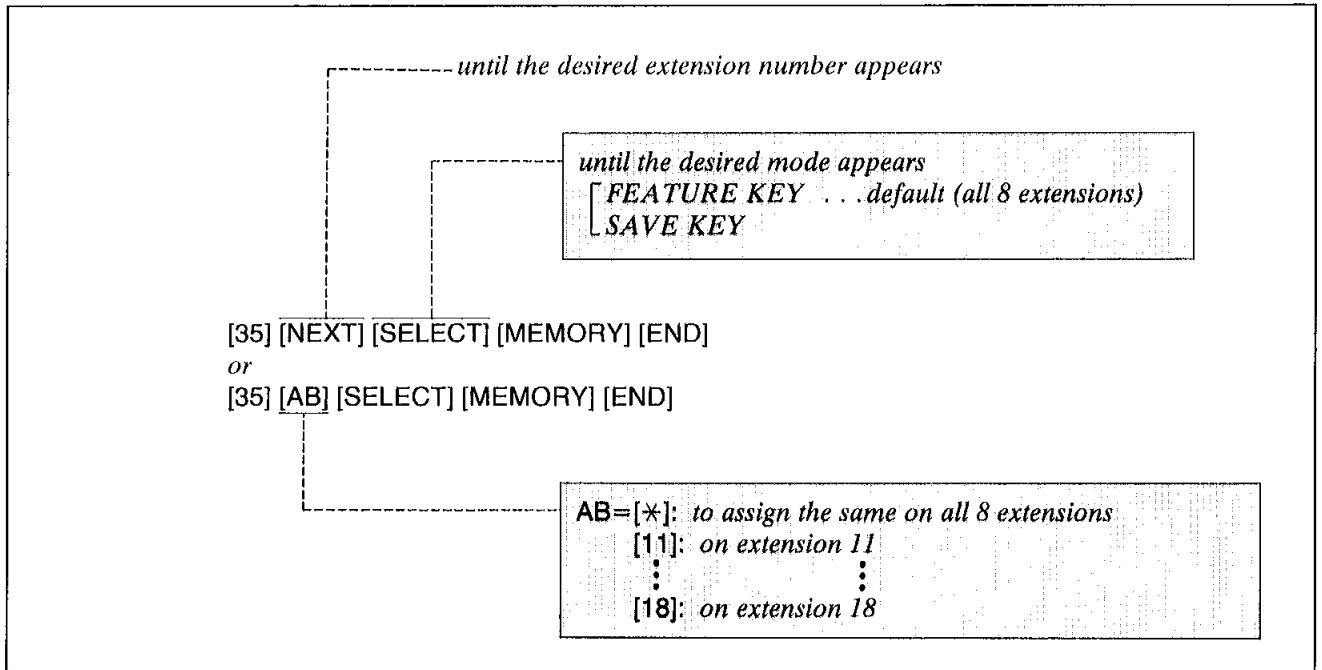
Conditions

- If you start the programming from step 1, you may dial the desired extension number instead of the NEXT button at step 2.
- The PREV button allows you to return to the previous extension.
- When a call reaches to the KX-T30820, KX-T30830, KX-T30850, 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.

Programming Table

See page 34.

F1/SAVE Selection (for KX-T30850, KX-T7020, KX-T7030, KX-T7050)



Description

The SAVE button is not provided with KX-T30850, KX-T7020, KX-T7030 and KX-T7050.

F1 button can be changed from programmable feature button to SAVE button.

“FEATURE KEY” mode...

programmable feature function

“SAVE KEY” mode...

SAVE function

Programming

1. Dial (35).
“ENTER EXT NO” will be displayed.
2. Press the NEXT button.
“11: FEATURE KEY” is displayed and the “FEATURE KEY” will blink.
3. Press the “SELECT” button to alternate between FEATURE KEY and SAVE KEY to select the desired mode.

4. Press the MEMORY button.

5. Repeat steps 2 to 4, to program SAVE button of the other extensions.

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

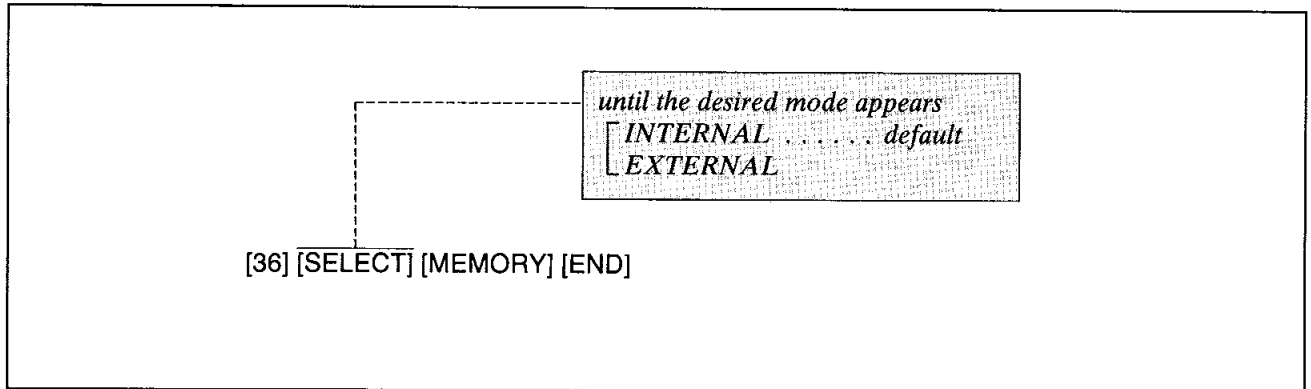
Conditions

- You may dial the desired extension number which needs SAVE button instead of the NEXT button at step 2.
- The PREV button allows you to go the previous extension for displaying the F1/SAVE selection.

Programmable Table

See page 34.

Selectable Call-on-Hold Music Source



Description

The built-in music source is provided with your KX-T30810B.

While keeping an outside call on hold, the music will be transmitted from the internal music source or external music source.

It is also available for the source of the background music.

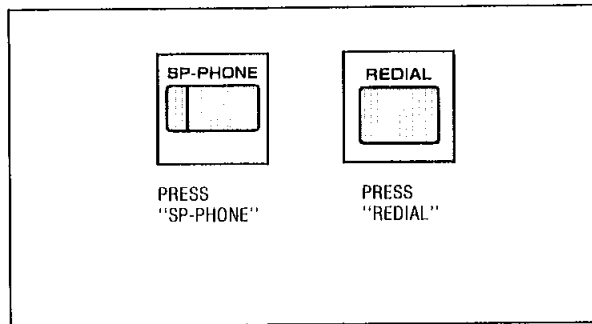
Programming

1. Dial (36).
“INTERNAL” will be displayed and will blink.
2. Press the SELECT button to alternate between “INTERNAL” and “EXTERNAL” and select the music source.
3. Press the MEMORY button.
The display will stop blinking.
4. To return to the initial programming mode, press the END button.

