Installation and Programming Manual

Easa-Phone™
Key Telephone System
VA-1232

MODEL
VA-123210

VA-30920
VA-12020
VA-12021
VA-12022
VA-12022B

VA-82430
VA-82444
VA-30940D
VA-30941D
VA-30942D
VA-30965
VA-30960
VA-20861

Panasonic Company
Division of Matsushita Electric
Corporation of America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Hawaii, Inc.
99-859 Iwaiwa Street P.O. Box 774
Honolulu Hawaii 96808-0774

Panasonic®

VA-1232

Thank you for purchasing the Panasonic Easa-Phone VA-1232, Key Telephone System.
This system can connect eight central office lines and twenty four key telephones and DSS, door box, external paging amp and external music source can be added.

- Please read this manual carefully before the installation of this system.
- Please follow the installation procedure described below.

Before connecting telephone lines, inform to telephone company of the following.

Telephone numbers	COL1		COL7	
	COL2		COL8	
	COL3		COL9	
	COL4		COL10	
	COL5		COL11	
	COL6		COL12	

Model number	Panasonic VA-1232
FCC registration number for VA-1232 KSU from factory	ACK8GR-17656-KF-E
When modified to PBX (See page 18)	ACK8GR-17655-MF-E
Factory interface code	02LS2
Service order code	9.0F
Ringer equivalence	0.4B
Required network interface jack	USOC RJ11W, RJ11C

CONTENTS

1. SYSTEM CONNECTION LAYOUT 1
2. INSTALLATION OF KEY SERVICE UNIT 3
   How to wall mount the key service unit 3
3. INSTALLATION OF KEY TELEPHONE 5
   How to wall mount the key telephone 5
4. WIRING CONNECTIONS 6
   Connection between the KSU, Key TEL and CO/PBX line 6
   Type of wires 7
   Wiring cables 8
5. CONNECTION OF OPTIONAL UNIT 9
   Variation of card connection 9
   Extension of CO/PBX line 10
   Connection of direct station selector 11
   Connections of single line telephone or 2 Key TELs/2 SLTs 12
   Connection of door box 13
   Connections of sensor and door opener 14
   Connection of SMDR 15
   External music on hold source and external paging system 17
   Set up for key service unit 18
6. CONNECTION OF POWER FAILURE UNIT 19
7. SPECIFICATIONS OF SYSTEM 21
   Modules and system configuration 21
   System capacity and specifications 22
   Check list of parts 23

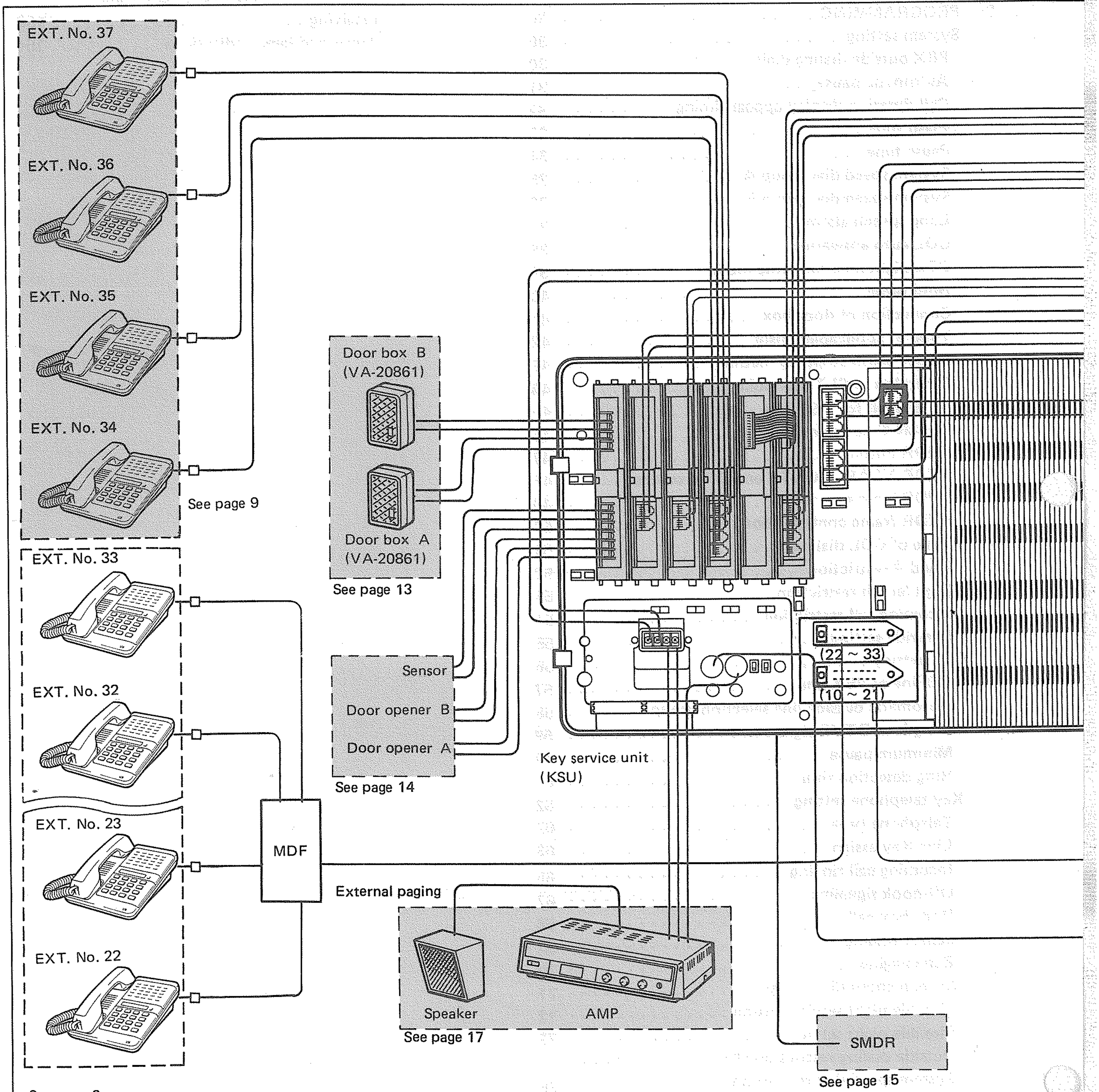
PROGRAMMING 24

1. INITIAL SET LIST 25
2. METHOD OF PROGRAMMING 27
3. PROGRAMMING 30
   - System setting 30
     - PBX outside dialing digit 30
     - Automatic pause 31
     - Call duration display appear timing 32
     - Flash time 33
     - Pause time 34
     - System speed dial group A 35
     - System speed dial group B 36
     - Long speech alarm 37
     - COL auto answering 38
     - COL night incoming ring mode 39
     - Hold recall 40
     - Connection of door box 41
     - Type of applicable sensor 42
     - Sensor alarm stopping method 43
     - Detection of SLT on-hooking 44
     - Hold recall for DSS TEL 45
     - Display time system setting 46
     - SMDR output 47
     - SMDR YEAR, MONTH and DAY setting 48
     - SMDR baud rate setting 49
     - SMDR frame configuration 50
     - Type of COL dialing 51
     - * and # restriction 52
     - Digit length restriction 53
     - Incoming call restriction 54
     - Override setting 55
   - COL setting 56
     - CO line or PBX line 57
     - Automatic outside line selection group 58
     - Length of DTMF signals 59
     - Minimum pause 60
     - Ring detection time 61
   - Key telephone setting 62
     - Telephone type 62
     - Line Key assign 63
     - Incoming call ringing 65
     - Off-hook signaling 67
     - Door box call 68
     - Sensor ringing 69
     - Zone paging 70
     - System speed dial group 71
     - Flexible night service setting 72
     - Flexible night service 73
     - Outside dialing restriction class 74
     - System speed dial restriction 76
     - Privacy override (COL override) 77

APPENDIX: Programming table for initial set 78
Priority for simultaneous calling and receiving 152
Tones and lamp indications 154

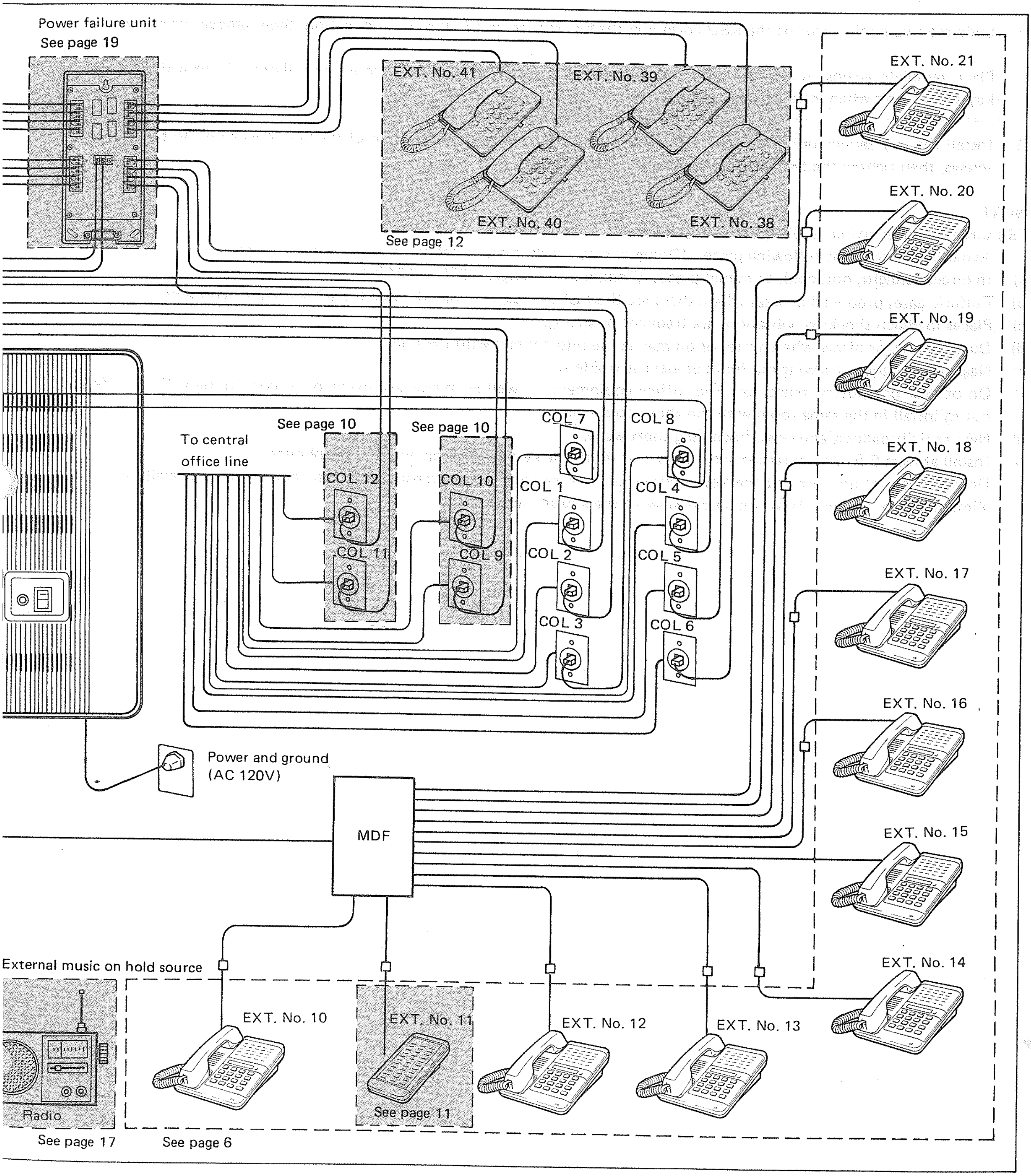
1. SYSTEM CONNECTION LAYOUT

Full system configuration layout


EXT. No. 37
EXT. No. 36
EXT. No. 35
EXT. No. 34
See page 9
EXT. No. 33
EXT. No. 32
EXT. No. 23
EXT. No. 22
See page 6
Door box B
(VA-20861)
Door box A
(VA-20861)
See page 13
Sensor
Door opener B
Door opener A
See page 14
Key service unit
(KSU)
(22 ~ 33)
(10 ~ 21)
MDF
External paging
Speaker
AMP
See page 17
SMDR
See page 15

▨ : **For option**

☐ : **Terminal box**


Power failure unit
See page 19
EXT. No. 41
EXT. No. 39
EXT. No. 40
EXT. No. 38
See page 12
EXT. No. 21
EXT. No. 20
EXT. No. 19
EXT. No. 18
EXT. No. 17
EXT. No. 16
EXT. No. 15
EXT. No. 14
See page 10
See page 10
To central office line
COL 12
COL 11
COL 10
COL 9
COL 7
COL 8
COL 1
COL 4
COL 2
COL 5
COL 3
COL 6
Power and ground (AC 120V)
MDF
External music on hold source
Radio
See page 17
See page 6
EXT. No. 10
EXT. No. 11
See page 11
EXT. No. 12
EXT. No. 13

2. INSTALLATION OF KEY SERVICE UNIT

How to wall mount the key service unit

Install the key service unit (KSU) on the wall according to the following procedure.

① Slide the two hooks securing the KSU cover and the key service unit in the arrow direction, then remove the cover.

② Place template against wall and install the four wood screws. Use the wood screw installation jig provided inside the key service unit when installing the wood screws.

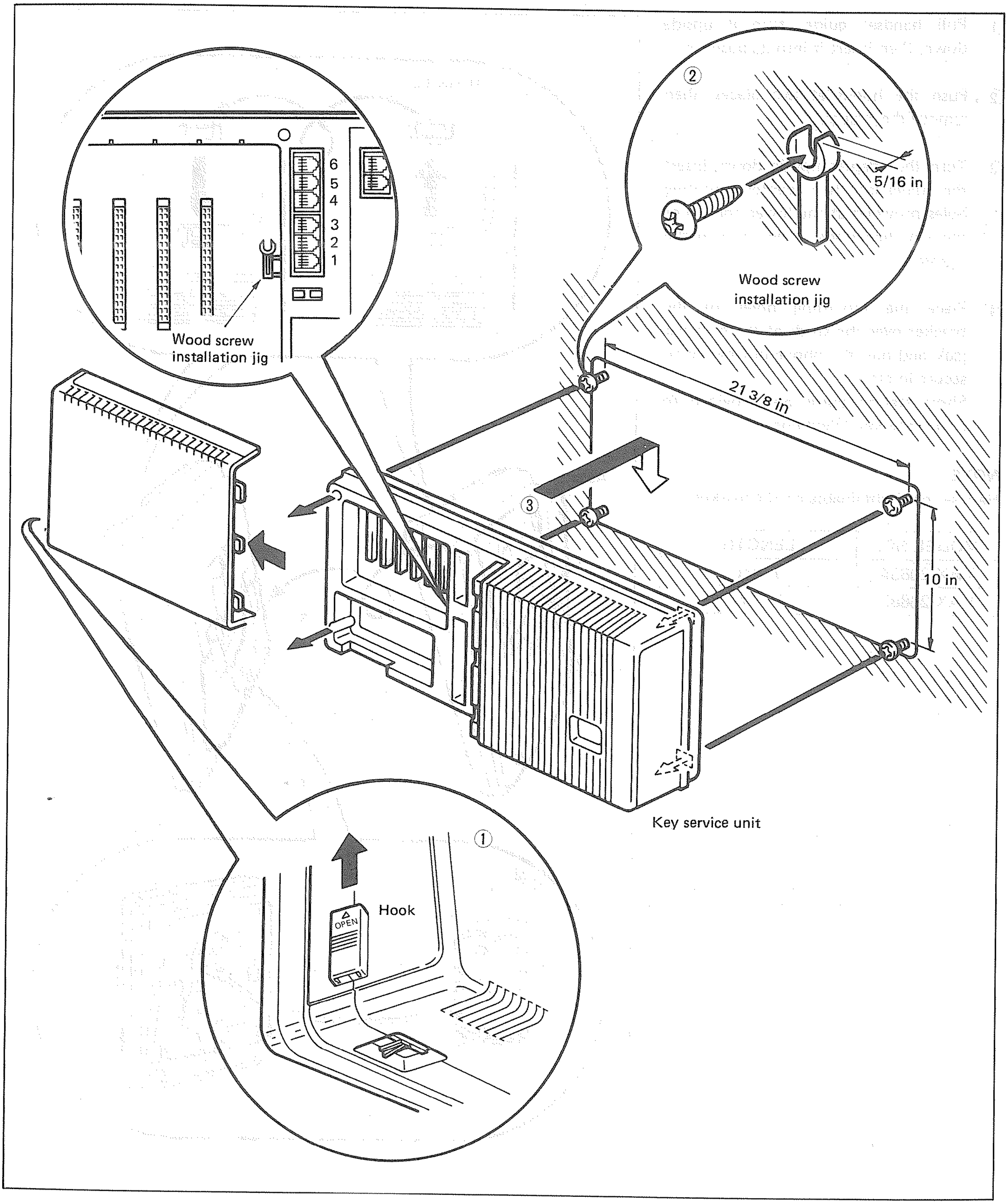
③ Install the key service unit by hooking the four installation holes at the bottom of the key service unit to the four wood screws, then tighten the two left side wood screws completely.

NOTE

"Be sure the power switch is OFF, before installation."

Avoid installing in the following places. (Doing so may result in malfunction, noise, or discoloration)

a) In direct sunlight, hot, cold, or humid places. (Temperature range: 32°F – 104°F)
b) Fulfuric gases produced in areas where there are thermal springs, etc. may damage the equipment or contacts.
c) Places in which shocks or vibrations are frequent or strong.
d) Dusty places, or places where water or oil may come into contact with the unit.
e) Near high-frequency sewing machines or electric welders.
f) On or near computers, telexs, or other office equipment, as well as microwave ovens or air conditioners. (It is preferable not to install in the same room with the above equipment.)
g) Near radio broadcast antennas. (including short wave)
h) Install at least 6 feet from radios and televisions. (both the key service unit and key telephones)
i) Do not obstruct area around the key service unit. (for reasons of maintenance and inspection – be especially careful to allow space for cooling above and at the sides of the key service unit).


②
5/16 in
Wood screw installation jig
6
5
4
3
2
1
Wood screw installation jig
21 3/8 in
③
10 in
Key service unit
①
Hook
OPEN

3. INSTALLATION OF KEY TELEPHONE

How to wall mount the key telephone

Install the key telephone on the wall according to the following procedure.

① Pull handset guide, turn it upside down, then insert it into its position.

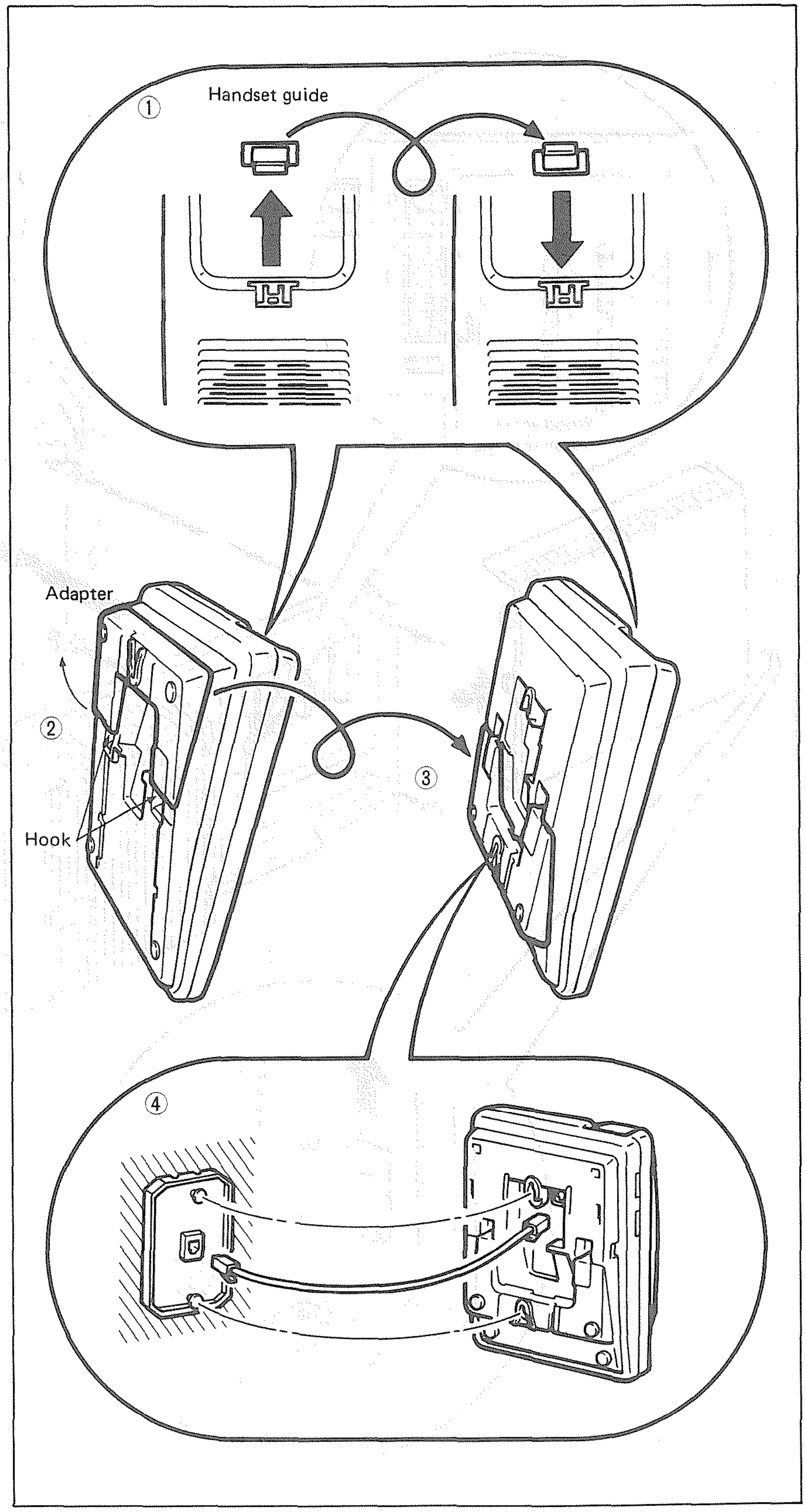
② Push the hooks at two places, then remove the adapter.