Programming Table

See page 34.

Automatic Redial



Description

The last phone number dialed on an outgoing call to CO line can be redialed up to 10 times. This feature is available for only KX-T7020, KX-T7030, KX-T7050 and KX-T7130.

Operation

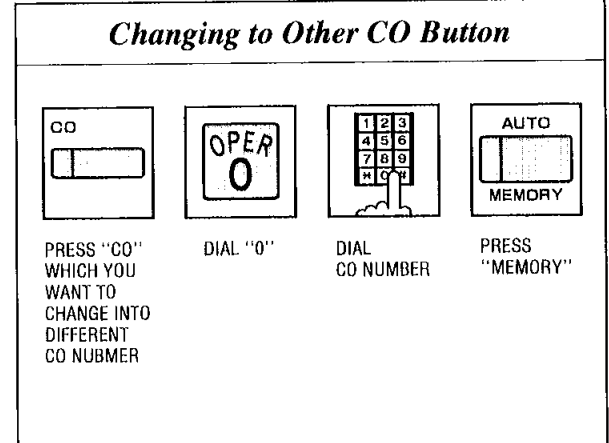
1. Press the SP-PHONE button.
2. Press the REDIAL button.

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

Conditions

- To cancel automatic redialing, press the FLASH button.
- Pressing the REDIAL or SAVE button allows you to;
 - Redial once when using the handset.
 - Redial up to 10 times within 10 minutes when using the redial feature with the SP-PHONE button.

Flexible CO Button



Description

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

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 CO button which you want to change to a different CO number. When pressing CO 1 button, "CO 1" will be displayed.
 2. Dial (0). "CO" will be displayed.
 3. Dial the new CO number (1 through 3). When dialing (2), "CO 2" will be displayed.
 4. Press the MEMORY button.
- After programming, return the MEMORY switch to the "SET" position.

Conditions

If you program the same CO number as another CO button, the original one will be cleared.

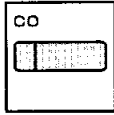
- Initial assignment (default) for the flexible buttons is as follows:

CO1 button...CO1	CO7 button...DSS13
CO2 button...CO2	CO8 button...DSS14
CO3 button...CO3	CO9 button...DSS15
CO4 button...not stored	CO10 button...DSS16
CO5 button...DSS11	CO11 button...DSS17
CO6 button...DSS12	CO12 button...DSS18

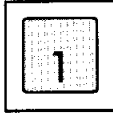
Flexible CO Button (cont.)

Changing to DSS Button

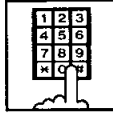
Setting



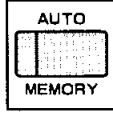
PRESS "CO" WHICH YOU WANT TO CHANGE INTO DSS BUTTON



DIAL "1"



DIAL EXTENSION NUMBER

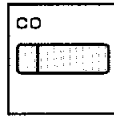


PRESS "MEMORY"

Dialing (Inter Office Calling)

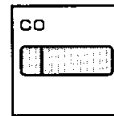


LIFT HANDSET OR PRESS "SP-PHONE"

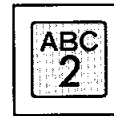


PRESS "CO" WHICH HAS BEEN CHANGED INTO DSS BUTTON

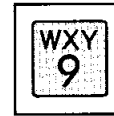
Changing to One Touch Dialing Button



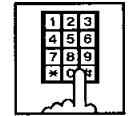
PRESS "CO" WHICH YOU WANT TO CHANGE INTO ONE TOUCH DIALING



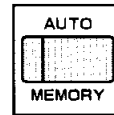
DIAL "2"



DIAL "9"



DIAL PHONE NUMBER



PRESS "MEMORY"

• You may dial 81 through 83 instead of 9.

Description

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

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. Press the CO button which you want to change to a DSS button.
When pressing the CO 1, "CO 1" will be displayed.

2. Dial (1).
"EXT" will be displayed.

3. Dial the extension number (11 through 18).
When dialing (11), "EXT 11" will be displayed.

4. Press the MEMORY button.
• After programming, return the MEMORY switch to the "SET" position.

Dialing (Inter Office Calling)

1. Lift the handset or press the SP-PHONE button.
2. Press the CO button which has been changed to.

Condition

If you program the same extension number as another CO button, the original one will be cleared.

Description

Allows each CO button to be used as a one touch dialing memory location. Up to 16 digits can be stored in each CO 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 CO button which you want to use as a one touch dialing memory location.
When pressing CO 1 button, "CO 1" will be displayed.

2. Dial (2).

3. Dial (9).

- You may dial 81 through 83 instead of 9 to select the desired trunk.

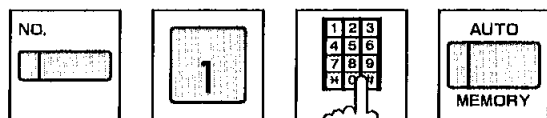
4. Dial the phone number.

5. Press the MEMORY button.

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

Flexible DSS Button (for KX-T30830)

Changing to Other DSS Button



PRESS "DSS" BUTTON WHICH YOU WANT TO CHANGE TO DIFFERENT EXTENSION NUMBER

DIAL "1"

DIAL EXTENSION NUMBER

PRESS "MEMORY"

Description

Allows each DSS button to change to an extension number which is different from the default extension number.

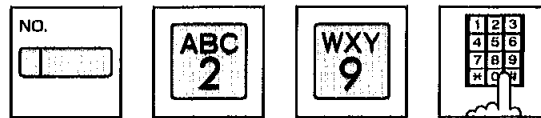
Operation

Setting

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

1. Press the DSS button which you want to change to a different extension number.
2. Dial (1).
3. Dial the new extension number (11 through 18).
4. Press the MEMORY button.
 - After programming, return the MEMORY switch to the "SET" position.

Changing into One Touch Dialing Button

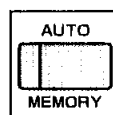


PRESS "DSS" WHICH YOU WANT TO CHANGE INTO ONE TOUCH DIALING

DIAL "2"

DIAL "9"

DIAL PHONE NUMBER



PRESS "MEMORY"

- You may dial 81 through 83 instead of 9.