③ Turn the adapter upside down, insert the guides into two adapter mounting holes provided at the lower portion of the key telephone, then push in the adapter.

④ Place the mounting holes of the bracket over the studs of the modular jack and pull the phone downward to secure in place.
Short station cords are provided to attach the key telephone.

NOTE
Handset cord obtainable on the market.

MODEL NO.	LENGTH
VAX-20884	7 feet
VAX-20885	15 feet



4. WIRING CONNECTIONS

Connection between the KSU, Key TEL and CO/PBX line

Make connections between the KSU, Key TEL and the central office/PBX line (CO/PBX) according to the following procedure.

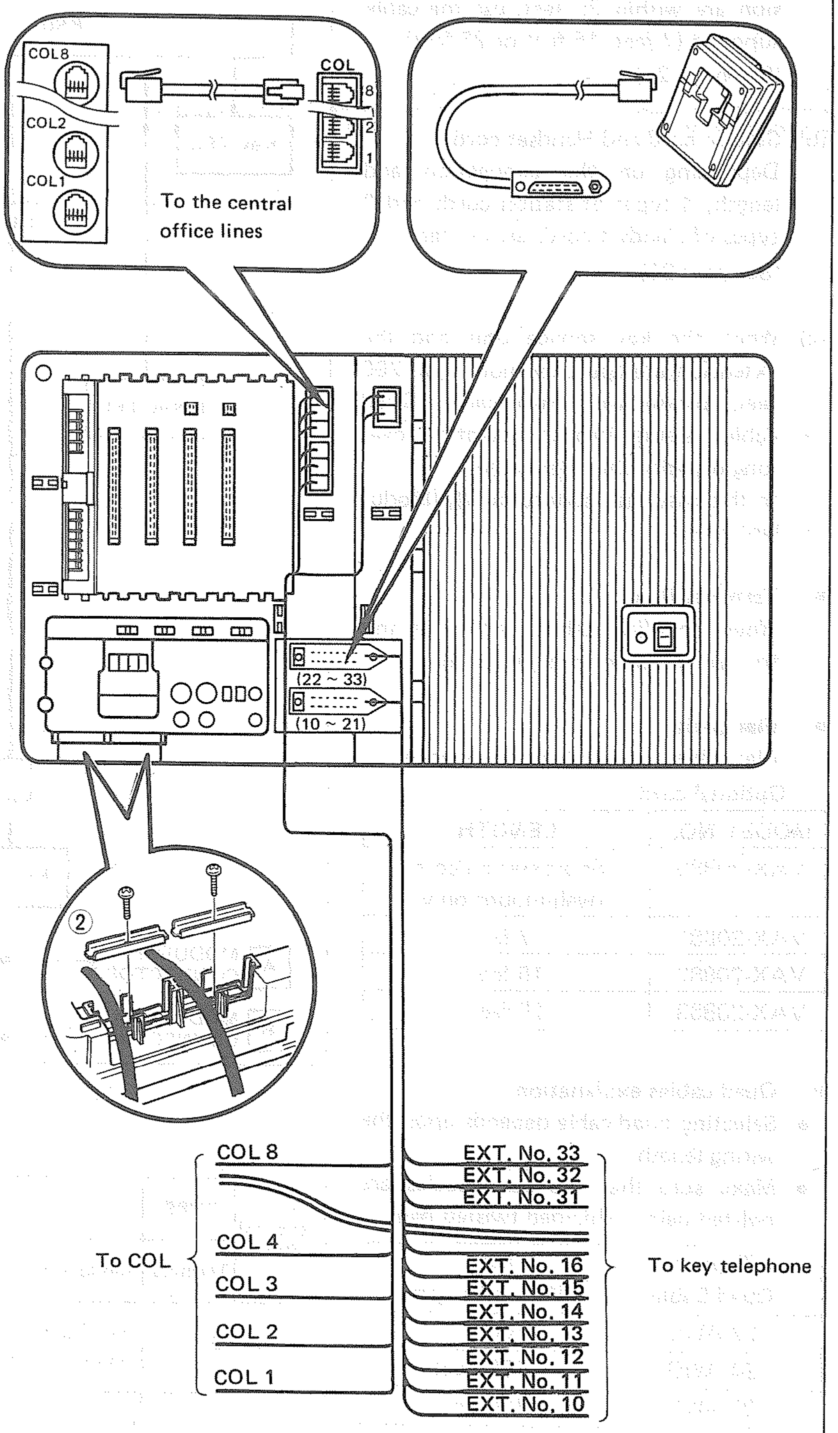
- **Connection between the KSU and CO/PBX line**
  Connect COL No. 1 through No. 8 jacks provided inside the KSU to the CO/PBX line, respectively.
- **Connection between the KSU and Key TEL**
  Connect EXT No. 10 through No. 33 jacks provided inside the KSU to the key telephones, respectively.
  EXT No. 10 is desirable to use an LCD display type key telephone (VA-12022 or VA-12022-B) that is used for the PROGRAMMING purpose described later. (see page 28.)
- **Clampring of cords**

  ① Push in the cables from the top of the cable guide.

  ② Remove the clamp plate, insert the cords, then reinstall the clamp plate over the cords and secure into place with the screw.

NOTE

- Keep the loop wire resistance to the key telephone furthest from the key service unit less than 40 ohms. (Max. 1100 feet with 22 AWG cable)
- Do not wire the telephone cable in parallel with the AC power source, computer, telex etc. If the cables run near those wires, shield the cables within metal tubing or use shielded cable and ground the shields.
- When cables run on the floor, use protectors or the like to protect the wires where they may be stepped on. Avoid wiring under carpets.
- When using an AC power supply (AC 120V), make sure the unit is ground.


COL8
COL2
COL1
COL
8
2
1
To the central office lines
(22 ~ 33)
(10 ~ 21)
②
COL 8
COL 4
COL 3
COL 2
COL 1
To COL
EXT. No. 33
EXT. No. 32
EXT. No. 31
EXT. No. 16
EXT. No. 15
EXT. No. 14
EXT. No. 13
EXT. No. 12
EXT. No. 11
EXT. No. 10
To key telephone

Type of wires

- **CONNECTION OF WIRING CABLE (FOR USE WITH A MODULAR CONNECTOR)**

(a) If the key service unit and the extension are within 25 feet, use the cable supplied (7 feet, 15 feet or 25 feet). (See page 21)

(b) Station cord and Handset cord
Depending on the connection and length, 4 types of station cords and 2 types of Handset cords are available. (See page 21)

(c) When the key service unit and the extension are apart by more than 200 feet, please use quad cable. Quad cables assure proper operation over long distance than flat cables.
In this case, use connector B (Modular-Screw).

- **Terminal Box**
When coupling cables, either of the following can be used (A or B).

- **Flat cable**
Flat cable obtainable on the market.

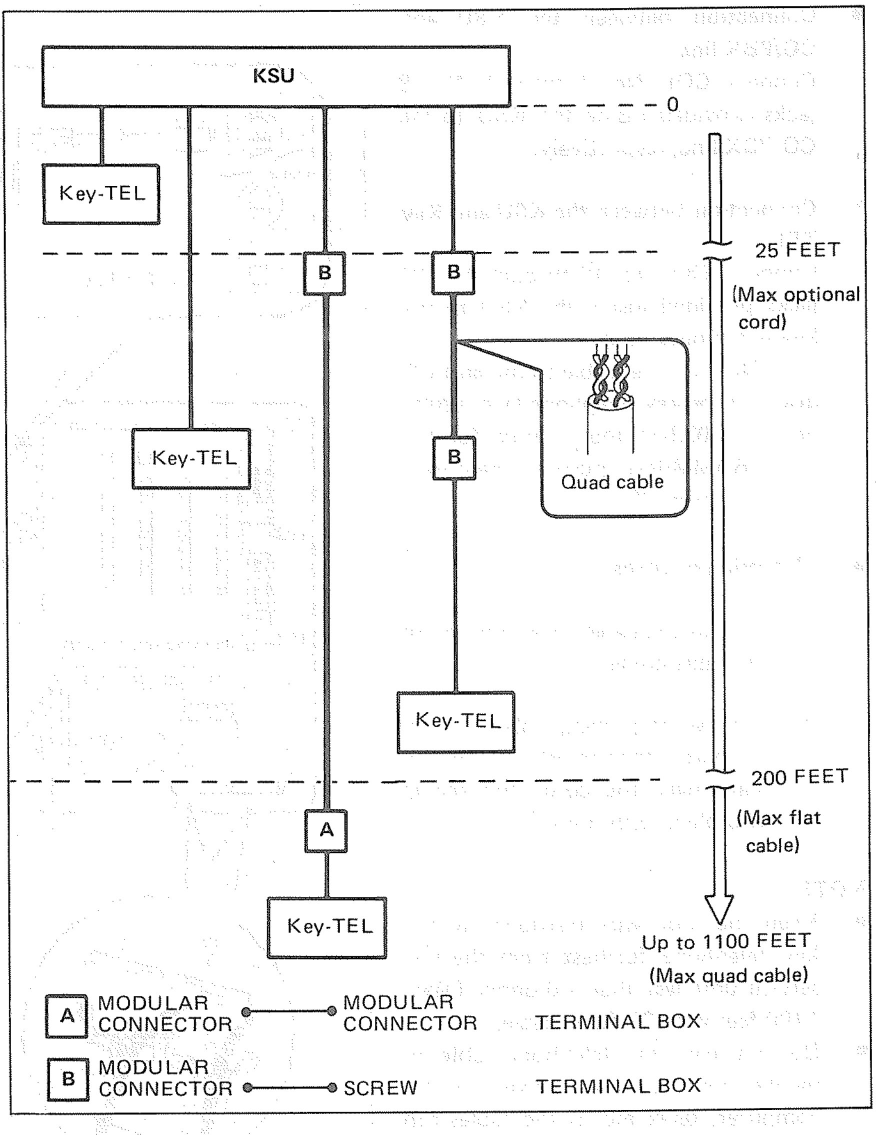
Optional cord

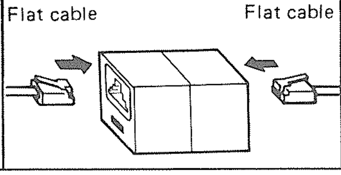
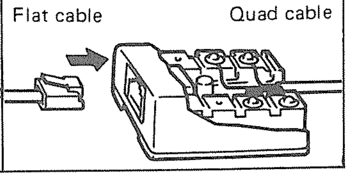
MODEL NO.	LENGTH
VAX-20880	Short station cord (wall-mount only)
VAX-20881	7 feet
VAX-20882	15 feet
VAX-20883	25 feet

- **Quad cables explanation**
  - Selecting quad cable depends upon the wiring length.
  - Make sure that the quad cables are twisted pair or shielded twisted pair.

Type of Quad Cable	Max. Wiring Length
22 AWG	1100 Feet
24 AWG	700 Feet
26 AWG	450 Feet

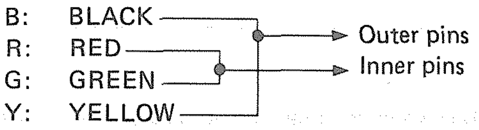
Note: Quad cables are not used for attaching modular terminals.


KSU
0
Key-TEL
25 FEET
(Max optional cord)
B
B
Quad cable
Key-TEL
B
Key-TEL
200 FEET
(Max flat cable)
A
Key-TEL
Up to 1100 FEET
(Max quad cable)
A MODULAR CONNECTOR ●—● MODULAR CONNECTOR TERMINAL BOX
B MODULAR CONNECTOR ●—● SCREW TERMINAL BOX

Terminal Box	TYPE	A	B (VAX-20886)
	Terminal	Modular ●—● Modular	Modular ●—● Screw
NOTE		Use the four conductor type inline coupler.	Use this type when the quad cable and door box unit is connected.
COUPLING OF CABLE		 Flat cable Flat cable	 Flat cable Quad cable

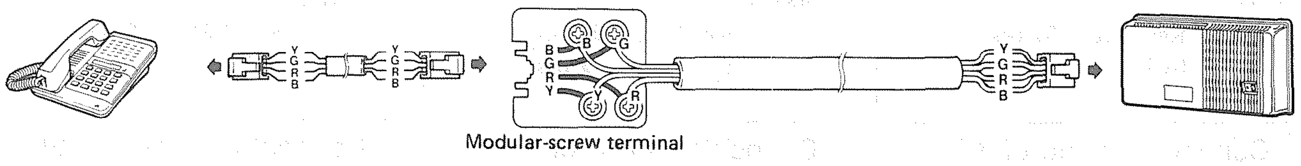
Wiring cables

- **Be sure to connect as follows**

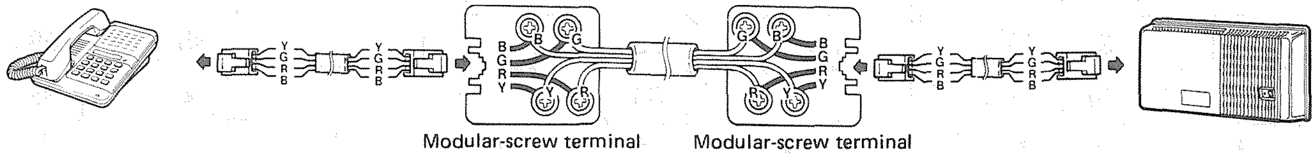

B: BLACK
R: RED
G: GREEN
Y: YELLOW
Outer pins
Inner pins

Connect the cables to the modular connector and modular screw terminal so that the wires Y, G, R and B at both ends of the cable are parallel.
Note that there are no polarity indications (plus or minus) for outer pins B and Y and inner pins R and G.

CASE 1
Connection of modular connector and modular-screw terminal.


Y
G
R
B
B
G
R
Y
Modular-screw terminal

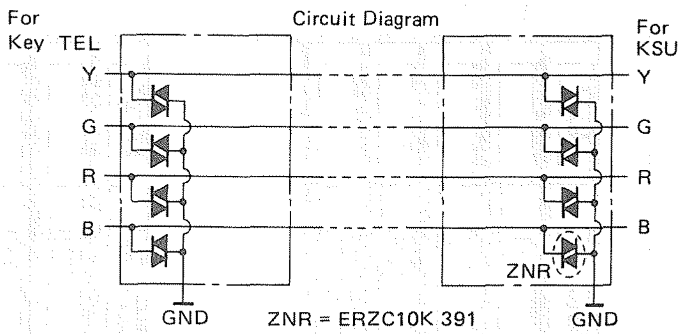
CASE 2
Connection to modular-screw terminal at both ends.


Y
G
R
B
B
G
R
Y
Modular-screw terminal
Modular-screw terminal

NOTE

- **Countermeasure for Lightning**

For the outdoor wiring to prevent lightning hazard, connect the lightning protectors with TEL and KSU in such a way that the distance between them can be kept short as possible.
If telephone conversation is interrupted by lightning turn off the POWER switch of KSU and turn it on again to see if it works.


Circuit Diagram
For Key TEL
For KSU
Y
G
R
B
ZNR
GND
ZNR = ERZC10K 391
GND

5. CONNECTION OF OPTIONAL UNIT

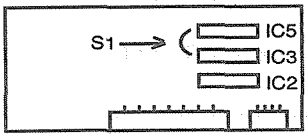
If you are not using key telephones other than those initially mounted, door boxes or external paging, you can disregard this section.

Variation of card connection

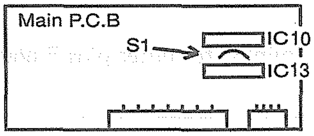
For installing more telephones, three variations are available to connect station card as shown below. Extention Nos. are indicated on each card depending on jacks.

CAUTION

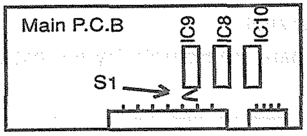
Cut the jumper wires S1 at the inside of VA-30940D, 30941D and 30942D when you use the VA-1232 system (except VA-309/VA-824).


S1
IC5
IC3
IC2

VA-30940D


Main P.C.B
S1
IC10
IC13

VA-30941D

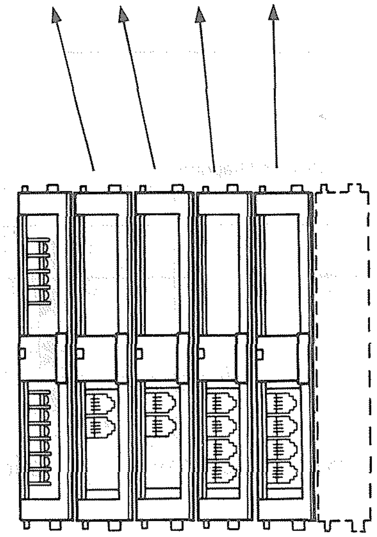

Main P.C.B
IC9
IC8
IC10
S1

VA-30942D

CASE 1

Key TEL 32 pcs
SLT 0

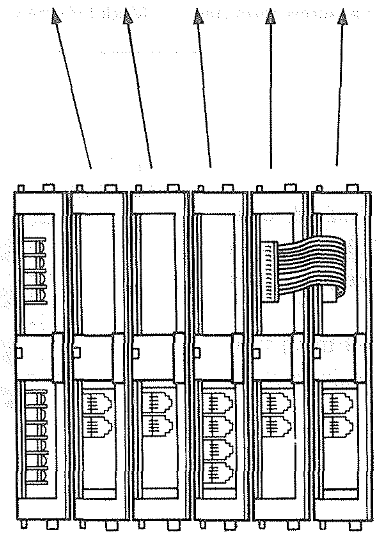
Connector name of KSU				
COL (COL NO.)	COL (COL NO.)	LC1 (EXT NO.)	LC2 (EXT NO.)	LC-S (EXT NO.)
10	12	37	41	
9	11	36	40	
		35	39	
		34	38	


DPH
COL1
LC2
LC1
(4KT)
LC2
(4KT)
LC-S
Station card I
(VA-30940D)

CASE 2

Key TEL 30 pcs
SLT 2 pcs

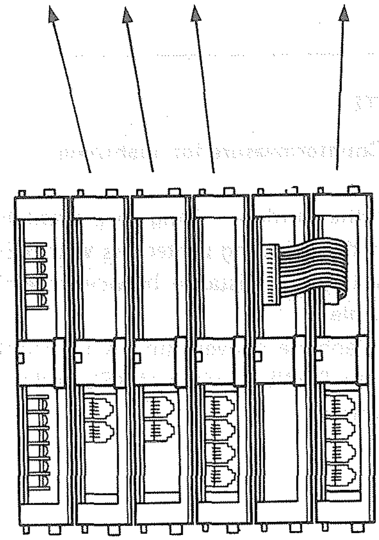
Connector name of KSU				
COL (COL NO.)	COL (COL NO.)	LC1 (EXT NO.)	LC2 (EXT NO.)	LC-S (EXT NO.)
10	12	37	39	41
9	11	36	38	40
		35		
		34		


DPH
COL1
LC2
LC1
(4KT)
LC2
(2KT)
LC-S
(2SLT)
Station card I
(VA-30940D)
Station card Ⅲ
(VA-30942D)

CASE 3

Key TEL 28 pcs
SLT 4 pcs

Connector name of KSU				
COL (COL NO.)	COL (COL NO.)	LC1 (EXT NO.)	LC2 (EXT NO.)	LC-S (EXT NO.)
10	12	37		41
9	11	36		40
		35		39
		34		38

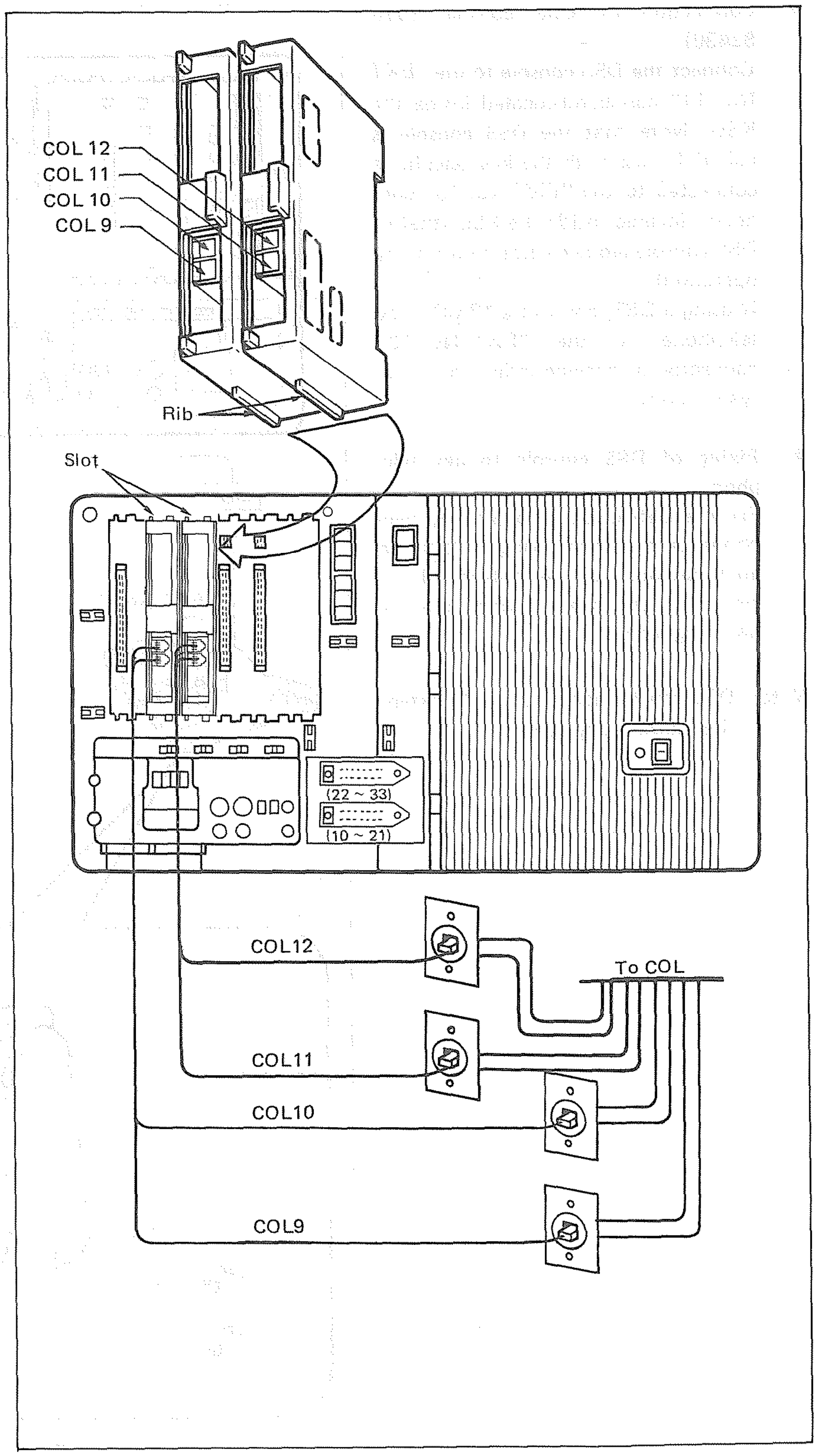

DPH
COL1
COL2
LC1
(4KT)
LC2
LC-S
(4SLT)
Station card I
(VA-30940D)
Station card Ⅱ
(VA30941D)

Extension of CO/PBX line

Be sure the power switch is off, before installing or removing the cards.
Make connections of an CO/PBX line cards and to respective CO/PBX line according to the following procedure. When inserting the CO/PBX line cards, make sure that the card top and bottom ribs are aligned with the respective slots located at the regular positions inside the key service unit.