Description

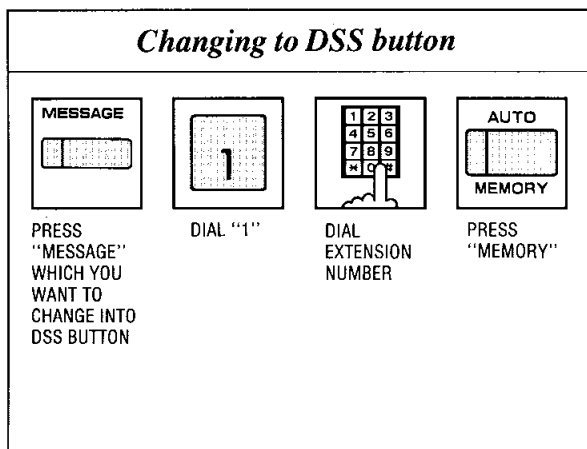
Allows each DSS button to be used as a one touch dialing button. Up to 16 digits can be stored in each DSS button.

KX-T30830, KX-T7030 and KX-T7130 are available.

Operation

- Be sure the handset is on the cradle and the SP-PHONE button is off.
 - Set the MEMORY switch to "PROGRAM".
1. Press the DSS button which you want to use as a one touch dialing Memory location.
 2. Dial (2).
 3. Dial (9).
 - You may dial 81 through 83 instead of 9 to select the desired trunk.
 4. Dial the phone number.
 5. Press the MEMORY button.
 - After programming, return the MEMORY switch to the "SET" position.

Flexible MESSAGE (Message Waiting) Button (for KX-T7020, KX-T7030, KX-T7050, KX-T7130)



Description

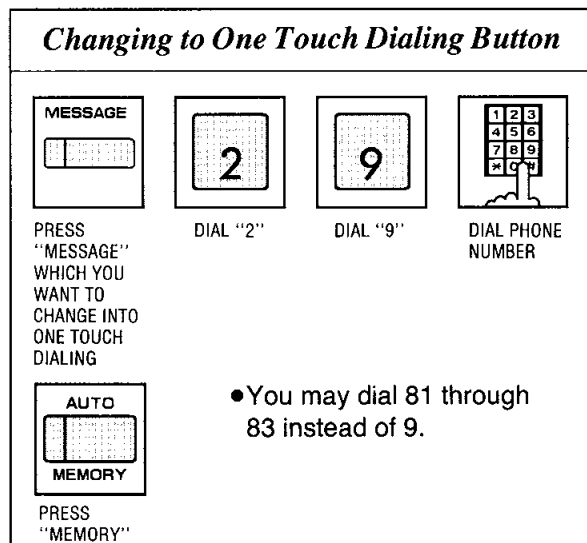
Allows the MESSAGE button to change to a DSS (Direct Station Selection) button.

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. Press the MESSAGE button to change to a DSS button.
2. Dial (1).
3. Dial the new extension number (11 through 18).
4. Press the MEMORY button.
 - After programming, return the MEMORY switch to the "SET" position.



Description

Allows the MESSAGE button to change to a one touch dialing memory location. Up to 16 digits can be stored into 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".

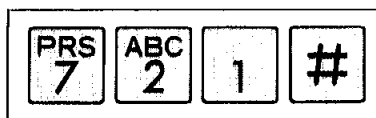
1. Press the MESSAGE button to change to a one touch dialing button.
2. Dial (2).
3. Dial (9).
 - You may dial 81 through 83 instead of 9 to select the desired trunk.
4. Dial the phone number.
5. Press the MEMORY button.
 - After programming, return the MEMORY switch to the "SET" position.

Auto CO Hunting

Setting



LIFT HANDSET
OR PRESS
"SP-PHONE"

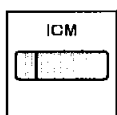


DIAL "721#"

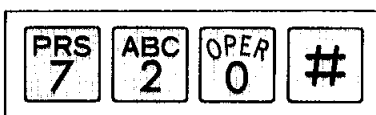


HANG UP
OR PRESS
"SP-PHONE"

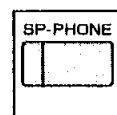
To cancel



PRESS "ICM"



DIAL "720#"

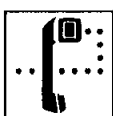


PRESS
"SP-PHONE"

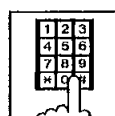
Dialing through CO line



LIFT HANDSET
OR PRESS
"SP-PHONE"



WAIT FOR THE
CO. DIAL TONE



DIAL PHONE
NUMBER

Description

Can access any CO line which is not in use directly by picking up the handset or the SP-phone button. It can also tell an extension user which line is accessing by lighting the CO line indicator.

Operation

Setting

1. Lift the handset or press the SP-PHONE button.
2. Dial (721#).
Wait for confirmation tone.
"AUTO CO HUNT ON" will be displayed.
3. Press the SP-PHONE button.

To cancel

1. Press the INTERCOM button.
2. Dial (720#).
Wait for confirmation tone.
"AUTO CO HUNT OFF" will be displayed.
3. Hang up or press the SP-PHONE button.

Dialing through CO line

1. Lift the handset or press the SP-PHONE button. Dial tone from CO will be heard.
2. Dial the phone number.

Note:

To operate features after setting "Auto CO Hunting", press the ICM button instead of lifting the handset at step 1 in the procedure described in the Installation Manual or this manual and then proceed to step 2.

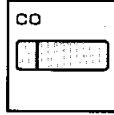
The reason to press the ICM button instead of lifting the handset is because lifting the handset causes the line to be connected to a CO line.

Executive Override

To barge in:



LIFT HANDSET
OR PRESS
"SP-PHONE"



PRESS "CO"
WHOSE
INDICATOR
IS RED

Description

Allows an extension user to barge in an engaged conversation for the following reasons: To establish Conference mode or to receive calls that another extension has answered.

Operation

■ To Establish the Conference Mode.

1. Lift the handset or press the SP-PHONE.
2. Press the CO button whose indicator is red.
A 3 party conference is now established and you can barge in the conversation. "CONF" will be displayed.
3. Start talking.
4. Place the handset back on-hook or press the SP-PHONE button.
The other two parties will be directly connected together and can converse with each other.

■ Call Transfer using "Executive Override".

1. Press the CO button.
You have barged in the conversation.
- The Call Transfer will be completed when the extension user who received the call hangs up.

Conditions

- The Camp-on feature by pressing the CO button allows you to barge in the conversation, when "Executive Override" is on at your extension. However, by dialing the busy CO line number you can use the Camp-on feature without barging in the conversation.
1. Dial the busy CO line number (81 through 83) whose indicator is red instead of pressing the CO button.
 2. Dial (6).
 3. Hang up or press the SP-PHONE button.
You will be automatically called back when the CO line becomes free.
- Only one party can barge in a conversation.
 - You can not barge in the extension which is in dialing.