- **Connection of CO/PBX line cards (VA-82444)**
  Insert the CO/PBX line cards into the key service unit. This one card makes four CO/PBX lines operable.

- **Connection of central office lines**
  Connect the central office lines to the respective jacks on the card. COL Nos. 9, 10, 11 and 12 assigned to the connectors in order from the top.



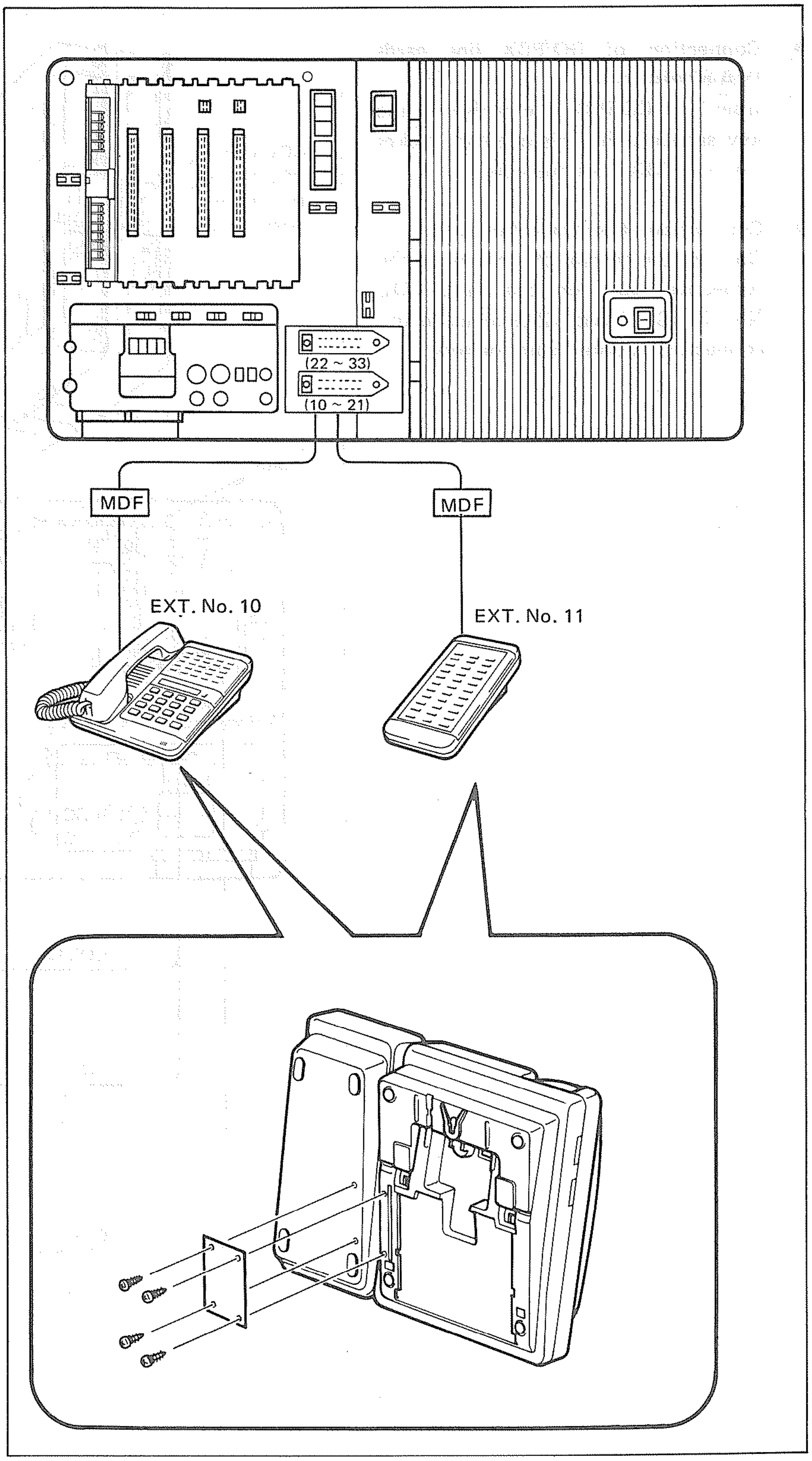
Connection of direct station selector (DSS)

Perform the connection of a direct station selector (DSS) and the fixing of the DSS console to a key telephone, according to the following procedures.
However, when you use a DSS, programming must be performed (See page 62).

- **Connection of DSS console (VA-82430)**
  Connect the DSS console to the "EXT No. 11" connector-located inside the KSU. Note that the DSS console is paired for use with the key telephone connected to the "EXT No. 10" connector located inside the KSU (that is, DSS console alone cannot perform any operation).
  If using a DSS, connect a 12 COL key telephone to the "EXT. NO. 10" connector to provide indication of all system lines.

- **Fixing of DSS console to key telephone**
  Fix the DSS console to the key telephone at the four fixing installation holes provided at the bottom of the key telephone, via a fixing plate by fastening screws.

Note: DSS can be added any odd extension numbers up to 4 units.



Connections of single line telephone or 2key TELs/2SLTs

Make connections according to the following single line telephone connecting method and the 2 Key TEL/2 SLT connecting method. When inserting a card, make sure that the card top and bottom ribs are aligned with the respective slots located at the regular positions inside the key service unit. Programming is required for connecting a single line telephone (See page 62).

- **Single line telephone**

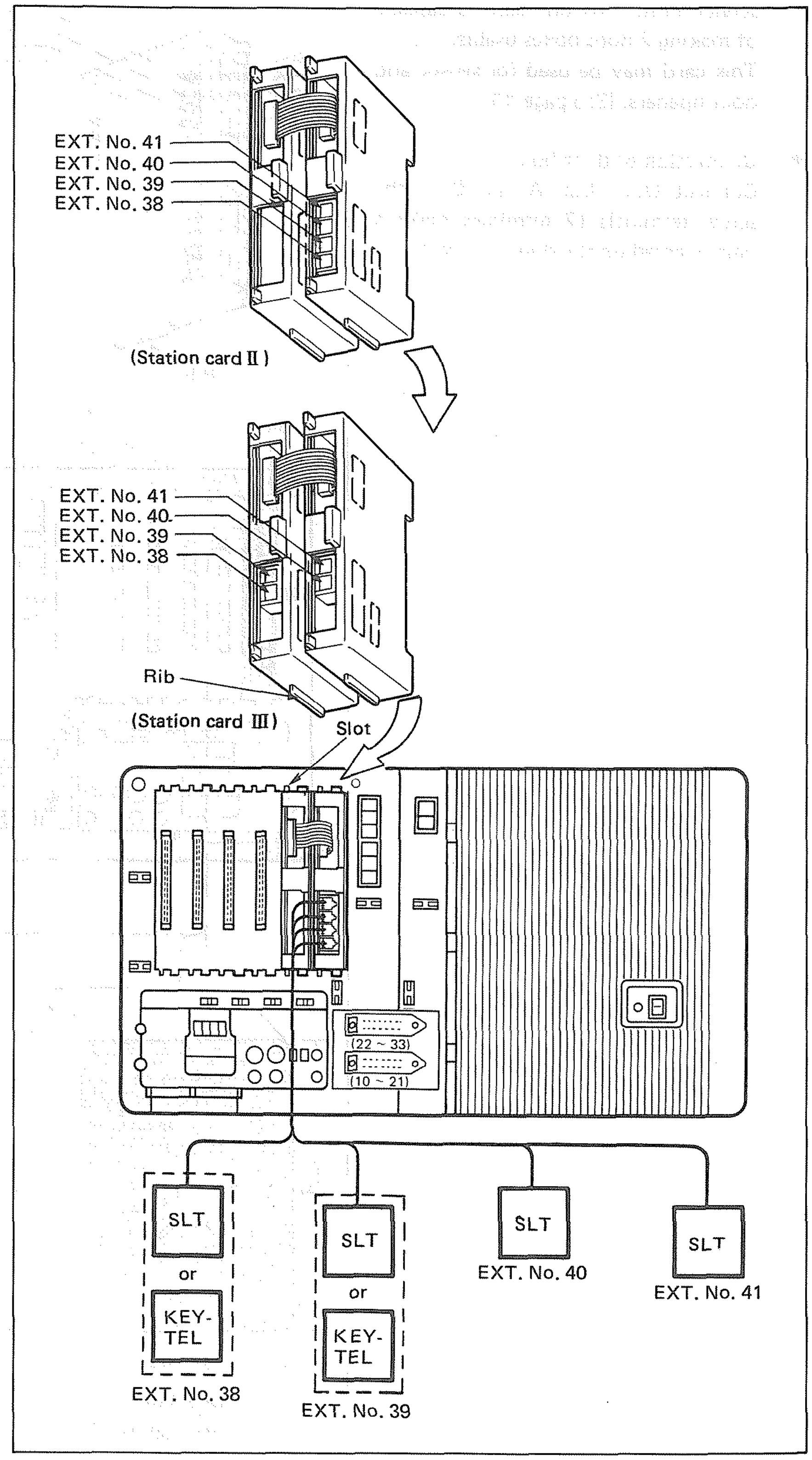
(1) Connection of station card II (VA-30941D)
Insert the station card II into the key service unit, and insert the other piece into its slots to the right of the first card. One card is capable of making 4 single line telephones usable.

(2) Connection of single line telephone
Connect each of single line telephones to the respective jacks located on the right side card. The jacks are allotted, in order from the top, extensions No. 41 through No. 38 respectively.

- **2 Key TEL/2 SLT**

(1) Connection of Station card III (VA-30942D)
Insert the station card III into the key service unit (for key TEL) and insert the other piece (for SLT) into its slots. One card is capable of making 2 key telephones and 2 single line telephones usable.

(2) Connection of Key TEL/SLT
Connect each of key telephones to the respective jacks located on the key TEL card. Then, connect each of single line telephones to the respective jacks located on the station card II. The jacks on the key TEL card are allotted, in order from the top, extensions No. 39 and No. 38, while those on the SLT card are allotted, in order from the top, extensions No. 41 and No. 40.



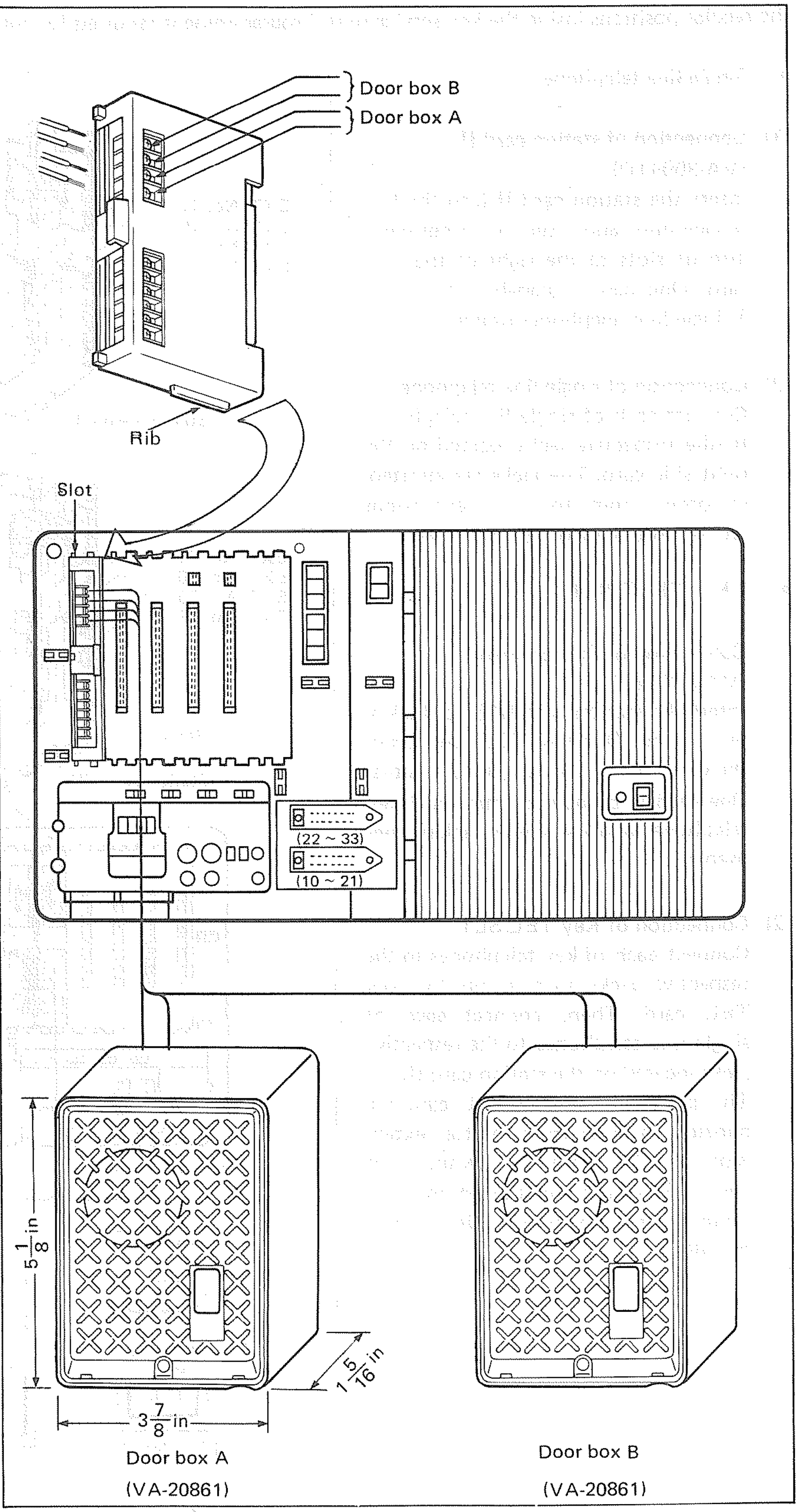
EXT. No. 41
EXT. No. 40
EXT. No. 39
EXT. No. 38
(Station card II)
EXT. No. 41
EXT. No. 40
EXT. No. 39
EXT. No. 38
Rib
(Station card III)
Slot
(22 ~ 33)
(10 ~ 21)
SLT
or
KEY-TEL
EXT. No. 38
SLT
or
KEY-TEL
EXT. No. 39
SLT
EXT. No. 40
SLT
EXT. No. 41

Connection of door box

Make connections of a door box card and of door box according to the following procedure.

- **Door box card (VA-30960)**
  Insert a door box card into the key service unit. This one card is capable of making 2 door boxes usable.
  This card may be used for sensor and door openers. (See page 14)

- **Connection of door box**
  Connect Door box A and B to the screw terminals (2 terminals make a pair) located on the door box card.


Door box B
Door box A
Rib
Slot
(22 ~ 33)
(10 ~ 21)
5 1/8 in
1 5/16 in
3 7/8 in
Door box A
(VA-20861)
Door box B
(VA-20861)

Connections of sensor and door opener

Make connections of sensor and door opener according to the following procedures.

- **Connection of sensor**

(1) Insert a door box card (VA-30960) into the key service unit.
This card makes sensor usable and also be used for door box. (See page 13)

(2) Connect the sensor terminals (screw terminals) on the door box card to sensor to be used and must meet the following requirements for connection.

Requirements for connection
(a) Always use a relay-type sensor.
(b) Ratings for contacts
See figure

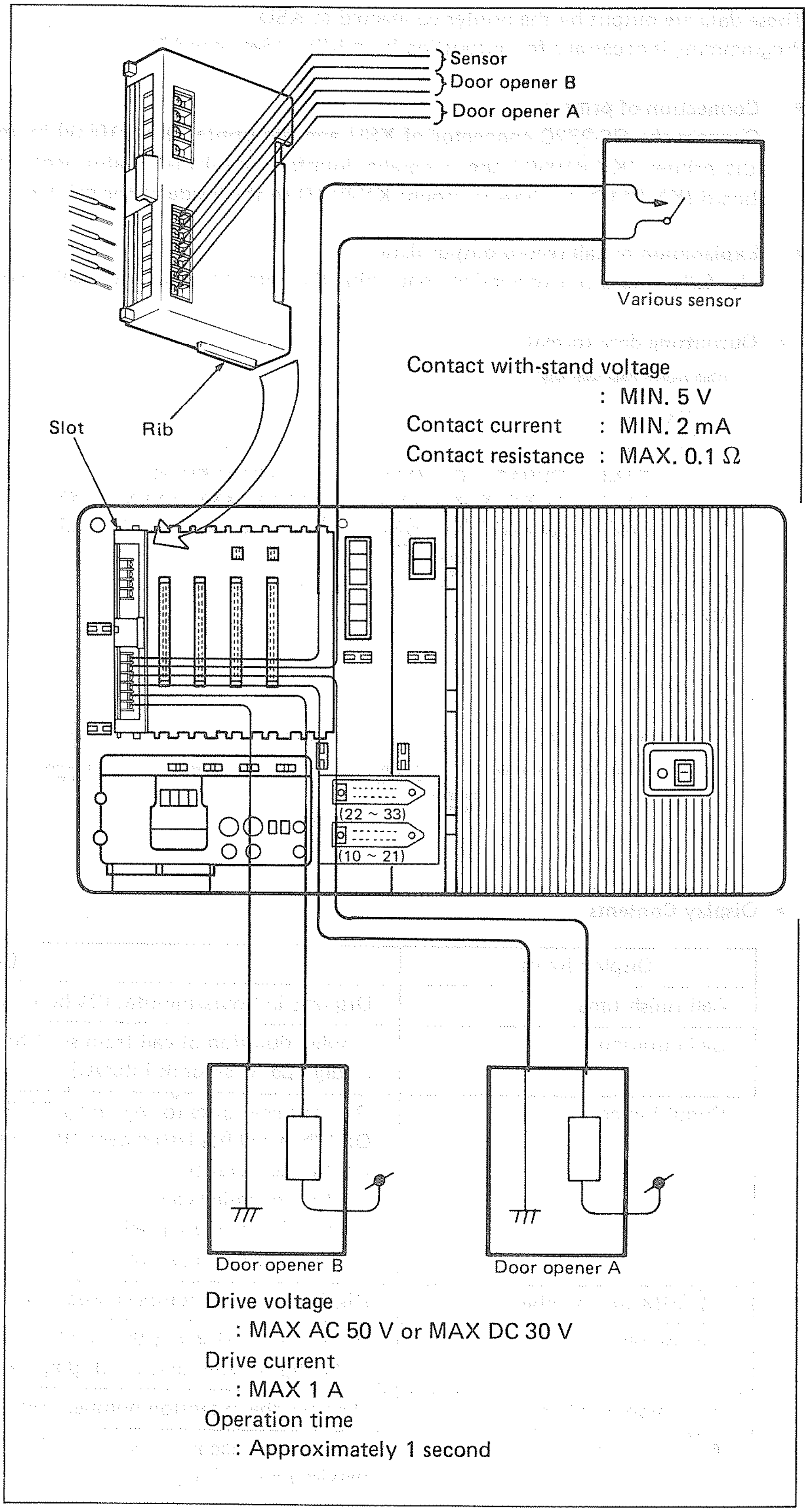
- **Connection of door opener**

(1) Insert a door box card (VA-30960) into the key service unit. This one card makes two door openers usable.

(2) Connect the screw terminals (two terminals make a pair) located on the door box card to the respective door openers. Since the door openers are one-to-one corresponding to the door box, connections should be made as shown below.
Door box **A** ↔ Door opener **A**
Door box **B** ↔ Door opener **B**

Note that the door openers to be used must meet the following requirements for connection.

Requirements for connection (Requirement for driving contacts of the relay installed in KSU)
See figure



Contact with-stand voltage
: MIN. 5 V
Contact current : MIN. 2 mA
Contact resistance : MAX. 0.1 Ω

Drive voltage
: MAX AC 50 V or MAX DC 30 V
Drive current
: MAX 1 A
Operation time
: Approximately 1 second

Connection of SMDR

This system enables the output from KSU call record data for a telephone (duration of call, etc.) through the RS-232C interface.

These data are output by the printer connected to KSU.

Programming is necessary for outputting from KSU. (See page 47)

- **Connection of printer**

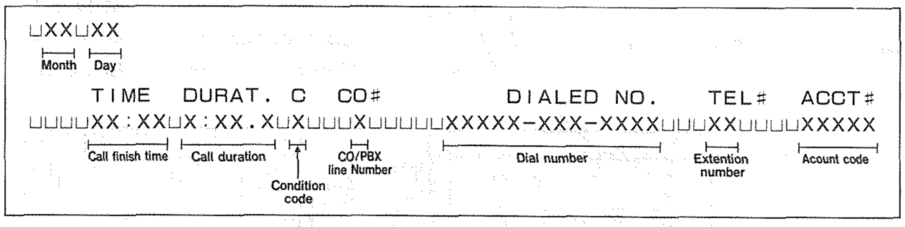
  Connect the RS-232C connector of KSU and the printer (KX-P1080i) by means of the RS-232C cable. Note that because the printer (KX-P1080i) uses a parallel interface, KX-P11D is also necessary. See the manual for the RS-232C interface board (KX-P11D) for how to mount KX-P11D to the inside of the printers.

- **Explanation of call record output data**

  The following is an explanation concerning the output format and display contents for call record data.

Outputting data format

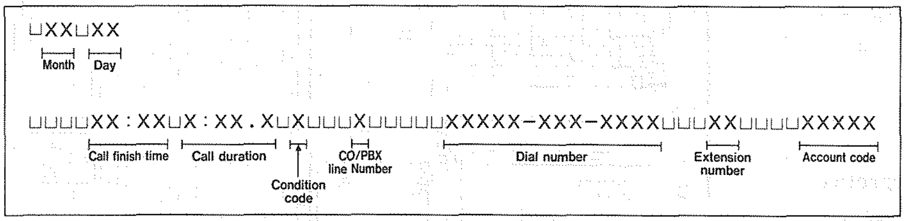
〈Call record data with title〉



```
⊔XX⊔XX

      TIME   DURAT.  C   CO#          DIALED NO.     TEL#   ACCT#
⊔⊔⊔⊔XX:XX⊔X:XX.X⊔X⊔⊔⊔X⊔⊔⊔⊔⊔XXXXX-XXX-XXXX⊔⊔⊔XX⊔⊔⊔⊔XXXXX
```

Month
Day
Call finish time
Call duration
Condition code
CO/PBX line Number
Dial number
Extention number
Acount code

〈Call record data only〉



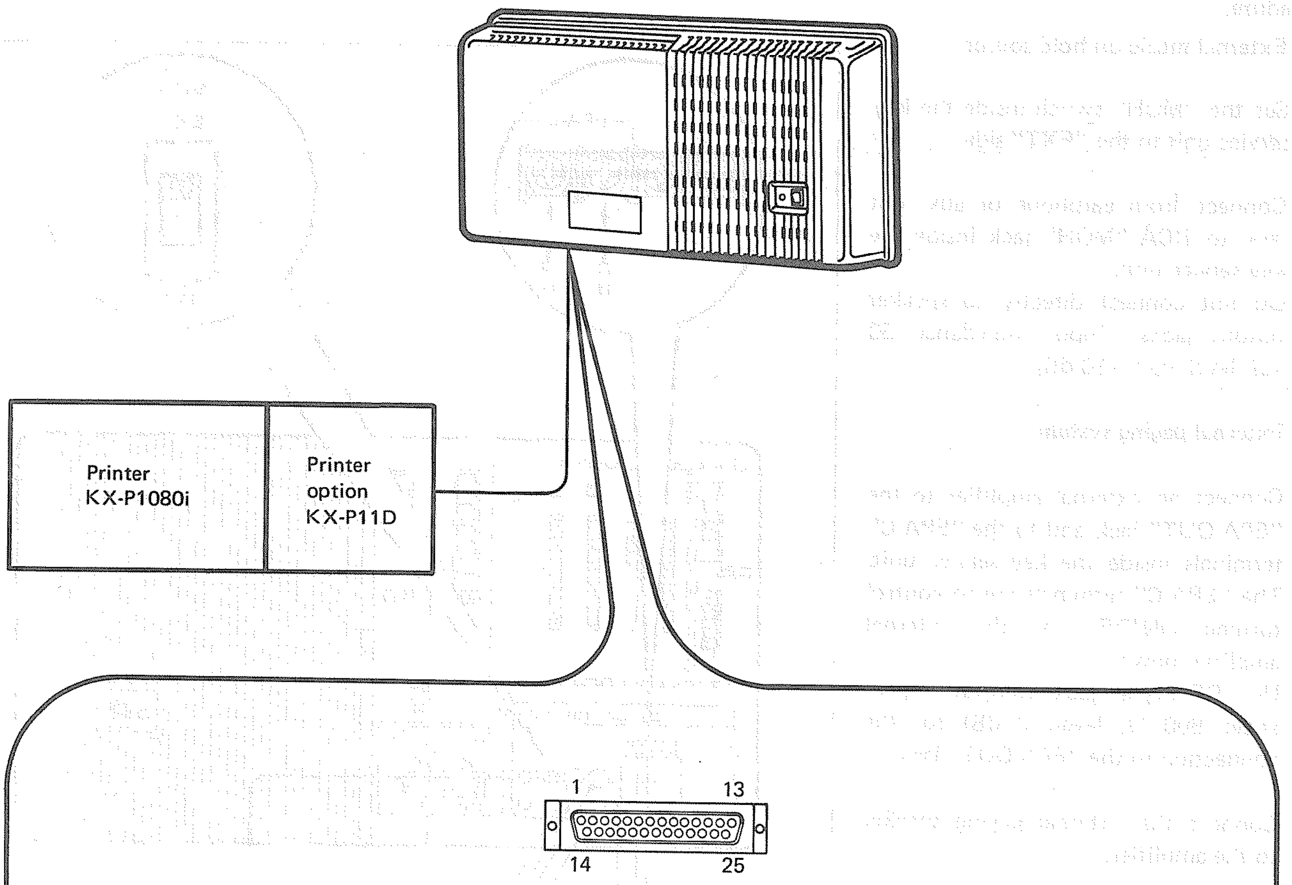
```
⊔XX⊔XX

⊔⊔⊔⊔XX:XX⊔X:XX.X⊔X⊔⊔⊔X⊔⊔⊔⊔⊔XXXXX-XXX-XXXX⊔⊔⊔XX⊔⊔⊔⊔XXXXX
```

Month
Day
Call finish time
Call duration
Condition code
CO/PBX line Number
Dial number
Extension number
Account code

⊔ : Blank   X : Data

Display Contents

Display items	Contents
Call finish time	Displays in hours/minutes (24 hour system)
Call duration	Display duration of call from start to finish in hours/minutes/seconds (1 digit per 6 seconds interval).
Condition code	Displays use contents regarding CO/PBX line by the following letters or Blank. D: When call has lasted over 10 hours. L: For conference call. I: For incoming call Blank: For outgoing call. * The priority sequence for the condition code display is D > L > I > Blank.
CO/PBX line number	Displays the line numbers used (1 to 12)
Dial number	When dialing, displays the number moving from right to left to a maximum of 15 digits. Note that for display "*" is converted to ">" and "#" to "<".
Extension number	Displays the extension number used (10 to 41).
Account code	Displays the account code input by the caller moving from left to right to a maximum of 10 digits.


Printer
KX-P1080i
Printer
option
KX-P11D
1
13
14
25

VA-123210 RS-232C		Pin No. and Connection	Printer RS-232C(KX-P11D)	
Circuit Type (EIA)	Signal Name	Pin No. and Connection	Signal Name	Circuit Type (EIA)
AA	FG	1 ——— 1	FG	AA
BB	RXD	2 ←—— 2	TXD	BA
BA	TXD	3 ——→ 3	RXD	BB
CD	DTR	6 ——→ 6	DSR	CC
AB	SG	7 ——— 7	SG	AB
CB	CTS	20 ←—— 20	DTR	CD

External music on hold source and external paging system

Make connections of the external music on hold (MOH) source and of the external paging system according to the following procedure.

- **External music on hold source**

(1) Set the "MOH" switch inside the key service unit to the "EXT" side.

(2) Connect from earphone or aux. out jack to RCA "MOH" jack inside the key service unit.
Do not connect directly to speaker output jacks. (Input impedance 50 kΩ, level max. -10 dB)

- **External paging system**

(1) Connect an external amplifier to the "EPA-OUT" jack and to the "EPA-C" terminals inside the key service unit. The "EPA-C" terminals are to control turning ON/OFF of the external amplifier power.
Use RCA-type jack (output impedance: 600 Ω, level: 0 dB) for the connection to the "EPA-OUT" jack.

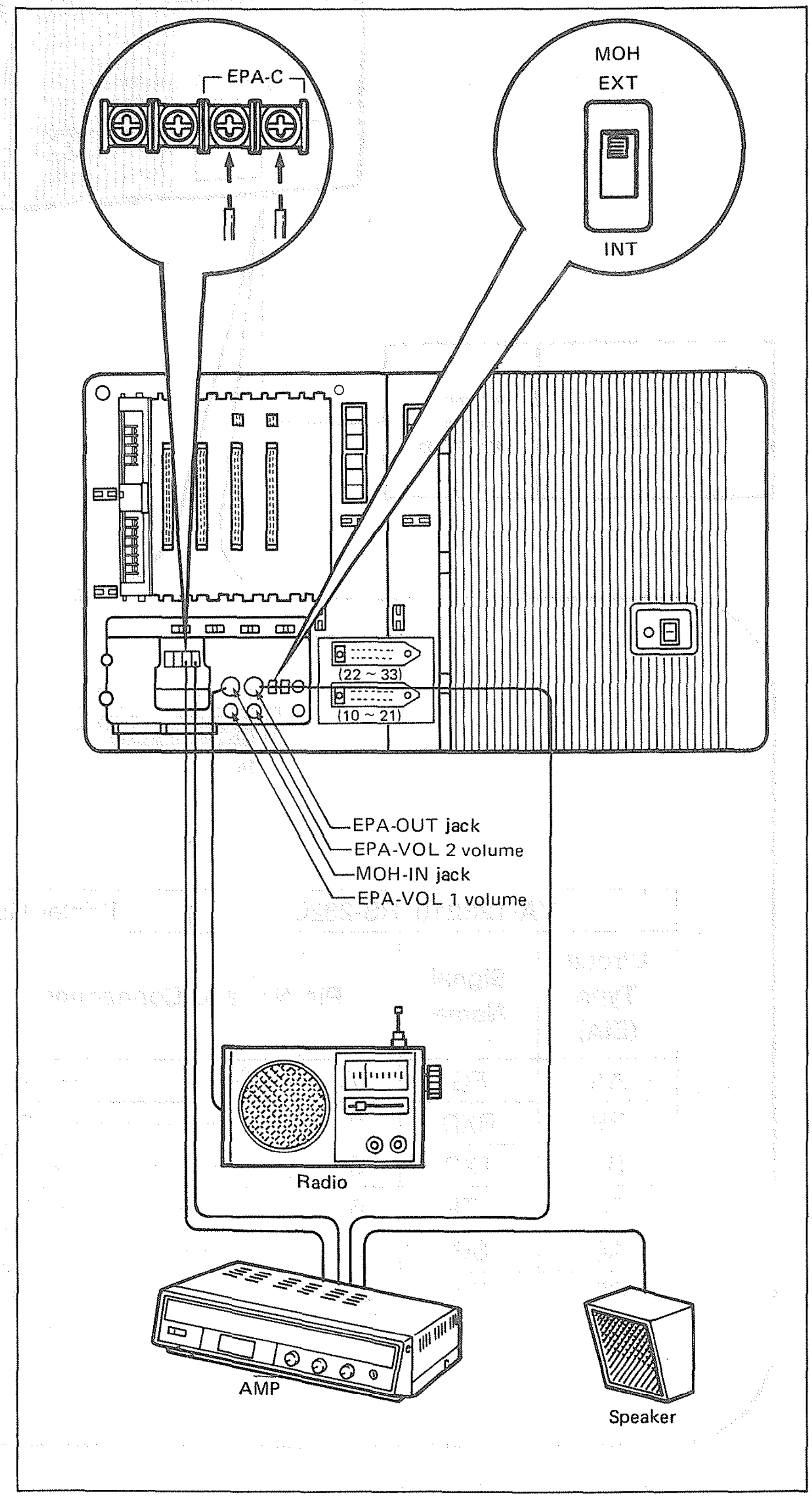
(2) Connect the external paging speaker to the amplifier.

- **Volume adjustment**

The functions of "EPA VOLs 1 and 2" located inside the key service unit are as follows.

EPA VOL1:
This volume is to control the level of the music output applied from the external sound source to EPA jack.

EPA VOL2:
This volume is to control the level of the voice output applied from the TEL to paged TEL, and EPA jack output.



Set up for Key service unit

The internal set up of the KSU and the explanations of switches and lamps are provided below.

- **Set up of the KSU**

(1) MOH Switch
Perform the set up of the MOH switch.
INT : To use built-in hold tone.
EXT : To use external music on hold source. (See page 17.)

- **Explanations of switches and lamps**

(1) Power Switch
This AC power switch is to control the whole system.

(2) Power Monitor Lamp
This lamps is to indicate that the output level from power supply unit is normal.

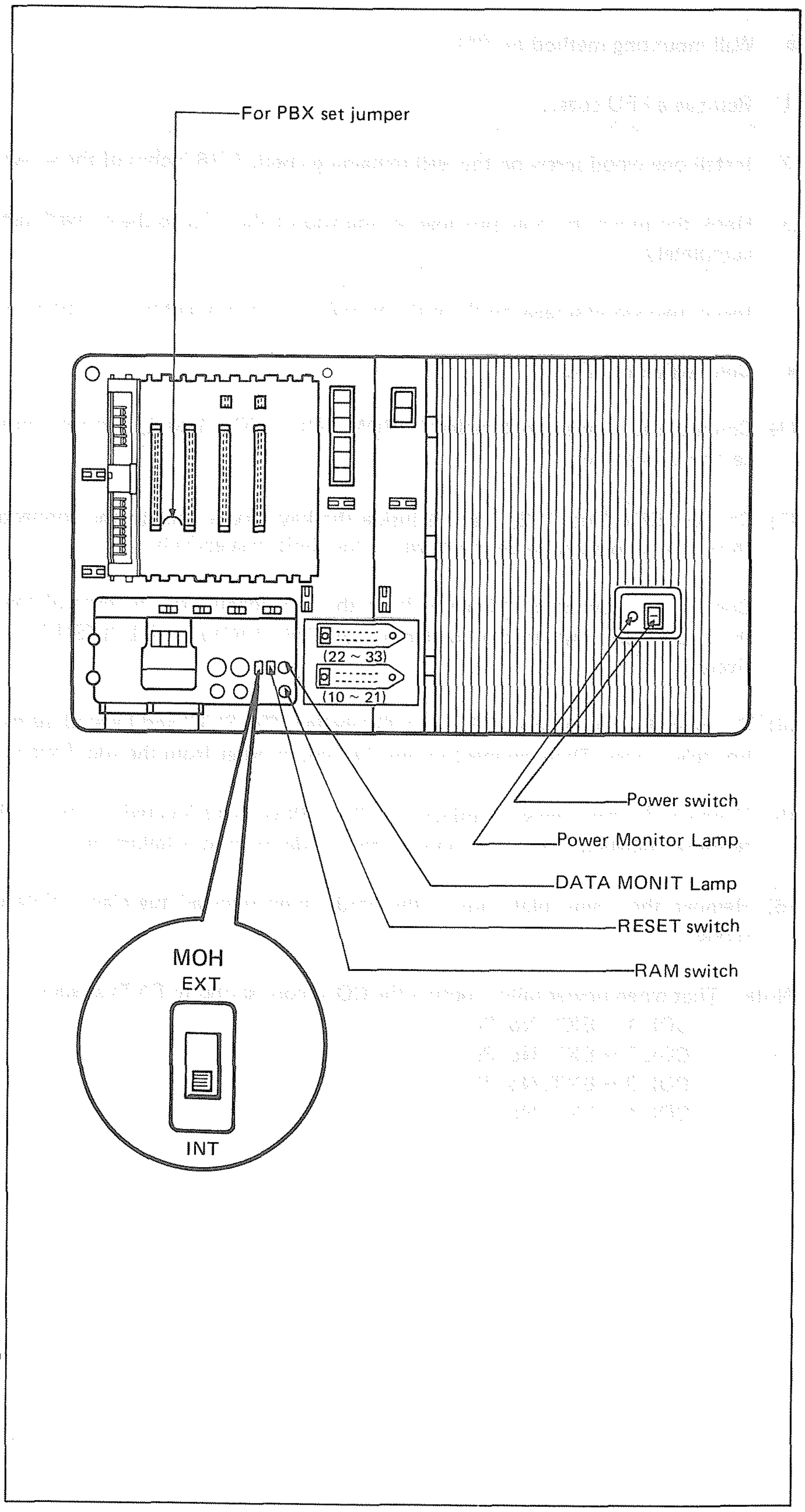
(3) RESET Switch
This switch resets the system.
If the RAM switch is set to "HOLD" system programming and speed dials will not be reset.
To reset the system, short the two sides of the pattern by inserting a screwdriver or other conductive implement.

(4) RAM Switch
This switch backup the RAM data.
Even when the power failure occurs, the RAM memory data will not be erased if the switch is on HOLD side.

(5) DATA MONIT Lamp
System is normal when lamp is flashing.

NOTE

- Programming for automatic outside line selection group.
In the FCC rules, this function is regarded as one of the distinguishing features of PBX as against the Key telephone system. When shipped from the factory this function cannot be programmed unless one jumper on the key service unit board is cut. (See page 58)



6. CONNECTION OF POWER FAILURE UNIT

Power Failure Unit (PFU) is optional equipment which, in case of power failure, directly connects CO/PBX lines and Single Line Telephones.

- **Wall mounting method for PFU**

① Remove a PFU cover.

② Install one wood screw on the wall remaining about 5/16 inches of the screw length unscrewed.

③ Hook the mounting hole provided at the top of the PFU to the on-wall installed wood screw, then fasten the wood screw completely.

④ Install two wood screws on the wall through the two respective mounting holes provided at the bottom of the PFU.

- **Connection of PFU**

(1) Connect the connectors labelled "FROM COL" (COL 1 to 4) and located inside the power failure unit to the respective central office lines.

(2) Connect COL Nos. 1, 2, 3 and 4 inside the key service unit to the connectors (4 places from the top) labelled "TO COL (KSU)" and located inside the power failure unit, respectively.

(3) Connect the connectors (4 places from the top) located on the card of the SLT card (right side card), which is set inside the key service unit, to the connectors labelled "FROM SLT-LC(KSU)" and located inside the power failure unit, respectively.

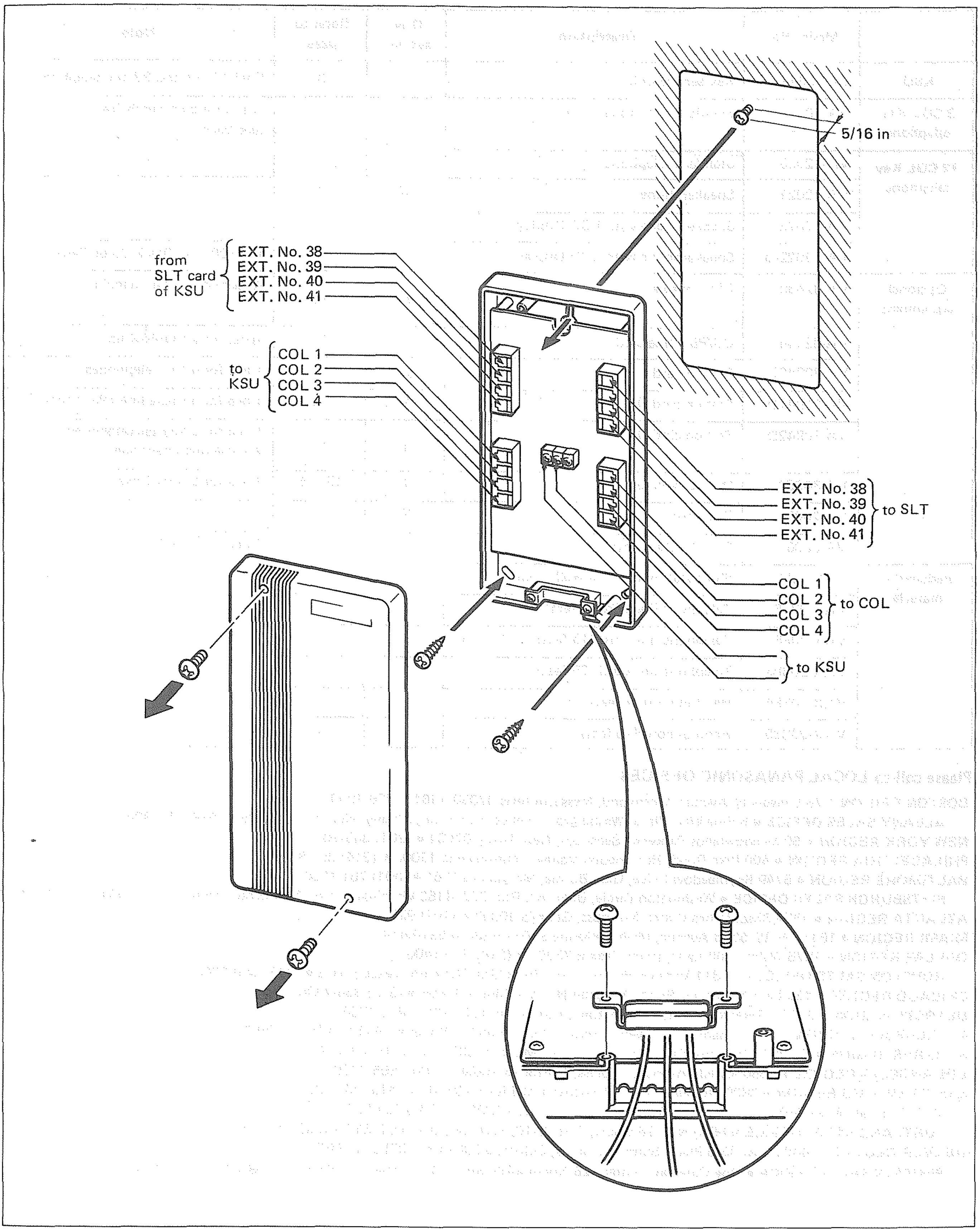
(4) Connect the connectors (TELs 1 to 4) labelled "TO SLT" and located inside the power failure unit to the respective single line telephones. These connectors are allotted, in order from the top, Extensions Nos. 38, 39, 40 and 41.

(5) Connect the two screw terminals labelled "PFU" and located inside the key service unit to the respective two screw terminals labelled "TO KSU" and located inside the power failure unit.