Electronic Station Lock

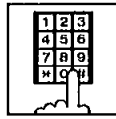
To lock



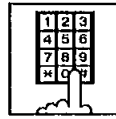
LIFT HANDSET
OR PRESS
"SP-PHONE"



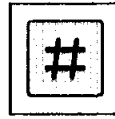
DIAL "6"



DIAL
LOCK CODE
(000 through
999)



DIAL LOCK
CODE AGAIN



DIAL "#"



HANG UP
OR PRESS
"SP-PHONE"

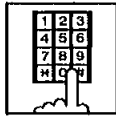
To unlock



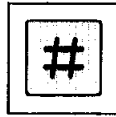
LIFT HANDSET
OR PRESS
"SP-PHONE"



DIAL "6"



DIAL
LOCK CODE
(000 through
999)



DIAL "#"



HANG UP
OR PRESS
"SP-PHONE"

Description

Locking an extension prohibits another user from dialing on an outside line until unlocked.

Operation

To lock

1. Lift the handset or press the SP-PHONE button.
2. Dial (6).
3. Dial the lock code.
Lock code must be 3 digits (000 through 999).
4. Dial the same lock code again.
5. Dial (#).
"ID CODE SET" will be displayed.
6. Hang up or press the SP-PHONE button.

To unlock

1. Lift the handset or press the SP-PHONE button.
2. Dial (6).
3. Dial the lock code.
4. Dial (#).
"ID CODE RESET" will be displayed.
5. Hang up or press the SP-PHONE button.

Conditions

- When dialing to an outside line using a locked extension, reorder tone will be heard.
- Lock code must be 3 numerical digits except for the "#" and "*" buttons.
- If you use a standard telephone;
To lock, dial (0) instead of (#) at step 5.
To unlock, dial (0) instead of (#) at step 4.

Changed Features

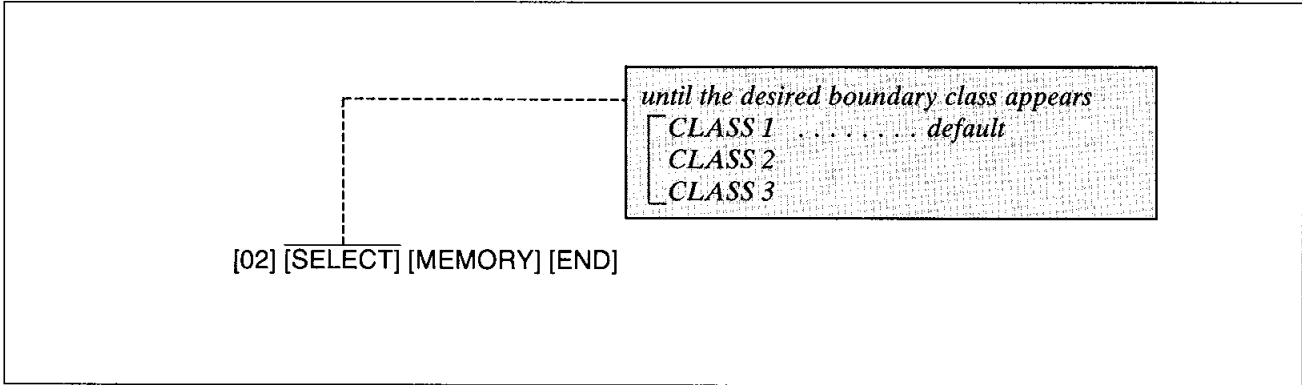
System Speed Calling Entry

*The number of speed calling entry is changed to
80 phone numbers each with up to 32 digits*

One Touch Dialing

*Storage for one touch dialing is changed from
"Up to 32 digits" to "Up to 16 digits".*

System Speed Calling—Class Assignment



Description

You can select the boundary of service class which is free from the toll restriction of system speed calling.

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 according to the toll restriction checking.

Programming

1. Dial (02).
"CLASS 1" will be displayed and blink.
2. Keep pressing the SELECT button until the desired class is displayed.
3. Press the MEMORY button.
4. To return to the initial program mode, press the END button.

		System Speed Dialing Boundary Class Assignment		
		class 1	class 2	class 3
Service class	1	A	A	A
	2	T	A	A
	3	T	T	A

A: Allowed
T: Toll Restriction check

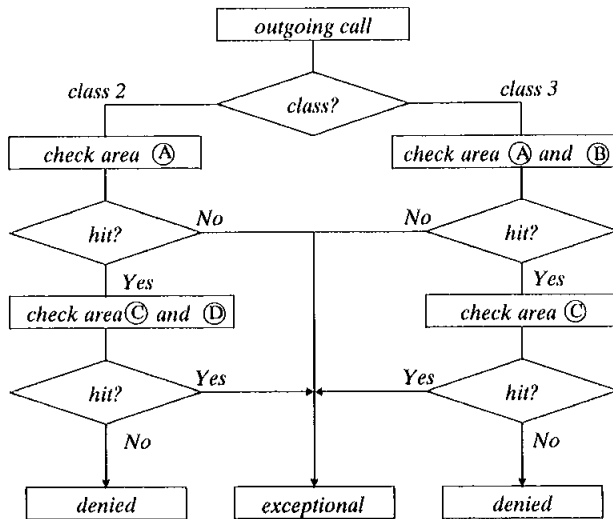
Programming Table
See page 30.

Toll Restriction—Class Assignment

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 followings are the available 3 classes of service.

1. Service class 1 will allow all calls.
2. Service class 2 will deny 10 codes programmed as a denied code (location 00~09) except 20 codes programmed as an exceptional code (location 00~19).
3. Service class 3 will deny 20 codes programmed as a denied code (location 00~19) except 10 codes programmed as an exceptional code (location 00~09).



Code	Dial Number
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	

Code	Dial Number
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	

The following should be set.

- "Toll Restriction—Class Assignment" on page 24.
- "Toll Restriction—Denied Code Assignment" on page 25.
- "Toll Restriction—Exceptional Code Assignment" on page 26.
- "System Speed Calling—Class Assignment" on page 22.

Example:

< Application >

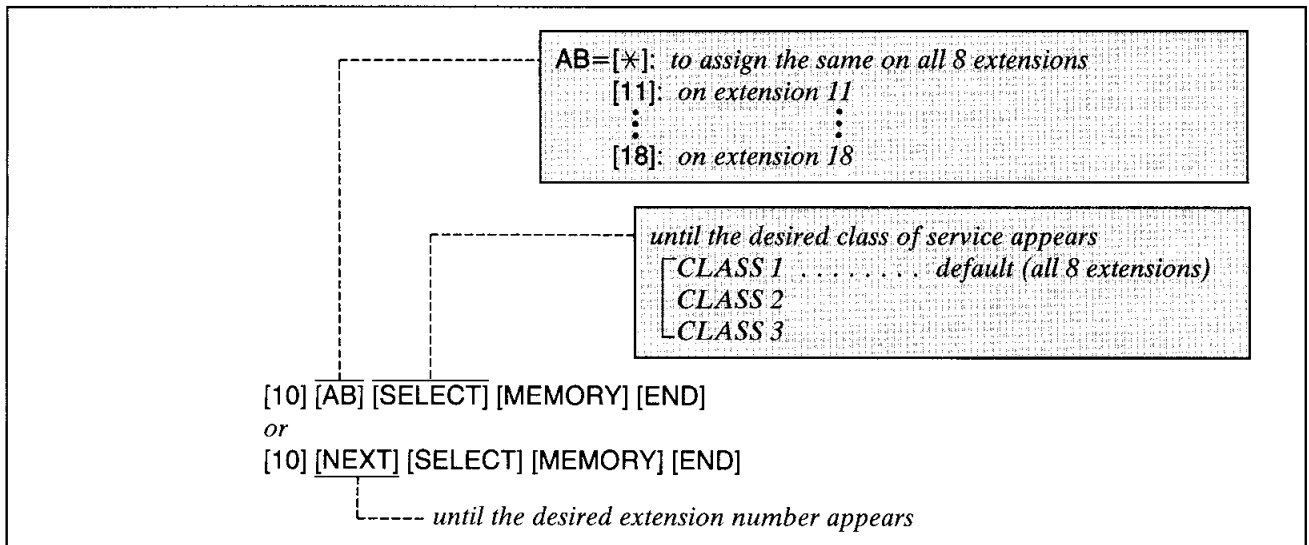
Service Class	Denied Dial Number	Exceptional Dial Number
2	011***** 1*****	1800*** 1201***
3	001*** 0***** 1*****	1800***

< Programming >

CODE	ENTRY DIAL NO.
00	011*****
01	1*****
02	
03	
04	
05	
06	
07	
08	
09	
10	0*****
11	
12	
13	
14	
15	
16	
17	
18	
19	

CODE	ENTRY DIAL NO.
00	1800***
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	1201***
11	
12	
13	
14	
15	
16	
17	
18	
19	

Toll Restriction—Class Assignment (cont.)



Description

Toll restriction can help eliminate telephone abuse and contribute to control telephone cost. There are three class of service available for each extension.

Conditions

- When you start the programming from step 1, you may dial the desired extension number instead of NEXT button at step 2.
- The PREV button allows you to go to the previous extension for displaying the service class assignment.

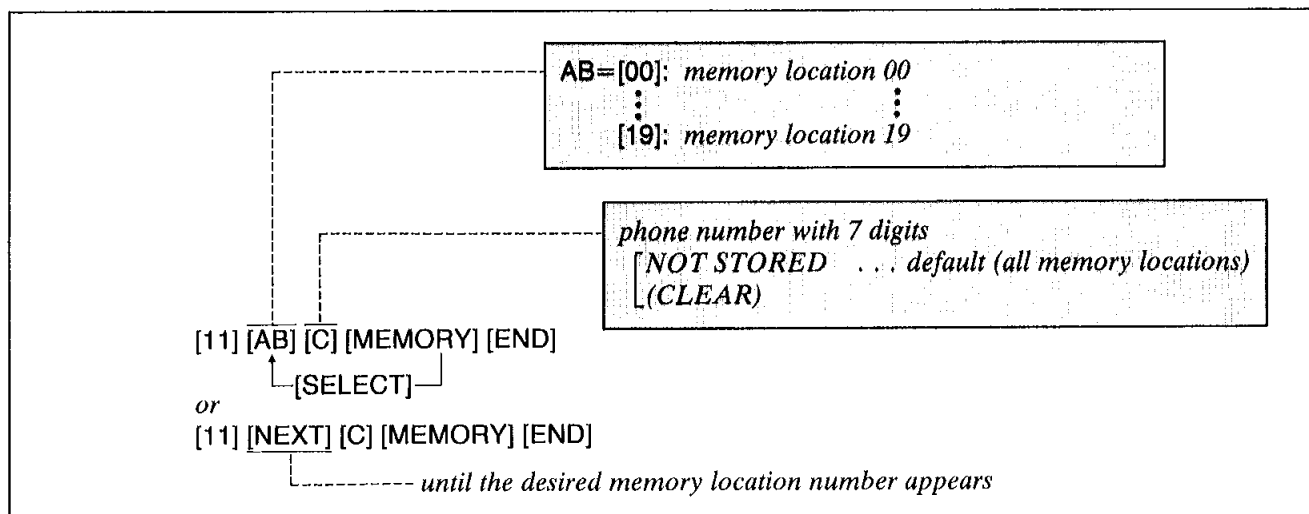
Programming

1. Dial (10).
"ENTER EXTNO." will be displayed.
2. Press the NEXT button.
"11: CLASS 1" will be displayed and "1" will blink.
3. Keep pressing the SELECT button until the desired class is displayed.
4. Press the MEMORY button.
5. Repeat steps 2 to 4, to program the assignment on the other extensions.
6. To return to the initial program mode, press the END button.

Programming Table

See page 31.

Toll Restriction—Denied Code Assignment



Description

For Service Class 2 or 3 (see “Toll Restriction”) up to 10 or 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.

- Memory locations 00~09 are restricted by classes 2 and 3.

Memory locations 10~19 are restricted by only class 3.

Programming

- Dial (11).
“ENTER CODE NO.” will be displayed.
- Dial the memory location number (00 through 19) or press the NEXT button.
Example:
When dial (00) or press the NEXT button;
—When nothing is stored in memory location number “00”, “00:NOT STORED” is displayed.
—When the dial number 1***** has been stored, “00:1*****” will be displayed.
- Dial the 7-digit phone number.
 - To erase a wrong enter, press the CLEAR button.
- Press the MEMORY button.
 - The MEMORY indicator will be lit.

- 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 the desired memory location number, press the SELECT button and dial the memory location number.

- Repeat steps 3 to 5.

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

Conditions

- Each phone number should consist of 7 digits.
- “*” substitutes for any numbers, see the following example.

Example:

To deny extension 14 to have access to the phone number 09 and 8 in the service class 2.