(6) Remove the clamp plate, insert the cords, then reinstall the clamp plate over the cords and secure into place with the screw.

Note: That when power failure occurs the COLs correspond to EXTs as shown below.

COL 1 → EXT. No. 38
COL 2 → EXT. No. 39
COL 3 → EXT. No. 40
COL 4 → EXT. No. 41


5/16 in
from SLT card of KSU
EXT. No. 38
EXT. No. 39
EXT. No. 40
EXT. No. 41
to KSU
COL 1
COL 2
COL 3
COL 4
EXT. No. 38
EXT. No. 39
EXT. No. 40
EXT. No. 41
to SLT
COL 1
COL 2
COL 3
COL 4
to COL
to KSU

7. SPECIFICATIONS OF SYSTEM

Modules and system configuration

	Model No.	Description	Q'ty system	Refer to page	Note
KSU	VA-123210	Key service unit	1	3	For12COLs and 32 key telephones
3 COL Key telephone	VA-30920	Standard telephone	32	5	With intercom hands free talk-back
12 COL Key telephone	VA-12020	Standard telephone			
	VA-12021	Speakerphone			
	VA-12022	Speakerphone with LCD Display			
	VA-12022-B	Speakerphone with LCD Display			VA-12022 in Black Color Type
Optional equipment	VA-82430	DSS console	4	11	Attached to a key telephone
	VA-82444	CO/PBX line card	2	10	1pce. for 2 CO/PBX line
	VA-30940D	Station card I	2	9	1 pce for 4 key telephones
	VA-30941D	Station card II	1	12	1 pce for 4 single line telephones
	VA-30942D	Station card III	1	12	1 pce for 2 key telephones and 2 single line telephones
	VA-30960	Door box card	1	13, 14	1 pce for 2 door boxes
	VA-20861	Door box	2	13	
	VA-30965	Power failure unit	1	19	1 pce for 4 COLs
Installation material	VAX-20880	Short station cord for wall mount	–	–	
	VAX-20881	Telephone line cord (7 feet)	–	–	
	VAX-20882	Telephone line cord (15 feet)	–	–	
	VAX-20883	Telephone line cord (25 feet)	–	–	
	VAX-20884	Handset cord (7 feet)	–	–	
	VAX-20885	Handset cord (15 feet)	–	–	

Please call to LOCAL PANASONIC OFFICES

BOSTON REGION ● 75 University Avenue, Westwood, Messachusetts 02090 ● (617) 326-4000
ALBANY SALES OFFICE ● 5 Pine West Plaza, Washington Avenue Extension, Albany, New York 12205 ● (518) 456-8242
NEW YORK REGION ● 50 Meadowlands Parkway, Secaucus, New Jersey 07094 ● (201) 348-7000
PHILADELPHIA REGION ● 400 Pike Road, Huntingdon Valley, Pennsylvania 19006 ● (215) 364-8300
BALTIMORE REGION ● 6749 Baymeedow Drive, Glen Burnie, Maryland 21061 ● (301) 761-1900
PITTSBURGH SALES OFFICE ● Washington Circle, Bldg. #2. Rm. 202. 4150 Washington Rd., McMurray, Pennsylvania 15317 ● (412) 561-8823
ATLANTA REGION ● 1854 Shackleford Court, Norcross, Georgia 30093 ● (404) 925-6700
MIAMI REGION ● 16115 N. W. 52nd Avenue, Miami, Florida 33014 ● (305) 621-5814
DALLAS REGION ● 1825 Walnut Hill Lane, Irving, Texas 75062 ● (214) 550-1400
HOUSTON SALES OFFICE ● 15311 Vantage Parkway, W., Suite 200, Houston, Texas 66032 ● (713) 590-3663
CHICAGO REGION ● 425 East Algonquin Road, Arington Heights, Illnois 60005 ● (312) 364-7900
DETROIT REGION ● 23923 Research Drive, Farmington, Michigan 48024 ● (313) 477-2760
MINNEAPOLIS REGION ● 11001 Hampshire Avenue South, Bloomington, Minnesota 55438 ● (612) 829-0019
ST. LOUIS REGION ● 5434 Eagle Industrial Court Hazetwood, Missouri 63042 ● (314) 731-1344
LOS ANGELES REGION ● 6550 Katella Avenue, Cypress, California 90630 ● (714) 895-7200
SAN FRANCISCO REGION ● 3825 Hopyard Road, Pleasanton, California 94566 ● (415) 463-2922
SEATTLE REGION ● 4060 Lind Avenue S. W., Renton. Washington 98055 ● (206) 251-5209
PORTLAND SALES OFFICE ● 6645 N.E. 78 Court, Suite C-10, Portland, Oregon 97218 ● (503) 257-9661
DENVER REGION ● 14401 East 33rd Place, Suite F, Aurora, Colorado 80011 ● (303) 371-3080
PHOENIX SALES OFFICE ● One Gateway Center 426 North 44th, Suite 473, Phoenix, Arizona 85008 ● (602) 273-0713

System capacity and specifications

System capacity

COL capacity	12
Intercom speech path	6
Key telephone*	Up to 32 (EXT. No. 10 to 41)
Automatic dial	
One touch dial	10 stations (for each telephone)
System speed dial	90 stations (for the system)
Speed dialing digits	16 digits/Station (included PBX access code)
Redialing digits	16 digits/Last number and save number

Specifications

Dimensions (inch) (Height x Width x Depth) and Weight (Pound)	
Key Service Unit	12.6(H) x 23.0(W) x 4.2(D), 9.5(lb)
Key Telephone	8.5(H) x 6.7(W) x 2.4(D), 2.2(lb)
Power Consumption (Watt)	
Maximum	Approx. 180 W

*Note:
1. Specifications subject to change without notice.
2. Any of the below combination
    a. 32 Key telephones
    b. 30 Key telephones & 2 single line telephones
    c. 28 Key telephones & 4 single line telephones

Check list of parts

When you unpack the system phone, make sure that you have all of the following parts.

Key Service Unit

Key Service Unit (VA-123210)	1 pce
Short station cord for wall mount	3 pcs
Operating instruction assy	1 set
Operating instructions	1 copy
Operating instructions sheet	20 copies
Installation and programming manual assy	1 set
Installation and programming manual	1 copy
Programming table	1 copy
Screw template for wall mounting KSU	1 copy

Key Telephone

Base	1 pce
Handset	1 pce
Handset cord	1 cpe
Station cord	1 pce
Name card of system speed dial	1 set
Name card of individual speed dial	1 copy
Plastic case for system speed dial	1 pce

PROGRAMMING

EXPLANATION ON PROGRAMMING

The Easa-Phone VA-1232 is a small, sophisticated Key Telephone system. It offers many features which can be easily programmed to uniquelly fit your communication needs.
The Easa-Phone utilizes Random Access Memory (RAM) for storage of the "User's" variable programs and features. Each telephone station can be assigned a set of features based on the individual "User's" requirements.
Note that a program has been pre-set into the Easa-Phone VA-1232 system memory for general use which is called the Initial Set. Thus, no programming is necessary to immediately use your telephone system. However, to properly change from the Initial Set to any other option, the programming steps detailed under the Programming Settings for the desired feature must be followed.
A programming record chart is provided for ease of recording your program changes. A sample of this Programming Table indicating the Initial Set can be found in the back of this manual. Whenever programming changes are made, they should be immediately recorded on the Programming Table to provide a quick reference of the current programmed feature options.

PROGRAMMING CONTENTS

1. INITIAL SET LIST 25
2. METHOD OF PROGRAMMING 27
3. PROGRAMMING 30
APPENDIX 78

1. INITIAL SET LIST

The table below describes the features, initial setting and those programming mode.

	FEATURE	INITIAL SET	DESIRED FUNCTION	PAGE
System setting	PBX outside dialing digit	Dial No.9	Dial no.0 to 8 (one digit set)	30
	Automatic pause	No Dial No.	Dial no.0 to 9 (possible multiple digit set)	31
	Call duration display appear timing	After 15 sec	After 30 sec	32
	Flash time	1 sec	0.6 sec or 2 sec	33
	Pause time	2 sec	3 sec	34
	System speed dial group A	00 to XX(89)	XX can range from 00 to 89	35
	System speed dial group B	YY (00) to 89	YY can range from 00 to 89	36
	Long speech alarm	No alarm tone	Have alarm tone	37
	COL auto answering	Automatic answering with handset or ON/OFF key	No auto answering or automatic answering with handset	38
	COL night incoming ring mode	Ring on night time ring set TEL	Ring on both telephones	39
	Hold recall	No recall	Recall after 30 sec, 1 min, 2 min or immediately	40
	Connection of door box	Can be connect	Can not connect	41
	Type of applicable sensor	Detect-close	Detect-open	42
	Sensor alarm stopping method	By sensor	By handset (off-hooking)	43
	Detection of SLT on-hooking	0.05 to 1.2 sec	0.05 to 0.5 sec	44
	Hold recall for DSS TEL	Immediately	Recall after 30 sec, 1 min, 2 min or no recall	45
	Display time system setting	12 00 (HH) (MM)	HH MM N AM,PM setting Minute setting Hour setting	46
	SMDR output	No data output	Outputting data with title or Outputting data only	47
	SMDR YEAR, MONTH and DAY setting	87 01 01 (YY) (MM) (DD)	YY MM DD DAY setting MONTH setting YEAR setting	48
	SMDR baud rate setting	4800 BPS	300BPS,600BPS,2400BPS,4800BPS or 9600BPS	49
	SMDR frame configuration	7 bit/2 bit/even (Data/Stop/parity)	7 bit/1 bit/even, 7 bit/1 bit/odd, 7 bit/2 bit/odd, 8 bit/1 bit/even, 8 bit/1 bit/odd, 8 bit/2 bit/even, or 8 bit/2 bit/odd 8 bit/1 bit/no parity, 7 bit/2 bit/no parity	50
	Type of COL dialing	Non 1 + area code	1 + area code	51
	* and # restriction	Restricted	Not restricted	52
	Digit length restriction	Not restricted	Restrict one of the digit length from 8 to 16 digits	53
	Incoming call restriction	In accordance with outside dialing restriction class	Outside dialing restricted	54
	Override setting	Clear	Dial no.0000 to 9999 (Max : 4 digits/8 entries)	55

	FEATURE	INITIAL SET	DESIRED FUNCTION	PAGE
COL setting	Tone/pulse dialing signal conversion	Tone dial	Pulse dial	56
	CO line or PBX line	COL	PBX	57
	Automatic outside line selection group	Not designated	Designated	58
	Length of DTMF signals	80 msec	240 msec	59
	Minimum pause	80 msec	160 msec	60
	Ring detection time	6 sec	8 sec	61
Key telephone setting	Telephone type	Key telephone	Single line telephone. Direct station selector.	62
	Line key assign	Line key 1 → COL 1 Line key 2 → COL 2 Line key 3 → COL 3 Line key 4 → COL 4 Line key 5 → COL 5 Line key 6 → COL 6 Line key 7 → COL 7 Line key 8 → COL 8 Line key 9 → COL 9 Line key 10 → COL 10 Line key 11 → COL 11 Line key 12 → COL 12	Setting any COL number between 1 to 12 Press HOLD key to assign FF key. Latest setting is the higher priority. If set COL 2 to Line key 2, and after set COL 2 to Line key 3 then Line key 2 automatically delete the program and set FF automatically.	63
	Incoming call ringing	No ring	Ring (EXT no. 10 rings calls of all COL)	65
	Off-hook signaling	COL incoming ring only	Neither COL nor intercom, only intercom or both COL and intercom	67
	Door box call	Both A and B will ring	Door box will not ring only A will ring or only B will ring (EXT. no 26 to 41 is no door box rung)	68
	Sensor ringing	No alarm tone	Alarm tone ring (EXT. no.10 is alarm tone ring)	69
	Zone paging	Zone 1	Zone 2 to 3 (Possible multiple set) [Zone 3 includes external paging.]	70
	System speed dial group	Both groups A & B usable	Only group A usable, only group B usable or neither group A nor group B unusable	71
	Flexible night service setting	Can not set night mode	Can be set night mode (EXT. no.10 is used always as night mode.)	72
	Flexible night service	No night ring	Have night ring (EXT. no.10 is night rings)	73
	Outside dialing restriction class	Not restricted	Outside dialing restricted, 0/1 & 411•555•976 restricted or 0/1 restricted	74
	System speed dial restriction	Not restricted	Restricted	76
	Privacy override	Privacy	Can be break-in for outside call	77

2. METHOD OF PROGRAMMING

Read the following paragraphs before proceeding to the actual programming instructions and procedures. These notes and procedures are intended to acclimate the programmer to the proper programming sequence required prior to the actual programming.

- **Programming of initial set**

① Assure that the RAM switch is positioned at "CLR" side.

② Set the power switch to the "ON" position.

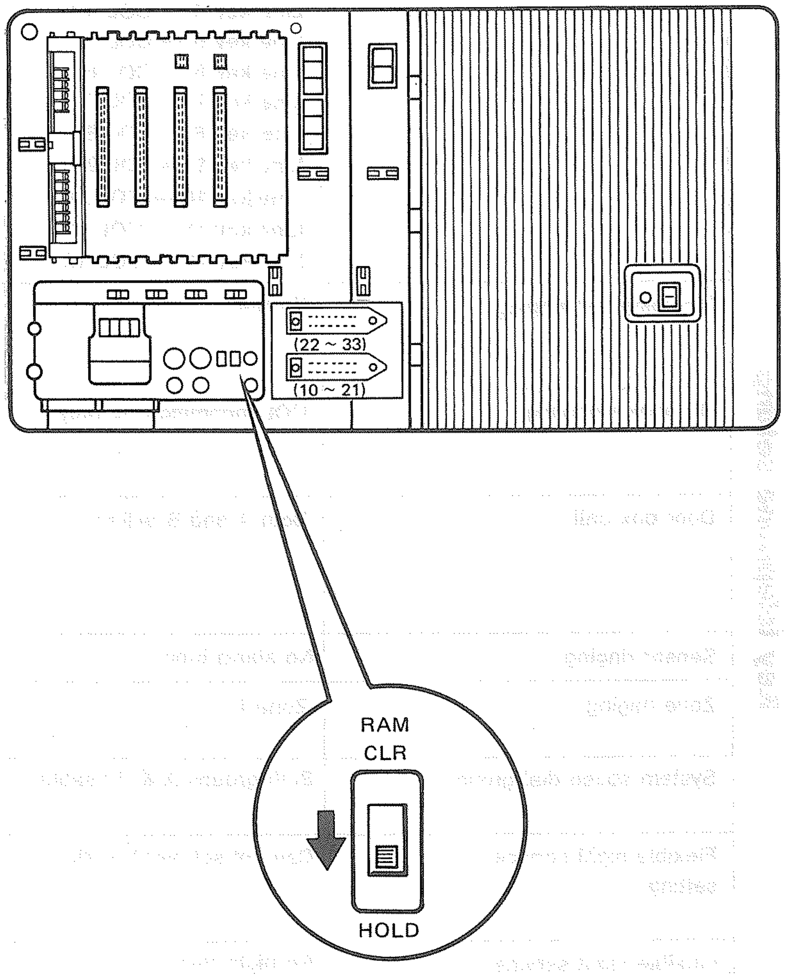
③ After about 5 seconds, assure that the DATA MONIT lamps is flashing.

④ Change the RAM switch from the "CLR" side to "HOLD" side.

The initial set programming is now completed through the above operations.

NOTE

If you change the programming again, the RAM switch is not necessary switched over.



- **Method of programming**
  All programming changes are made at Extension No. 10 and it is recommended to use key telephone with a LCD display (VA-12022 or VA-12022-B).

① Press the ON/OFF button. The ON/OFF indicator and MIC indicator lights up and a continuous tone is emitted.

② Press the * 0 0 0 (The continuous tone will stop) and then press the dial key X # **(X: mode numbers 1 to 7)**

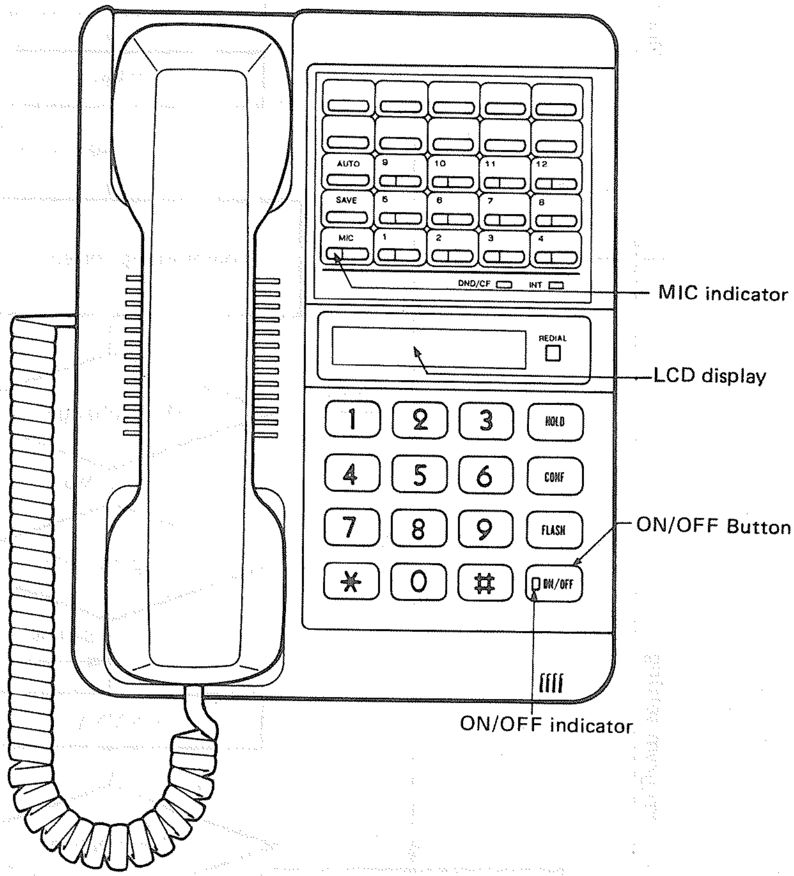
mode 1: System setting
mode 2: COL setting
mode 3: Key telephone setting
mode 4: Incoming call ringing setting
mode 5: Line/FF key setting
mode 6: Restriction setting
mode 7: Display time setting

③ Press the program step numbers for the desired feature option. Refer to the PROGRAMMING TABLE for programmable feature option.

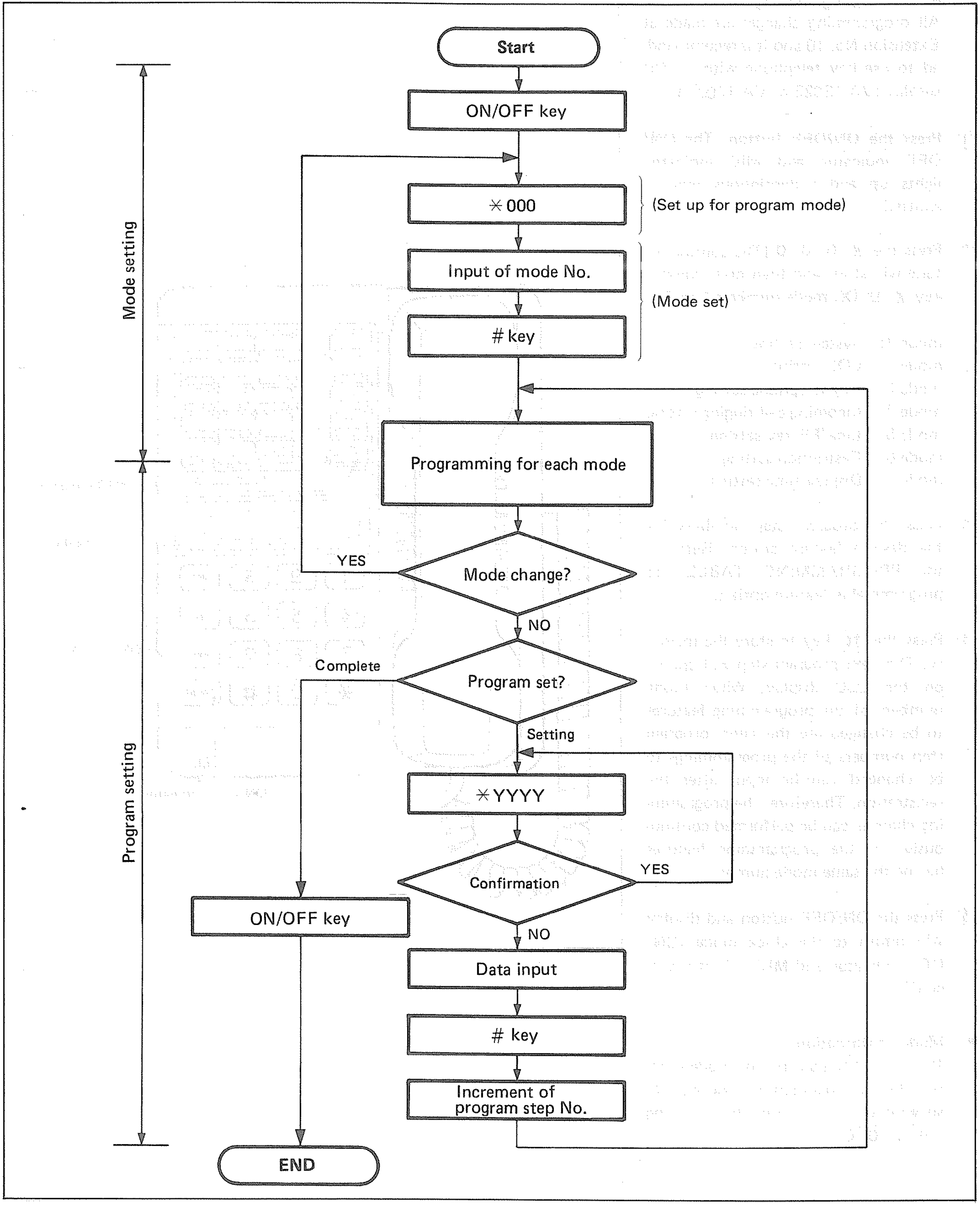
④ Press the # key to store the memory. The next program step will appear on the LCD display. When mode numbers of the programming features to be changed are the same, program step numbers of the programmings to be changed can be input after the registration. Therefore, the programming changes can be performed continuously for the programming features having the same mode number.