Step 1... [10] [14] [SELECT] [MEMORY] [END]

Step 2... [11] [NEXT] [09*****]

[MEMORY] [NEXT] [8*****]

[MEMORY] [END]

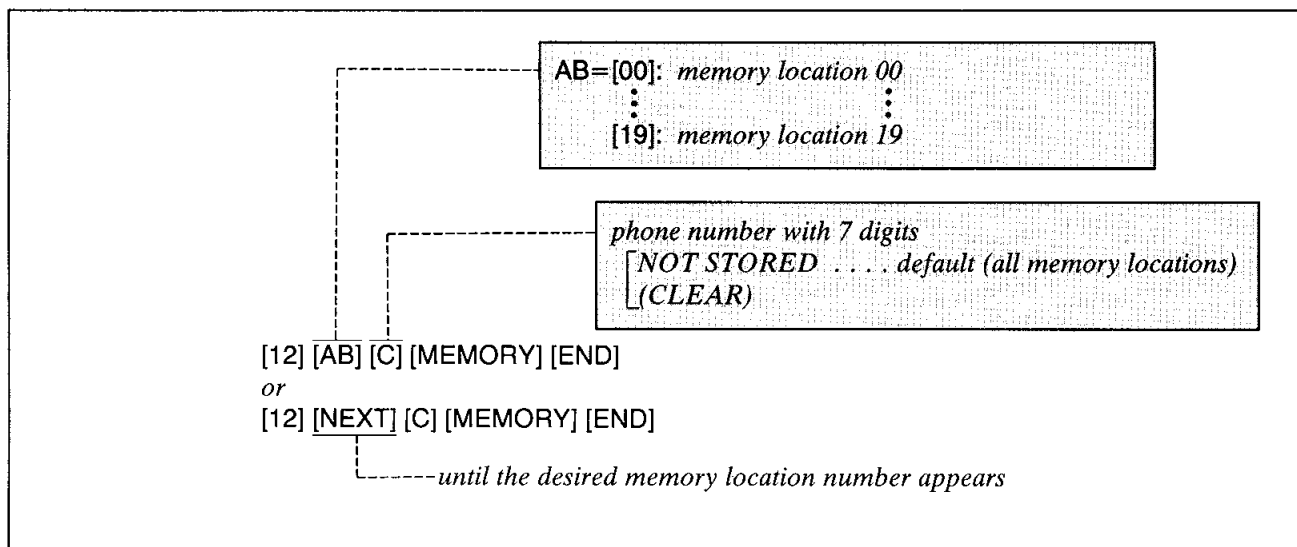
09*****...disables the phone numbers which starts with 09.

8*****...disables the phone numbers which has 8 on the first digits.

Programming Table

See page 31.

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 or 3, up to 10 or 20 phone numbers

- Memory locations 00~09 are not restricted by classes 2 and 3.
- Memory locations 10~19 are not restricted only by class 2.

Programming

1. Dial (12).
"ENTER CODE NO." will be displayed.
2. Dial the memory location number (00 through 19) or press the NEXT button.
3. Dial the 7-digit phone number.
 - To erase a wrong enter, press the CLEAR button.
4. Press the MEMORY button.
 - The MEMORY button indicator will be lit.
5. To advance to the next memory location number, press the NEXT 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.

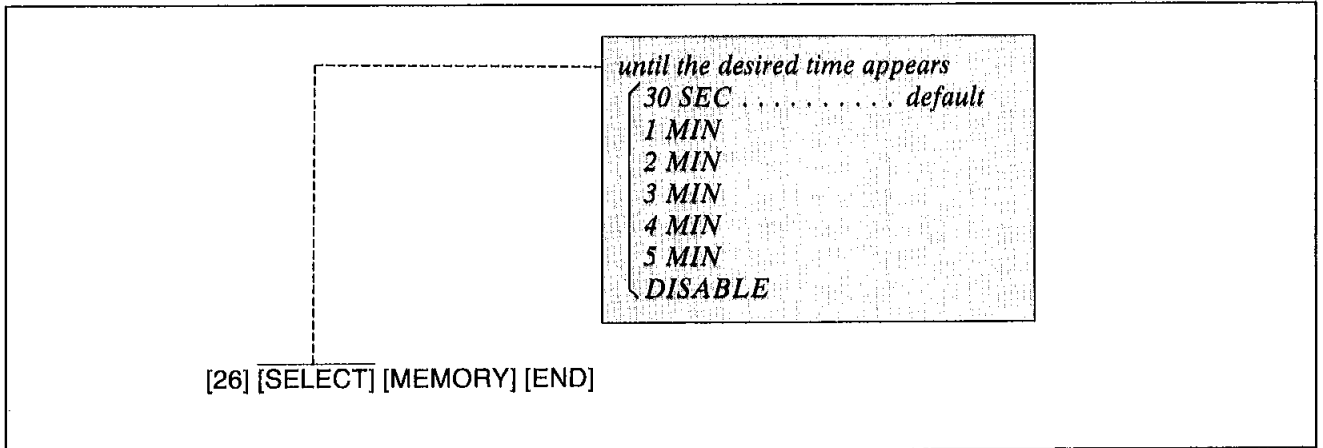
Conditions

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

Programming Tables

See page 31.

Hold Recall Time Set



Description

This will inform you that you keep holding the line by ringing, after the time passes.

Programming

1. Dial (26).
"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.
4. To return to the initial programming mode, press the END button.

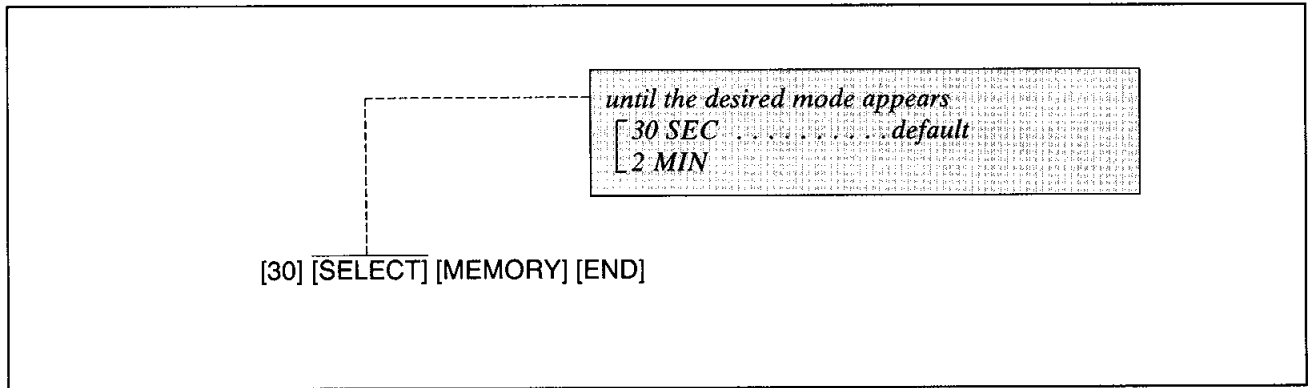
Example:

2 minutes = [26] [SELECT] [SELECT]
[MEMORY] [END]

Programming Table

See page 33.