⑤ Press the ON/OFF button and display will return to the clock mode (ON/OFF indicator and MIC indicator will go off).

- **Mode confirmation**
  If you want to confirm the mode number during programming, you can do so with the LCD display by inputting "* 0 0 0".



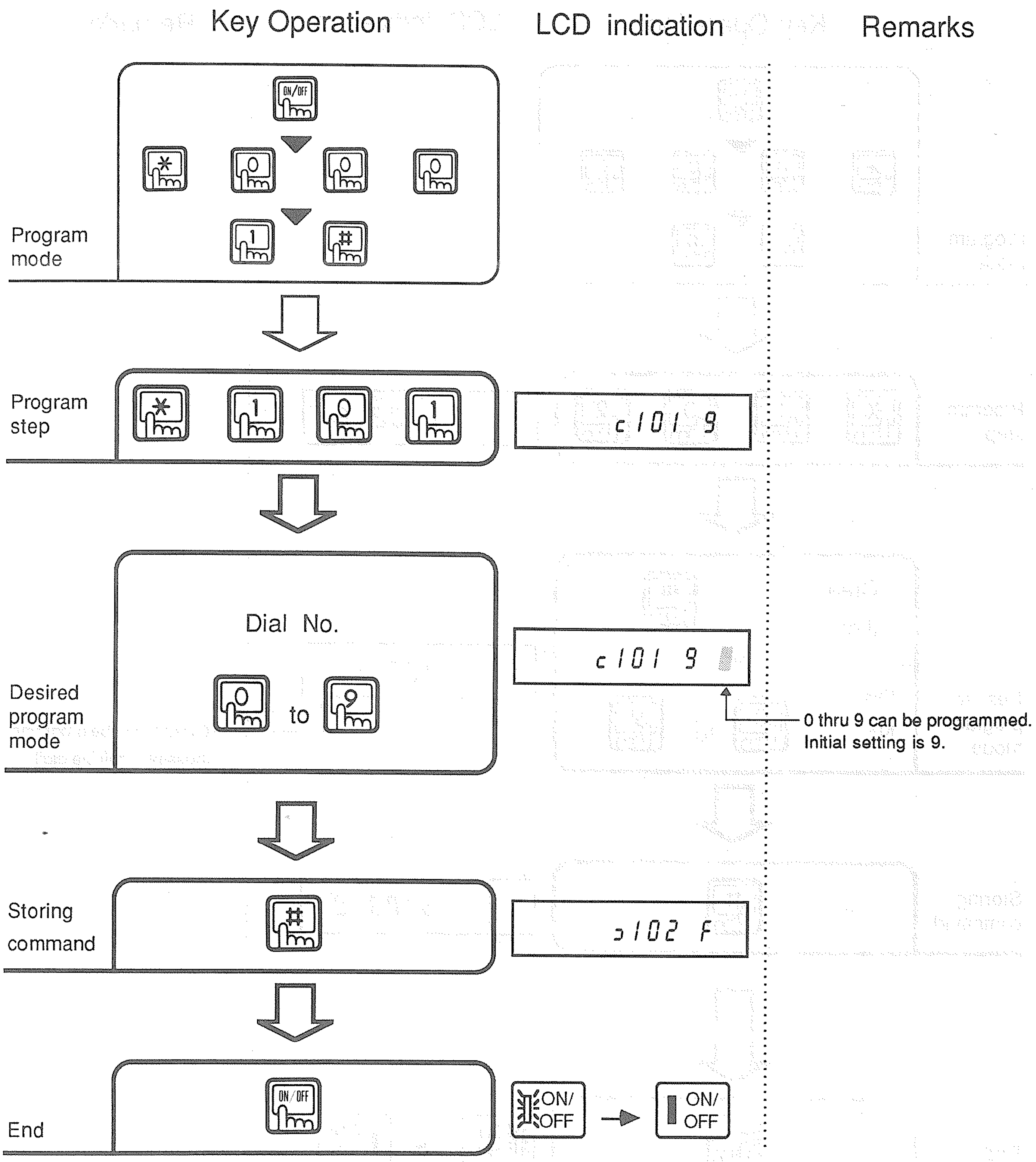
Programming flowchart


Mode setting
Program setting
Start
ON/OFF key
⁎000
(Set up for program mode)
Input of mode No.
# key
(Mode set)
Programming for each mode
YES
Mode change?
NO
Complete
Program set?
Setting
⁎YYYY
Confirmation
YES
NO
ON/OFF key
Data input
# key
Increment of program step No.
END

System setting

PBX outside dialing digit

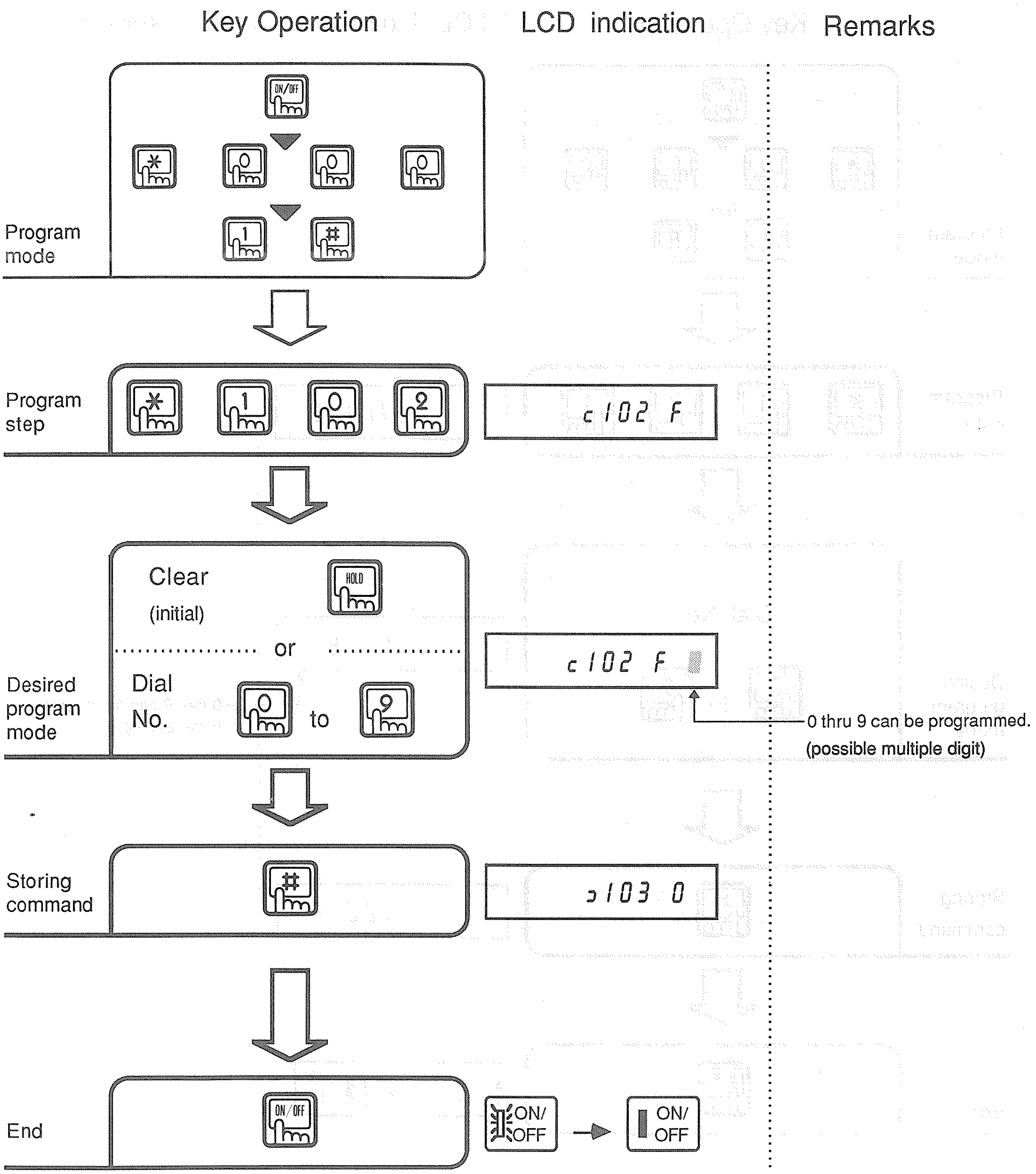
You can have access to an outside line through PBX. This feature is necessary when the system is connected to PBX. Set by specifying one digit from among dialing numbers 0 to 9 (PBX line access number).


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
1
c 101 9
Desired program mode
Dial No.
0
to
9
c 101 9
Storing command
#
ɔ 102 F
End
ON/OFF
ON/OFF
ON/OFF

0 thru 9 can be programmed.
Initial setting is 9.

Automatic pause

You can place a pause automatically after the first digit dialing number when having access to outside numbers through PBX. Set by specifying one digit from among dialing numbers 0 to 9 (PBX line access number).


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
2
c 102 F
Desired program mode
Clear (initial)
HOLD
or
Dial No.
0
to
9
c 102 F
Storing command
#
ɔ 103 0
End
ON/OFF
ON/OFF
ON/OFF

0 thru 9 can be programmed.
(possible multiple digit)

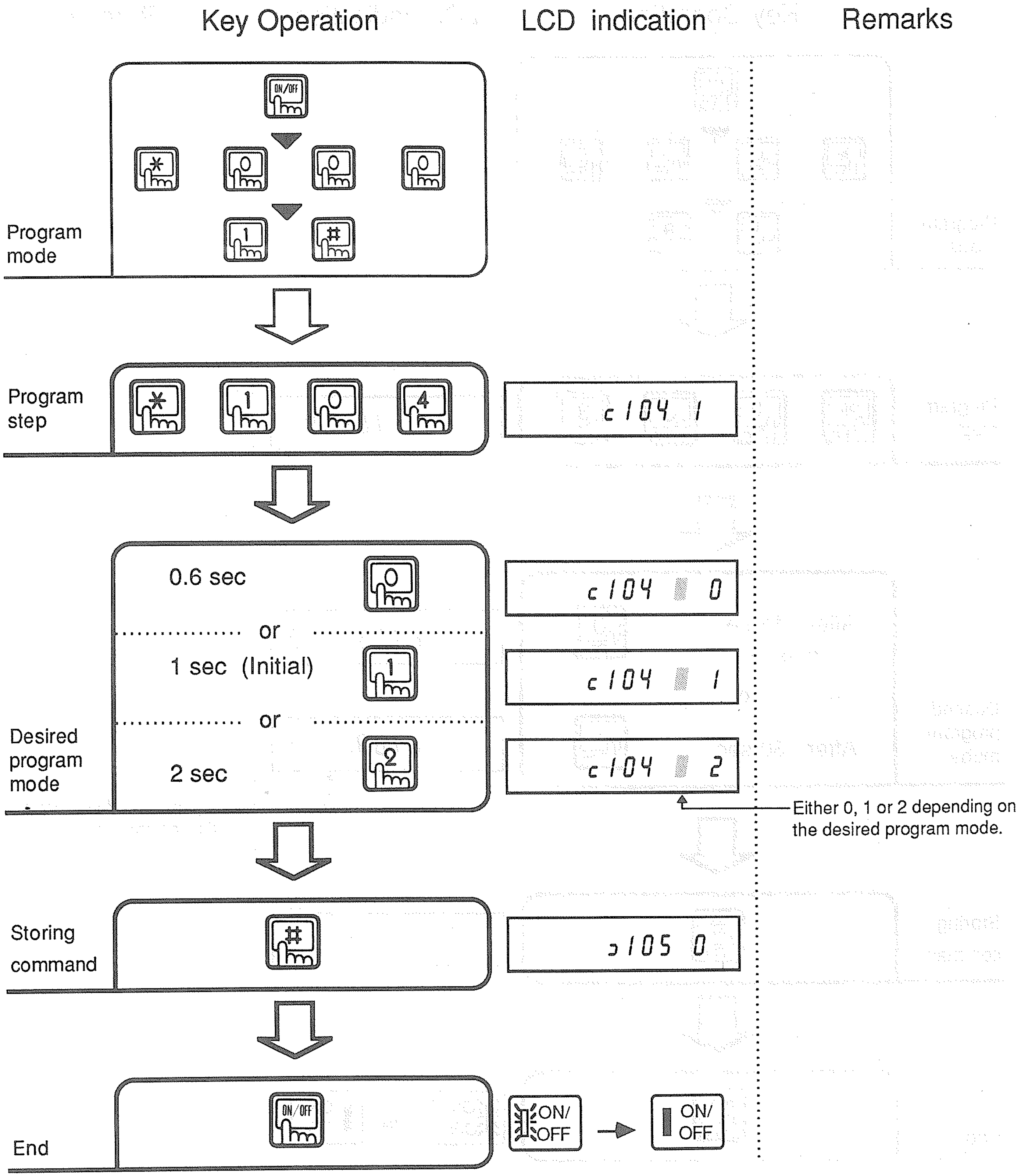
Call duration display appear timing

When making an outside call by a key telephone with an LCD display, you can set how many seconds after completion of dialing you want the conversation time to appear on the display.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 1 #		
Program step	* 1 0 3	c 103 0	
Desired program mode	After 15 sec (Initial): 0 or After 30 sec: 1	c 103 0 c 103 1	Either 0 or 1 depending on the desired program mode.
Storing command	#	ɔ 104 1	
End	ON/OFF	ON/OFF → ON/OFF	

Flash time

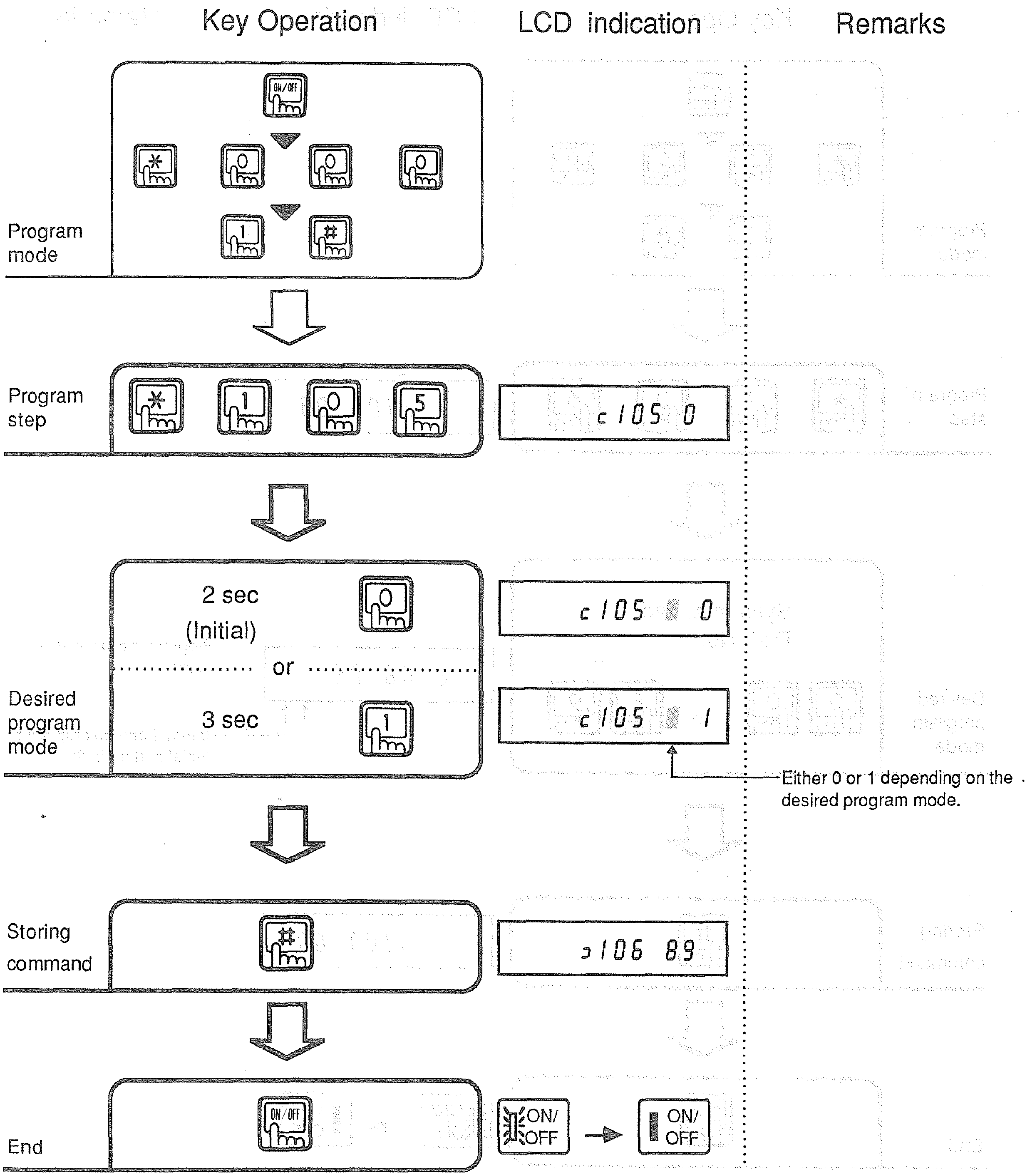
You can set the length of open time for an outside line with FLASH key and that of auto-flash time with REDIAL key function.
When you wish to use the call waiting service, just press FLASH key.
If the system is connected to the PBX line and you do not use the hold function of PBX system, set to 2 seconds.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
4
c104 1
Desired program mode
0.6 sec
0
c104 0
or
1 sec (Initial)
1
c104 1
or
2 sec
2
c104 2
Storing command
#
ɔ105 0
End
ON/OFF
ON/ OFF
ON/ OFF

Either 0, 1 or 2 depending on the desired program mode.

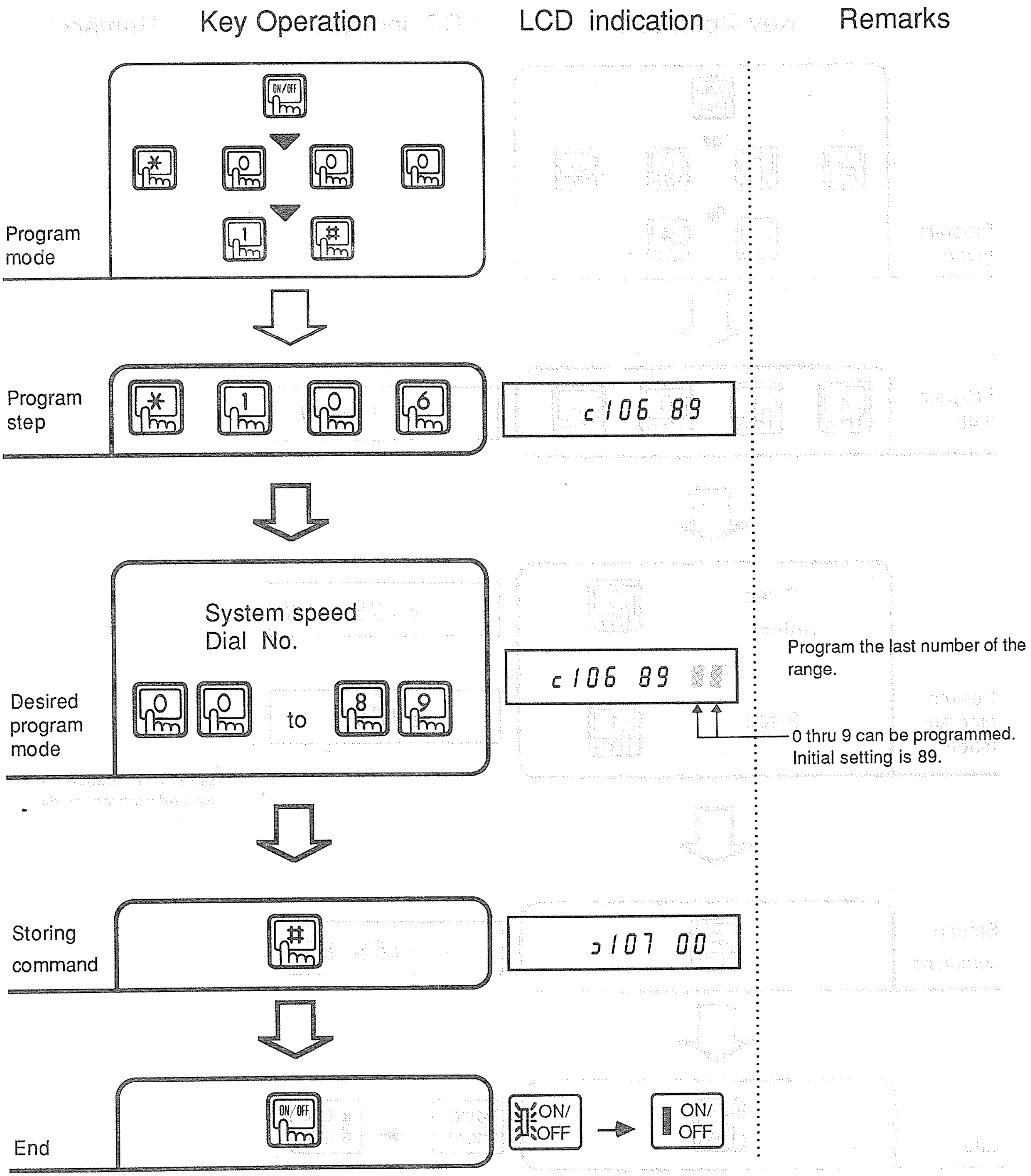
Pause time

By pressing REDIAL key, a pause can be stored in the system speed memory and one-touch key. One pause is counted as one digit. This is used when you need to wait for a second dial tone when dialing an outside line.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
5
c 105 0
Desired program mode
2 sec
(Initial)
0
c 105 0
or
3 sec
1
c 105 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
106 89
End
ON/OFF
ON/ OFF
ON/ OFF

System speed dial group A

You can divide the system speed dial memory into two groups. The range of address numbers for group A is from 00 to XX. XX is the last address number of the range and the designation should be between 00 to 89.