Transfer Recall Time



Description

When a call is transferred to any extension, other extension did not receive the transferred call within 30 seconds, the call will return to you. This time may be changed to 2 minutes.

Programming

1. Dial (30).
"30 SEC" will be displayed and blink.
2. Press the SELECT button to alternate between "30 SEC" and "2 MIN" to select the desired mode.
3. Press the MEMORY button.
4. To return to the initial programming mode, press the END button.

Programming Table

See page 34.

Canceled Features

The listed features are canceled from KX-T30810B.

<i>Pages of Installation Manual</i>	<i>Access Code</i>	<i>Title</i>
<i>2-7</i>	<i>02</i>	<i>CO Connection Assignment</i>
<i>2-18</i>	<i>11</i>	<i>Toll Restriction—Area Code Selection</i>
<i>2-19</i>	<i>12</i>	<i>Call Back Time</i>
<i>2-32</i>	<i>25</i>	<i>Hold Time Reminder</i>

PROGRAMMING TABLE

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM																																																							
Date and Time	[00]	<p>[A] [↔] [SELECT] [↔] [B] [↔] [SELECT] [↔] [C] [↔] [D] [↔] [SELECT] [MEMORY] [END]</p> <p style="margin-left: 20px;"> └---year └---month └- day └-hour └-minute └---AM/PM └--- day of the week </p>																																																							
System Speed Calling Entry	[01] or [AUTO]	<p>[AB] [CD] [phone number] [MEMORY]</p> <p style="margin-left: 20px;"> └----- [9]: automatic line access number └----- [81] through [83]: outside line access number └----- [00] through [79]: speed access code </p> <p>• To advance to the next code. [SELECT] [AB] [CD] [phone number] [MEMORY] • To exit the speed calling entry, press [END].</p>																																																							
System Speed Calling—Class Assignment	[02]	<p>[SELECT] [MEMORY] [END]</p> <p style="margin-left: 20px;">└--- until the desired boundary class appears</p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="3" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>CLASS 1</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CLASS 2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CLASS 3</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change			CLASS 1	x				CLASS 2					CLASS 3																																							
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CLASS 1	x																																																								
CLASS 2																																																									
CLASS 3																																																									
Dial Mode (Tone/Pulse) Selection	[03]	<p>[NEXT] [SELECT] [MEMORY] [END]</p> <p style="margin-left: 20px;">└----- TONE/PULSE</p> <p style="margin-left: 20px;">└--- until the desired CO number appears</p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="3" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>CO(s)</td> <td style="text-align: center;">all CO's</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Pulse mode</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tone (DTMF) mode</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change			CO(s)	all CO's	1	2	3	Pulse mode	x				Tone (DTMF) mode																																							
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Pulse mode	x																																																								
Tone (DTMF) mode																																																									
Switching Mode (Day/Night Service)	[04]	<p>[SELECT] [MEMORY] [END]</p> <p style="margin-left: 20px;">└----- MAN/AUTO</p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="3" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Manual</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Automatic</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change			Manual	x				Automatic																																												
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Manual	x																																																								
Automatic																																																									
Starting Time (Day/Time)	[05]	<p>[A] [↔] [B] [↔] [SELECT] [MEMORY] [NEXT] [C] [↔] [D] [↔] [SELECT] [MEMORY] [END]</p> <p style="margin-left: 20px;"> └-minute └---AM/PM └-minute └---AM/PM └--- starting time for day service (hour) └--- starting time for night service (hour) </p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="3" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Day plan</td> <td style="text-align: center;">9:00 AM</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Night plan</td> <td style="text-align: center;">5:00 PM</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change			Day plan	9:00 AM				Night plan	5:00 PM																																											
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Day plan	9:00 AM																																																								
Night plan	5:00 PM																																																								
Flexible Day Outward Dialing Assignment	[06]	<p>[NEXT] [C...E] [MEMORY] [END]</p> <p style="margin-left: 20px;">└----- CO number</p> <p style="margin-left: 20px;">└--- until the desired extension number appears</p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="9" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td style="text-align: center;">all extensions</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> <td style="text-align: center;">16</td> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> <td></td> </tr> <tr> <td>CO 1</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 2</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 3</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change									Extensions	all extensions	11	12	13	14	15	16	17	18		CO 1	x										CO 2	x										CO 3	x									
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Flexible Night Outward Dialing Assignment	[07]	<p>[NEXT] [C...E] [MEMORY] [END]</p> <p style="margin-left: 20px;">└----- CO number</p> <p style="margin-left: 20px;">└--- until the desired extension number appears</p> <table border="1" style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="9" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td style="text-align: center;">all extensions</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> <td style="text-align: center;">16</td> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> <td></td> </tr> <tr> <td>CO 1</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 2</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 3</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change									Extensions	all extensions	11	12	13	14	15	16	17	18		CO 1	x										CO 2	x										CO 3	x									
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PROGRAMMING TABLE *(cont.)*