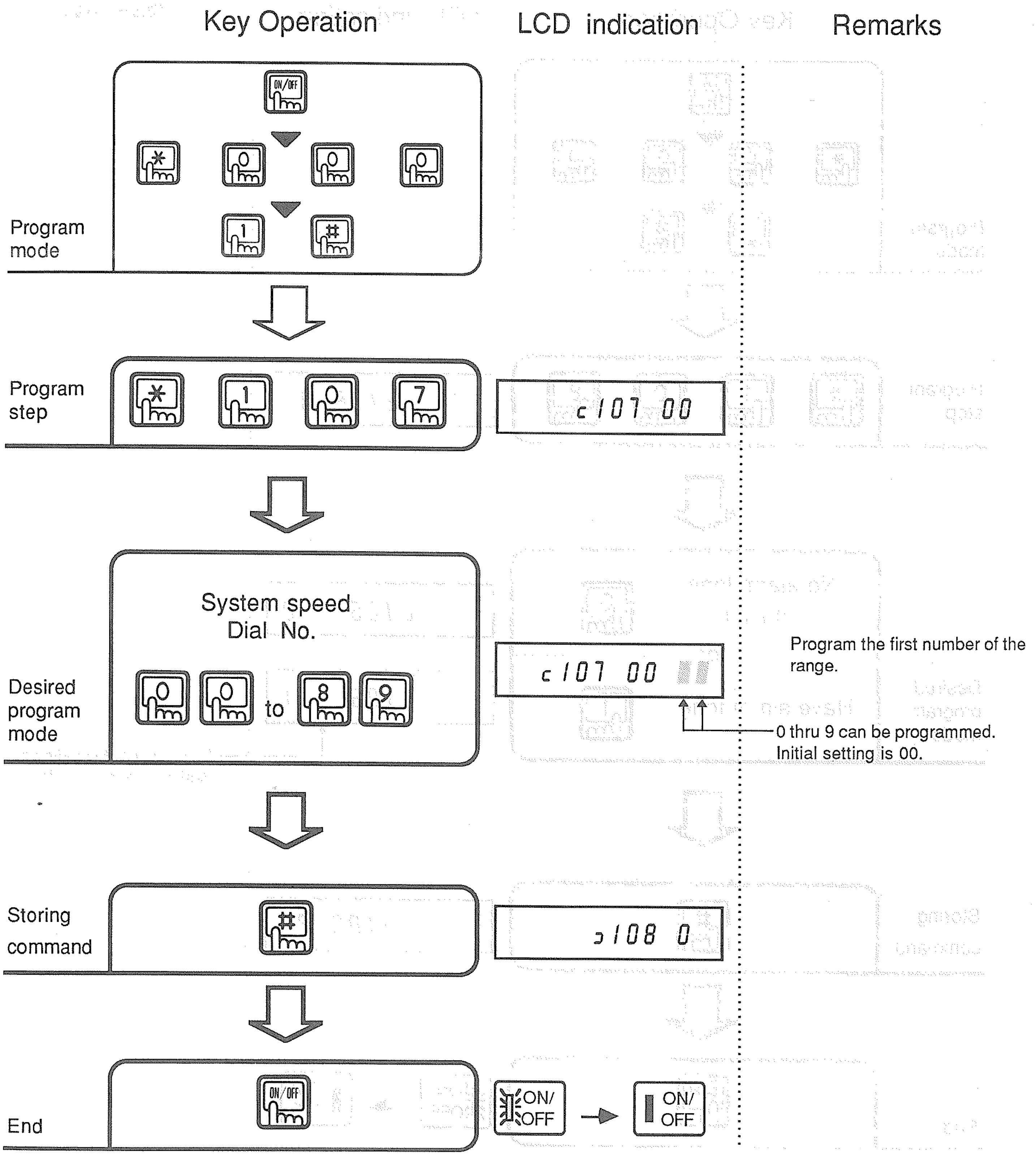

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
6
c106 89
Desired program mode
System speed Dial No.
0
0
to
8
9
c106 89
Storing command
#
ↄ107 00
End
ON/OFF
ON/ OFF
ON/ OFF

Program the last number of the range.

0 thru 9 can be programmed. Initial setting is 89.

System speed dial group B

You can divide the system speed dial memory into two groups. The range of address numbers for group B is from YY to 89. YY is the first address number of the range and the designation should be between 00 and 89.

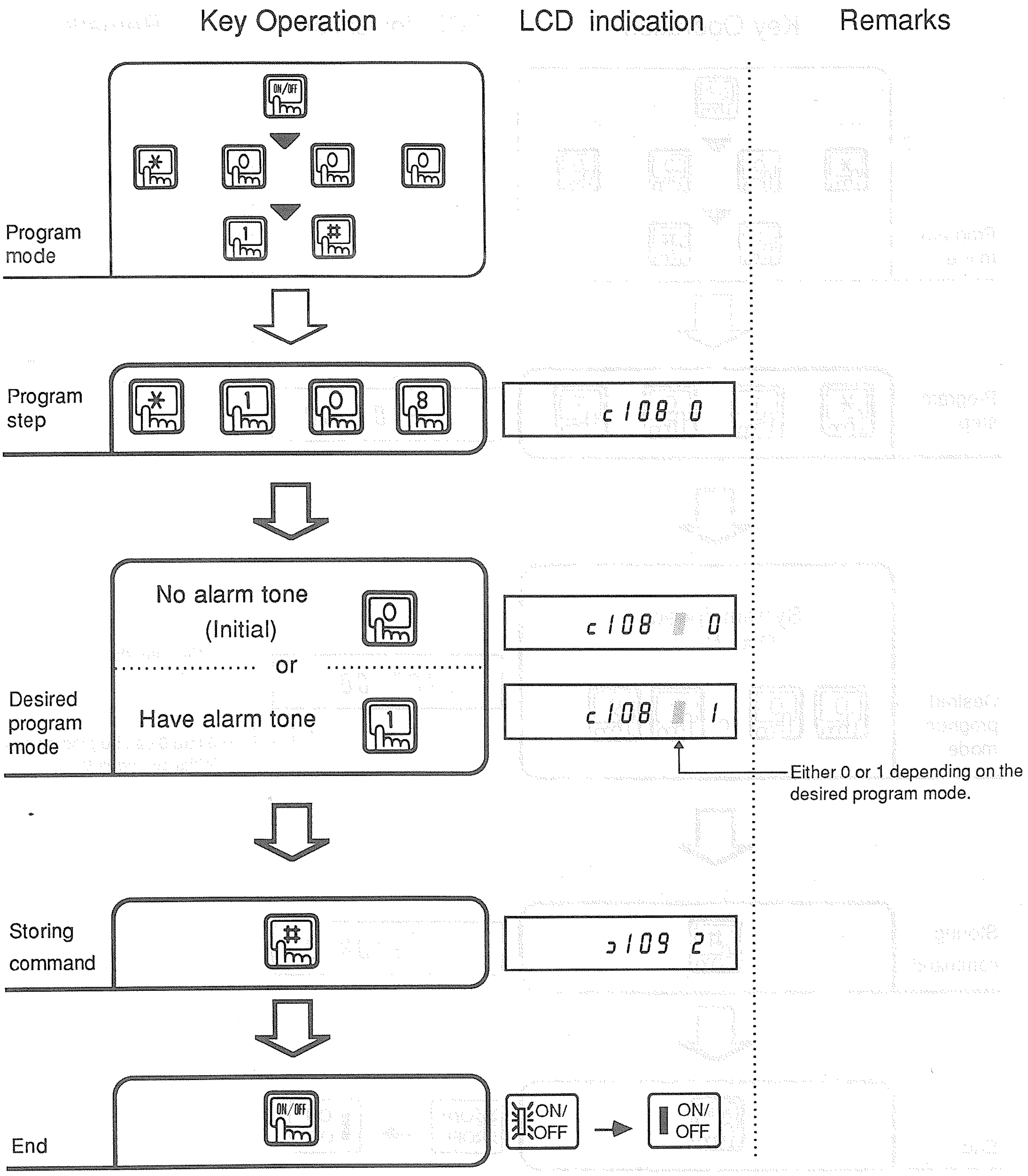

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
7
c 107 00
Desired program mode
System speed Dial No.
0
0
to
8
9
c 107 00
Storing command
#
ɔ 108 0
End
ON/OFF
ON/OFF
ON/OFF

Program the first number of the range.

0 thru 9 can be programmed.
Initial setting is 00.

Long speech alarm

When making an outside call, you can set so that a short alarm tone sounds from the speaker or handset every three minutes.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
0
8
c 108 0
Desired program mode
No alarm tone (Initial)
0
c 108 0
or
Have alarm tone
1
c 108 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ 109 2
End
ON/OFF
ON/OFF
ON/OFF

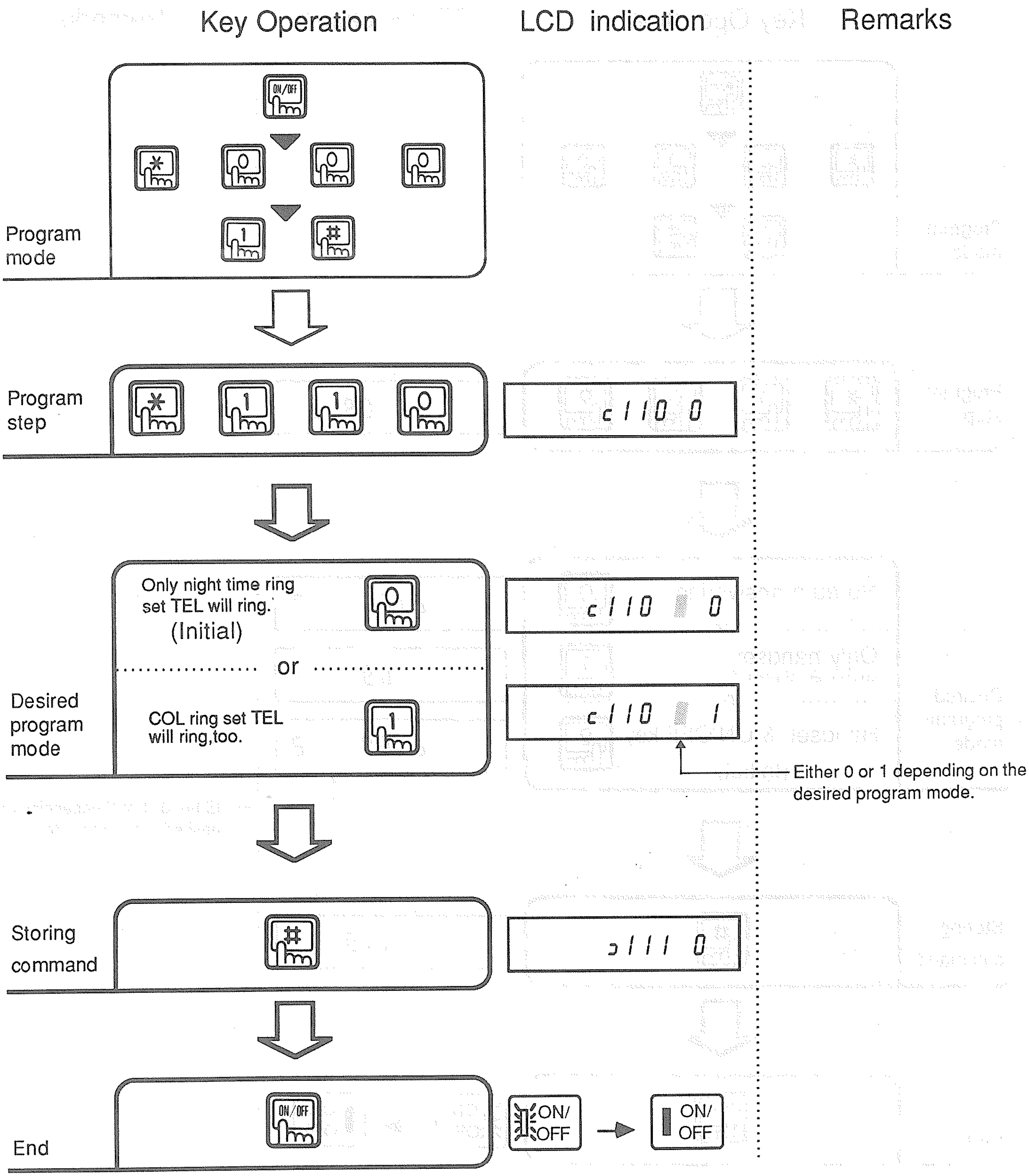
COL auto answering

You can answer incoming calls without pressing Line key. There are two systems for answering: one is to simply lift the handset and the other is either to lift the handset or press ON/OFF key.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 1 #		
Program step	* 1 0 9	c 109 2	
Desired program mode	No auto answering 0 or Only handset auto answering 1 or Handset & ON/OFF key (Initial) 2	c 109 ▒ 0 c 109 ▒ 1 c 109 ▒ 2	Either 0, 1 or 2 depending on the desired program mode.
Storing command	#	ɔ 110 0	
End	ON/OFF	ON/OFF → ON/OFF	

COL night incoming ring mode

You can specify telephones to ring in case of night time incoming calls in systems programmed for this purpose . This is necessary when the places for receiving incoming calls are different at daytime and night time.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
1
0
c 1 1 0 0
Desired program mode
Only night time ring set TEL will ring.
(Initial)
0
c 1 1 0 0
or
COL ring set TEL will ring,too.
1
c 1 1 0 1
Storing command
#
ɔ 1 1 1 0
End
ON/OFF
ON/ OFF
ON/ OFF

Either 0 or 1 depending on the desired program mode.

Hold recall

You can set a telephone so that a warning tone sounds once a certain period has elapsed after a call has been put on hold. Hold recall can be disabled, or set for immediately, 30 seconds, 1 minute or 2 minutes.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 1 #		
Program step	* 1 1 1	c 1 1 1 0	
Desired program mode	No recall (Initial) 0 or In the immediate 1 or After 30 sec 2 or After 1 min 3 or After 2 min 4	c 1 1 1 ▒ 0 c 1 1 1 ▒ 1 c 1 1 1 ▒ 2 c 1 1 1 ▒ 3 c 1 1 1 ▒ 4	Either 0, 1, 2, 3 or 4 depending on the desired program mode.
Storing command	#	ɔ 1 1 2 1	
End	ON/OFF	ON/OFF → ON/OFF	

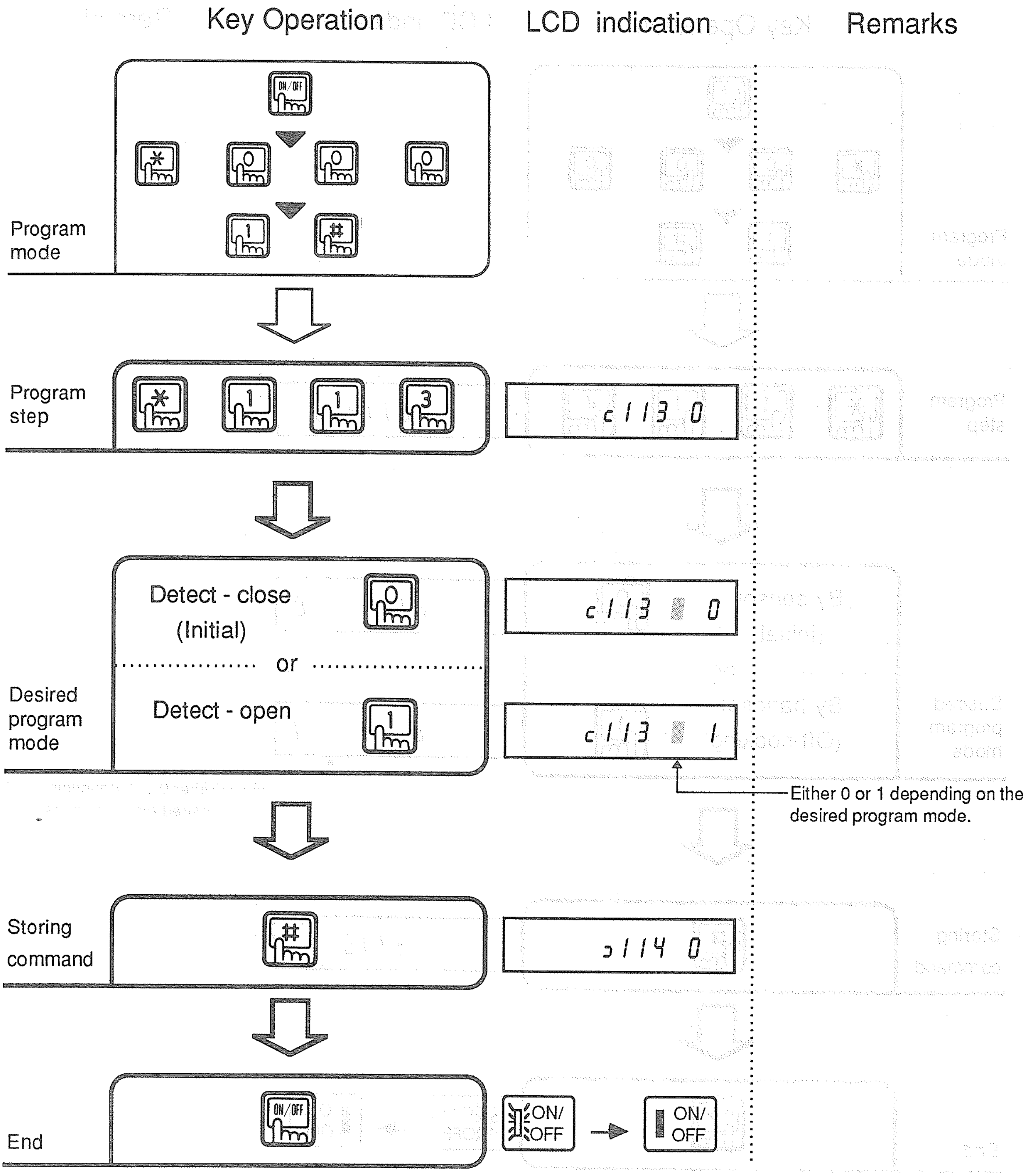
Connection of door box

Up to two door boxes can be used with this system by connecting the door box card to KSU. You can set it so that the signal from the door box is heard or not heard through a telephone which has been programmed in advance.
You do not have to change the programming if door box is not connected.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 1 #		
Program step	* 1 1 2	c 112 1	
Desired program mode	Can not connect 0 or Can be connect (Initial) 1	c 112 ▨ 0 c 112 ▨ 1	Either 0 or 1 depending on the desired program mode.
Storing command	#	ɔ 113 0	
End	ON/OFF	ON/OFF → ON/OFF	

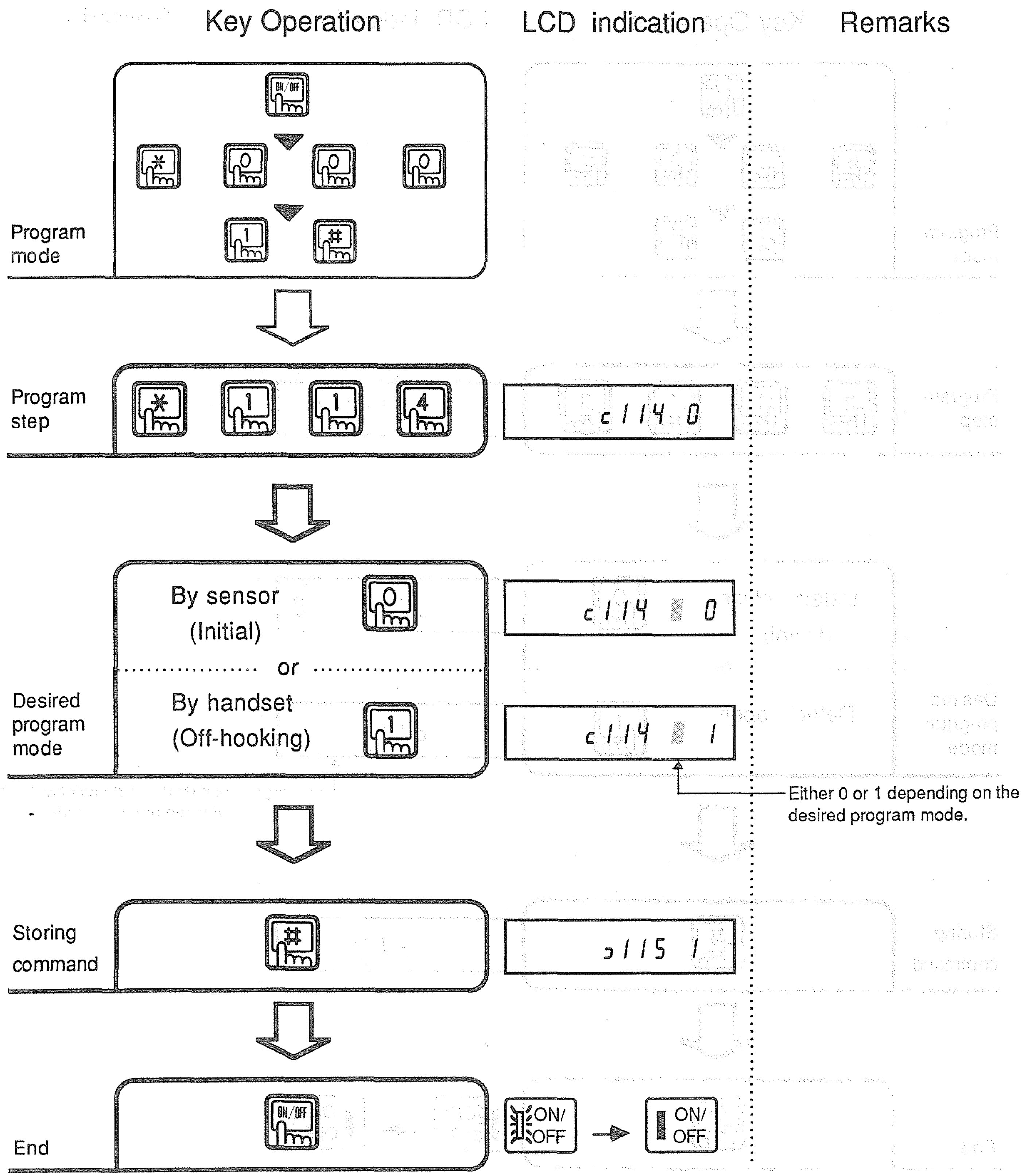
Type of applicable sensor

Two types of sensor can be used by connecting the door box card to KSU. An alarm will sound from a telephone which has been programmed in advance. The operating method for these sensors is specified either as close detection or open detection.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
1
3
c 113 0
Desired program mode
Detect - close (Initial)
0
c 113 ▒ 0
or
Detect - open
1
c 113 ▒ 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ 114 0
End
ON/OFF
ON/OFF
ON/OFF

Sensor alarm stopping method

You can specify the method for stopping the sensor alarm. This specification can be that either no alarm sound is given from the sensor or that the alarm sound is stopped by lifting the handset of alarmed telephone.