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Flexible Day Ringing Assignment	[08]	<p>[NEXT] [C...E] [MEMORY] [END] ----- CO number -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="10" style="text-align: center;">To make program change</th> </tr> <tr> <th style="text-align: left;">Extensions</th> <th style="text-align: center;">all extensions</th> <th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th> </tr> </thead> <tbody> <tr> <td>CO 1</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>CO 2</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>CO 3</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>		Default	To make program change										Extensions	all extensions	11	12	13	14	15	16	17	18	CO 1	x									CO 2	x									CO 3	x								
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Flexible Night Ringing Assignment	[09]	<p>[NEXT] [C...E] [MEMORY] [END] ----- CO number -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="10" style="text-align: center;">To make program change</th> </tr> <tr> <th style="text-align: left;">Extensions</th> <th style="text-align: center;">all extensions</th> <th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th> </tr> </thead> <tbody> <tr> <td>CO 1</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>CO 2</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>CO 3</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>		Default	To make program change										Extensions	all extensions	11	12	13	14	15	16	17	18	CO 1	x									CO 2	x									CO 3	x								
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Toll Restriction—Class Assignment	[10]	<p>[NEXT] [SELECT] [MEMORY] [END] ----- CLASS 1/2/3 -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="10" style="text-align: center;">To make program change</th> </tr> <tr> <th style="text-align: left;">Extensions</th> <th style="text-align: center;">all extensions</th> <th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th> </tr> </thead> <tbody> <tr> <td>Class 1</td> <td style="text-align: center;">x</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Class 2</td> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Class 3</td> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>		Default	To make program change										Extensions	all extensions	11	12	13	14	15	16	17	18	Class 1	x									Class 2										Class 3									
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Toll Restriction—Denied Codes Assignment	[11]	<p>[NEXT] [C] [MEMORY] [END] ----- phone number with 7 digits -----until the desired memory location number appears</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2"></th> <th colspan="5" style="text-align: center;">Memory location number</th> </tr> <tr> <th style="text-align: center;">00</th><th style="text-align: center;">01</th><th style="text-align: center;">02</th><th style="text-align: center;">03</th><th style="text-align: center;">04</th> </tr> </thead> <tbody> <tr> <td rowspan="6" style="text-align: center; vertical-align: middle;">Phone number entry</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">05</td><td style="text-align: center;">06</td><td style="text-align: center;">07</td><td style="text-align: center;">08</td><td style="text-align: center;">09</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">15</td><td style="text-align: center;">16</td><td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td> </tr> </tbody> </table>		Memory location number					00	01	02	03	04	Phone number entry						05	06	07	08	09						10	11	12	13	14						15	16	17	18	19										
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Toll Restriction—Exceptional Codes Assignment	[12]	<p>[NEXT] [C] [MEMORY] [END] ----- phone number with 7 digits -----until the desired memory location number appears</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2"></th> <th colspan="5" style="text-align: center;">Memory location number</th> </tr> <tr> <th style="text-align: center;">00</th><th style="text-align: center;">01</th><th style="text-align: center;">02</th><th style="text-align: center;">03</th><th style="text-align: center;">04</th> </tr> </thead> <tbody> <tr> <td rowspan="6" style="text-align: center; vertical-align: middle;">Phone number entry</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">05</td><td style="text-align: center;">06</td><td style="text-align: center;">07</td><td style="text-align: center;">08</td><td style="text-align: center;">09</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">10</td><td style="text-align: center;">11</td><td style="text-align: center;">12</td><td style="text-align: center;">13</td><td style="text-align: center;">14</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">15</td><td style="text-align: center;">16</td><td style="text-align: center;">17</td><td style="text-align: center;">18</td><td style="text-align: center;">19</td> </tr> </tbody> </table>		Memory location number					00	01	02	03	04	Phone number entry						05	06	07	08	09						10	11	12	13	14						15	16	17	18	19										
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HOST PBX Access Codes Assignment	[13]	<p>[NEXT] [A...D] [MEMORY] [END] -----Up to four outside access codes each with a maximum of 2 digits -----until the desired CO numbers appears</p> <table border="1"> <thead> <tr> <th>CO</th> <th colspan="4">Outside access codes of the host PBX</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	CO	Outside access codes of the host PBX				1					2					3																																												
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Automatic Answering (Automatic/Manual) Selection	[14]	<p>[NEXT] [SELECT] [MEMORY] [END] -----AUTO ANSWER/MAN ANSWER -----until the desired extension number appears</p> <table border="1"> <thead> <tr> <th></th> <th>Default</th> <th colspan="8">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td>all extensions</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>Automatic</td> <td>×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Manual</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	Automatic	×									Manual																													
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Preferred Line Assignment	[15]	<p>[NEXT] [SELECT] [MEMORY] [END] -----..... (none)/CO 1/CO 2/CO 3 -----until the desired extension number appears</p> <table border="1"> <thead> <tr> <th></th> <th>Default</th> <th colspan="8">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td>all extensions</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>• • • • (none)</td> <td>×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	• • • • (none)	×									CO 1										CO 2										CO 3									
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Programmable Call Waiting	[16]	<p>[NEXT] [SELECT] [MEMORY] [END] -----ENABLE/DISABLE -----until the desired extension number appears</p> <table border="1"> <thead> <tr> <th></th> <th>Default</th> <th colspan="8">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td>all extensions</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>Disable</td> <td>×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Enable</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	Disable	×									Enable																													
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Duration Time Count Start Mode	[17]	<p>[SELECT] [MEMORY] [END] -----INSTANTLY/5S AFTER DIAL/10S AFTER DIAL</p> <table border="1"> <thead> <tr> <th></th> <th>Default</th> <th colspan="8">To make program change</th> </tr> </thead> <tbody> <tr> <td>Instantly</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5S after dial</td> <td>×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10S after dial</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Instantly										5S after dial	×									10S after dial																													
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Hookswitch Flash Timing	[18]	<p>[NEXT] [SELECT] [MEMORY] [END] -----300 MS/600 MX/900 MS -----until the desired extension number appears</p> <table border="1"> <thead> <tr> <th>CO (s)</th> <th>Default</th> <th colspan="3">To make program change</th> </tr> </thead> <tbody> <tr> <td>300 msec</td> <td>all CO's</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>600 msec</td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>900 msec</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	CO (s)	Default	To make program change			300 msec	all CO's	1	2	3	600 msec	×				900 msec																																												
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PROGRAMMING TABLE (cont.)

TO SET	PROGRAM ADDRESS	STEPS REQUIRED TO CHANGE PROGRAM																																																		
Calling Party Control (CPC) Signal	[20]	<p>[NEXT] [SELECT] [MEMORY] [END] -----TONE CALL/VOICE CALL. -----until the desired CO number appears</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="3" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>CO (s)</td> <td style="text-align: center;">all CO's</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Enable</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Disable</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change			CO (s)	all CO's	1	2	3	Enable	x				Disable																																		
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Intercom Alerting Mode	[21]	<p>[NEXT] [SELECT] [MEMORY] [END] -----TONE CALL/VOICE CALL. -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="8" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td style="text-align: center;">all extensions</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> <td style="text-align: center;">16</td> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Tone call</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Voice call</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	Tone call	x									Voice call																			
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Programmable Doorphone	[22]	<p>[NEXT] [SELECT] [MEMORY] [END] -----D-PHONE 1, 2/1/2/... (deny the ringing) -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="8" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td style="text-align: center;">all extensions</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> <td style="text-align: center;">16</td> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Doorphone 1</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Doorphone 2</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>deny the ringing</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	Doorphone 1	x									Doorphone 2	x									deny the ringing									
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Dial Call Pickup Group Assignment	[23]	<p>[NEXT] [SELECT] [MEMORY] [END] -----PICKUP-G:1/2/1, 2/... (out of the group) -----until the desired extension number appears</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Default</th> <th colspan="8" style="text-align: center;">To make program change</th> </tr> </thead> <tbody> <tr> <td>Extensions</td> <td style="text-align: center;">all extensions</td> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> <td style="text-align: center;">13</td> <td style="text-align: center;">14</td> <td style="text-align: center;">15</td> <td style="text-align: center;">16</td> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Pickup Group 1</td> <td style="text-align: center;">x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pickup Group 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>out of the group</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Default	To make program change								Extensions	all extensions	11	12	13	14	15	16	17	18	Pickup Group 1	x									Pickup Group 2										out of the group									
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