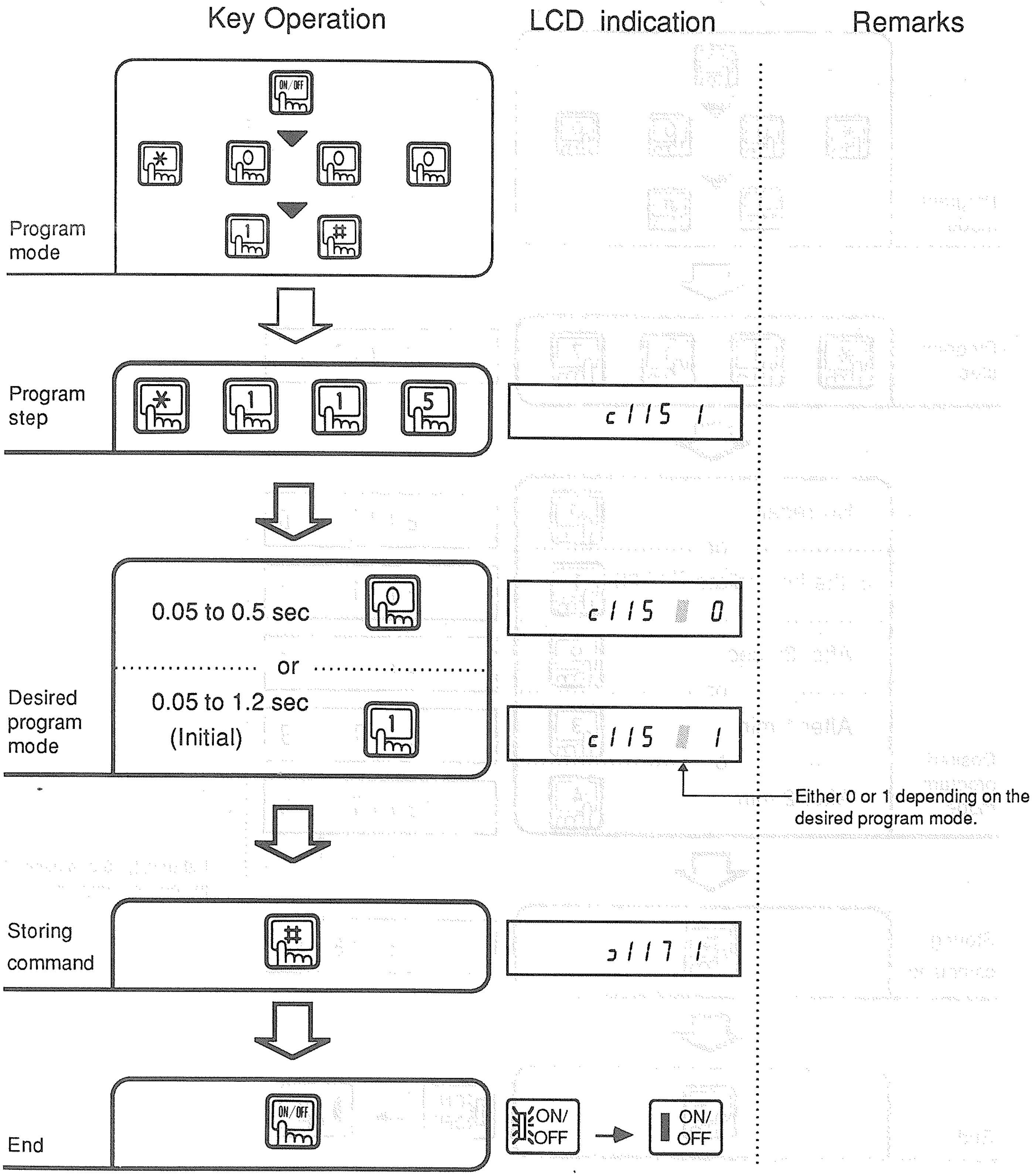


Either 0 or 1 depending on the desired program mode.

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
1
4
c 114 0
Desired program mode
By sensor (Initial)
0
or
By handset (Off-hooking)
1
c 114 0
c 114 1
Storing command
#
5115 1
End
ON/OFF
ON/OFF
ON/OFF

Detection of SLT on-hooking

When you want to hold an outside line with SLT, press hook switch breifly.
If the hooking time is longer than the time which programed,the phone line will be disconnected. If you do not use frequently hold function, this hooking time should be set to less than 0.5 second.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
1
#
Program step
*
1
1
5
c115 1
Desired program mode
0.05 to 0.5 sec
0
c115 0
or
0.05 to 1.2 sec
(Initial)
1
c115 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ117 1
End
ON/OFF
ON/OFF
ON/OFF

Hold recall for DSS TEL

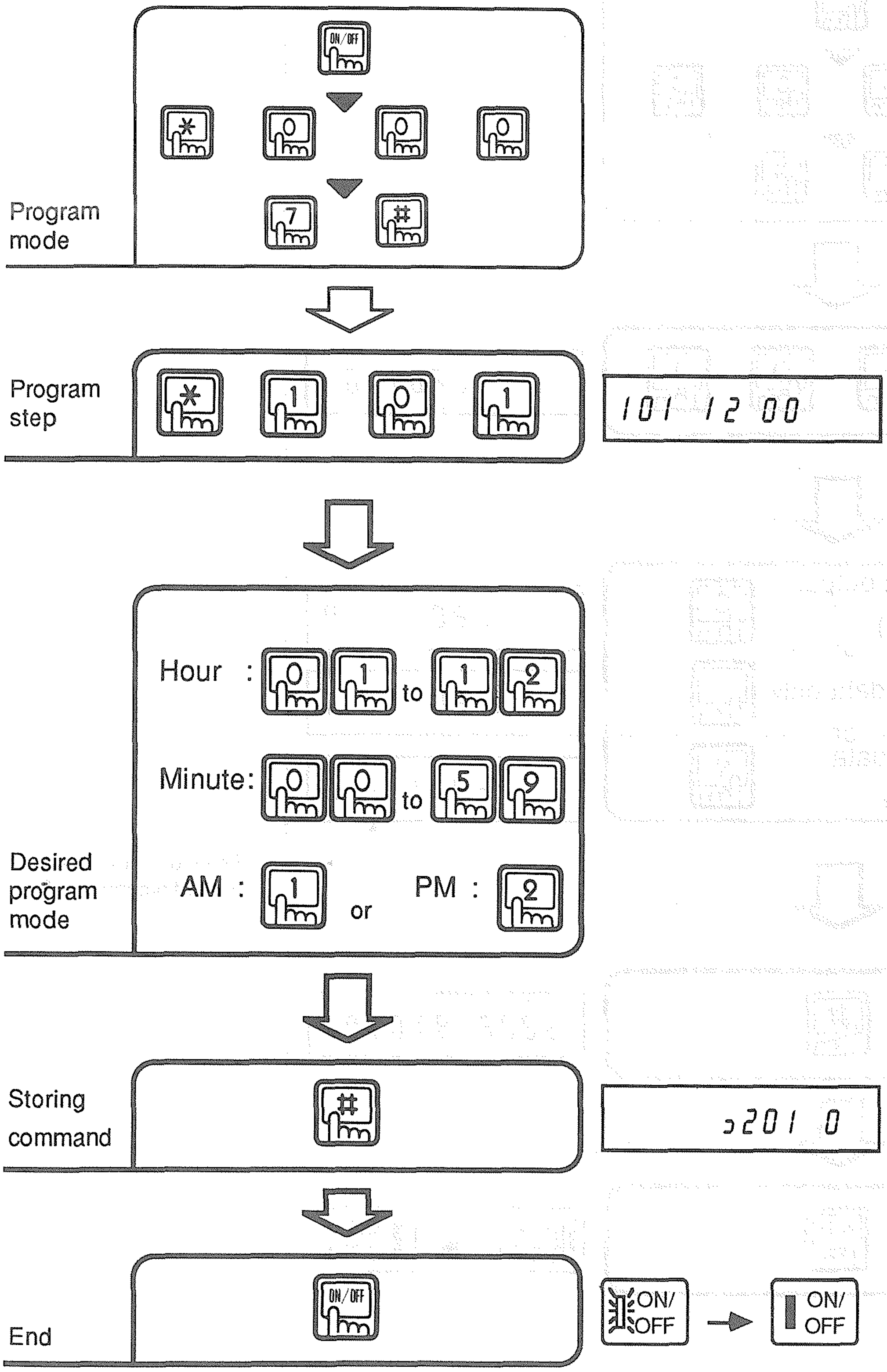
You can set a telephone so that a warning tone sounds once a certain period has elapsed after a call has been put on hold. Hold recall can be disabled, or set for immediately, 30 seconds, 1 minute or 2 minutes.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 1 #		
Program step	* 1 1 7	c117 1	
Desired program mode	No recall 0	c117 ▒ 0	
	or In the immediate (Initial) 1	c117 ▒ 1	
	or After 30 sec 2	c117 ▒ 2	
	or After 1 min 3	c117 ▒ 3	
	or After 2 min 4	c117 ▒ 4	Either 0,1,2,3 or 4 depending on the desired program mode
Storing command	#	ɔ118 1	
End	ON/OFF	ON/OFF → ON/OFF	

Display time system setting

This feature is for setting the correct time for a key telephone with an LCD display.

Key Operation LCD indication Remarks


Program mode
ON/OFF
*
0
0
0
7
#
Program step
*
1
0
1
101 12 00
Desired program mode
Hour : 0 1 to 1 2
Minute: 0 0 to 5 9
AM : 1 or PM : 2
Storing command
#
ɔ201 0
End
ON/OFF
ON/OFF → ON/OFF

AM : 12:00 is for night.
PM : 12:00 is for daytime.

SMDR output

This feature is to program to output data onto the SMDR printer.
This is necessary when you want to notify the call record.
You can set for not outputting SMDR data, outputting the data with the title or outputting the data only.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 7 #		
Program step	* 2 0 1	c201 0	
Desired program mode	No data output (Initial) 0 or Outputting data only 1 or Outputting data with title 2	c201 ▨ 0 c201 ▨ 1 c201 ▨ 2	Either 0, 1 or 2 depending on the desired program mode
Storing command	#	ɔ202 870101	
End	ON/OFF	ON/OFF → ON/OFF	

SMDR YEAR, MONTH and DAY setting

This feature is to program to set Year / Month / Day as SMDR print data.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 7 #		
Program step	* 2 0 2	c202 870101	
Desired program mode	Year : 8 7 to 8 6 Month: 0 1 to 1 2 Day : 0 1 to 3 1		Program Year 1987 → 87 ≀ ≀ 2086 86 Month January → 01 Day 1 → 01
Storing command	#	c203 4	
End	ON/OFF	ON/OFF → ON/OFF	

SMDR baud rate setting

This feature is to program the baud rate of output data to the SMDR printer.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 7 #		
Program step	* 2 0 3	c203 4	
Desired program mode	300 BPS or 0 600 BPS or 1 1200 BPS or 2 2400 BPS or 3 4800 BPS (Initial) or 4 9600 BPS 5	c203 ▮ 0 c203 ▮ 1 c203 ▮ 2 c203 ▮ 3 c203 ▮ 4 c203 ▮ 5	Either 0,1,2,3,4 or 5 depending on the desired program mode
Storing command	#	ɔ204 2	
End	ON/OFF	ON/OFF → ON/OFF	

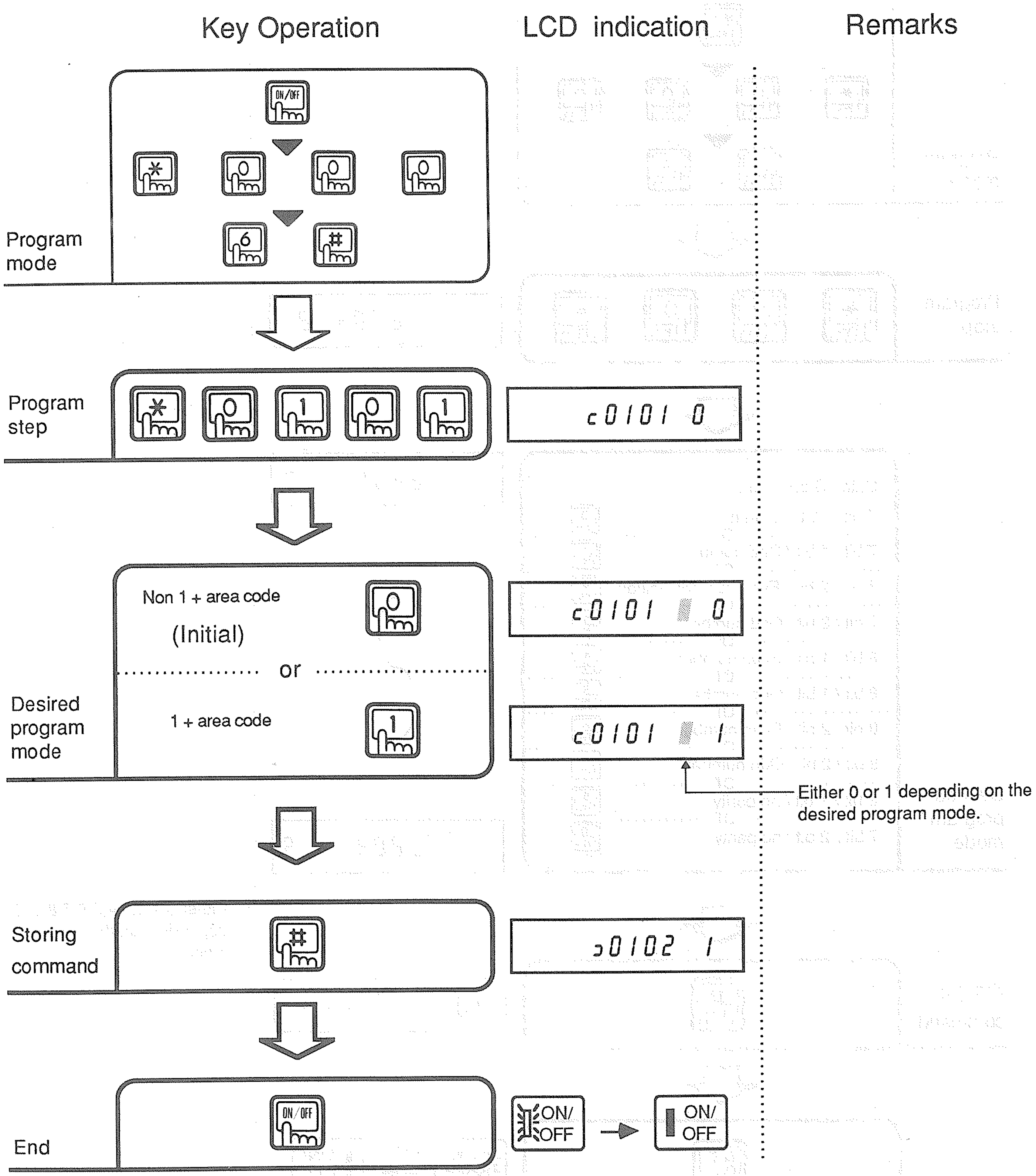
SMDR frame configuration

This feature is to program the frame configuration of output data to the SMDR(Data length/ Stop bit length/ Parity check bit number).

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 7 #		
Program step	* 2 0 4	c204 2	
Desired program mode	Data / Stop / Parity 7 bit /1 bit / Even number 0 or 7 bit / 1 bit / Odd number 1 or 7 bit / 2 bit / Even number (Initial) 2 or 7 bit / 2 bit / Odd number 3 or 8 bit / 1 bit / Even number 4 or 8 bit / 1 bit / Odd number 5 or 8 bit / 2 bit / Even number 6 or 8 bit / 2 bit / Odd number 7 or 8 bit / 1 bit / no parity 8 or 7 bit / 2 bit / no parity 9	c204 ▮ 0 c204 ▮ 9	Either 0,1,2,3,4,5,6,7,8 or 9 depending on the desired program mode
Storing command	#	101 -- -- -	
End	ON/OFF	ON/OFF → ON/OFF	

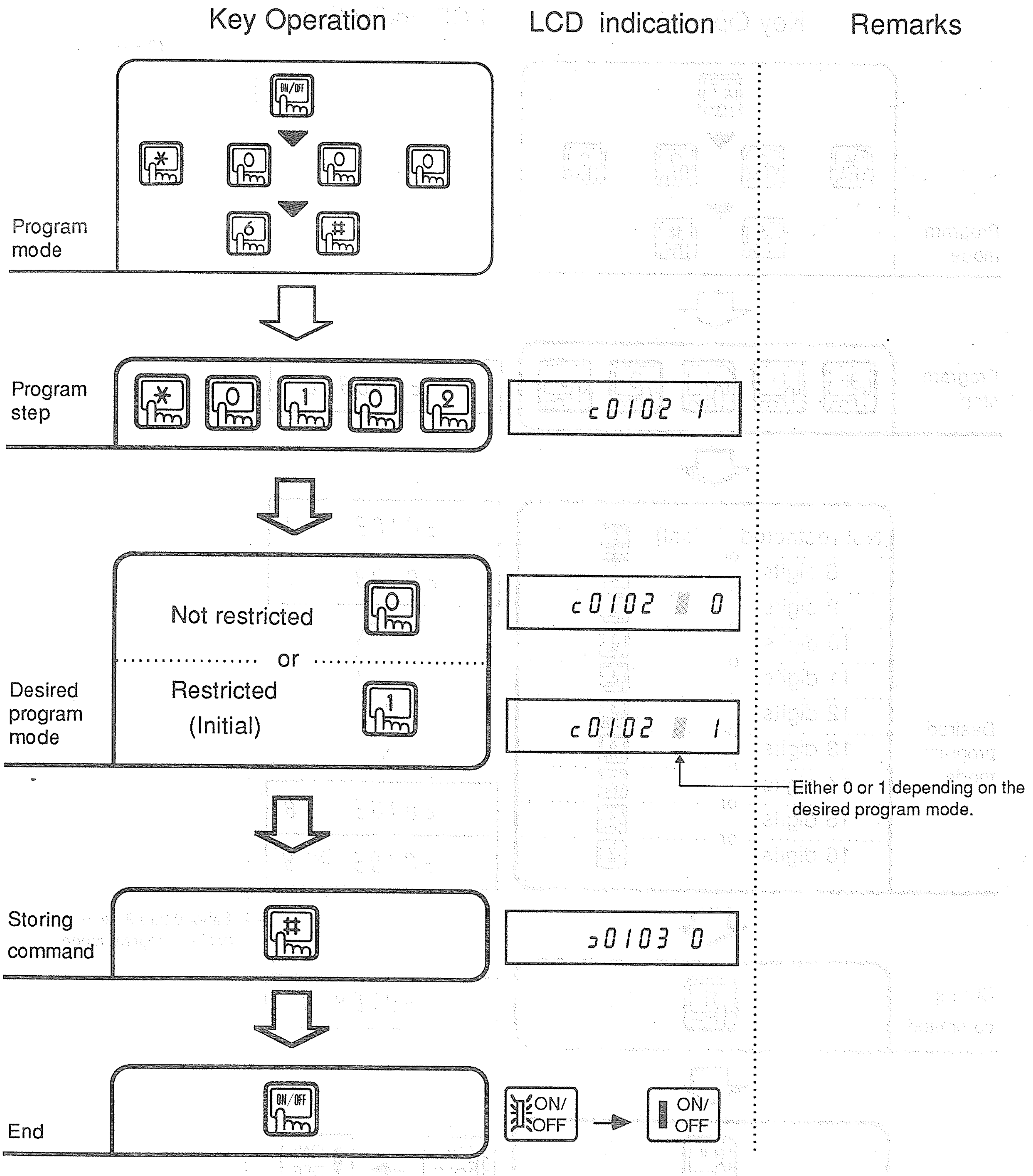
Type of COL dialing

This program is required when the extension is set to outside dialing restriction classes 2 or 3. When you are making an outside call, it specifies whether or not the area requires "1" before dialing the number.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
6
#
Program step
*
0
1
0
1
c 0101 0
Desired program mode
Non 1 + area code
(Initial)
0
c 0101 0
or
1 + area code
1
c 0101 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ0102 1
End
ON/OFF
ON/OFF
ON/OFF

* and # restriction

In case of outside dialing restriction classes 2 and 3, calls can be restricted by inputting the * or # key while dialing an outside line. The setting specifies whether there is to be a restriction or not.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
6
#
Program step
*
0
1
0
2
c0102 1
Desired program mode
Not restricted
0
c0102 0
or
Restricted (Initial)
1
c0102 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ0103 0
End
ON/OFF
ON/ OFF
ON/ OFF

Digit length restriction

In case of outside dialing restriction classes 2 and 3, you can restrict outside calls by the number of digits.
The setting specifies the number of digits to be restricted.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 6 #		
Program step	* 0 1 0 3	c 0103 0	
Desired program mode	Not restricted (Initial) 0 or 8 digits 1 or 9 digits 2 or 10 digits 3 or 11 digits 4 or 12 digits 5 or 13 digits 6 or 14 digits 7 or 15 digits 8 or 16 digits 9	c 0103 ▒ 0 c 0103 ▒ 1) (c 0103 ▒ 8 c 0103 ▒ 9	Either 0 thru 9 depending on the desired program mode.
Storing command	#	ɔ 0104 1	
End	ON/OFF	ON/OFF → ON/OFF	

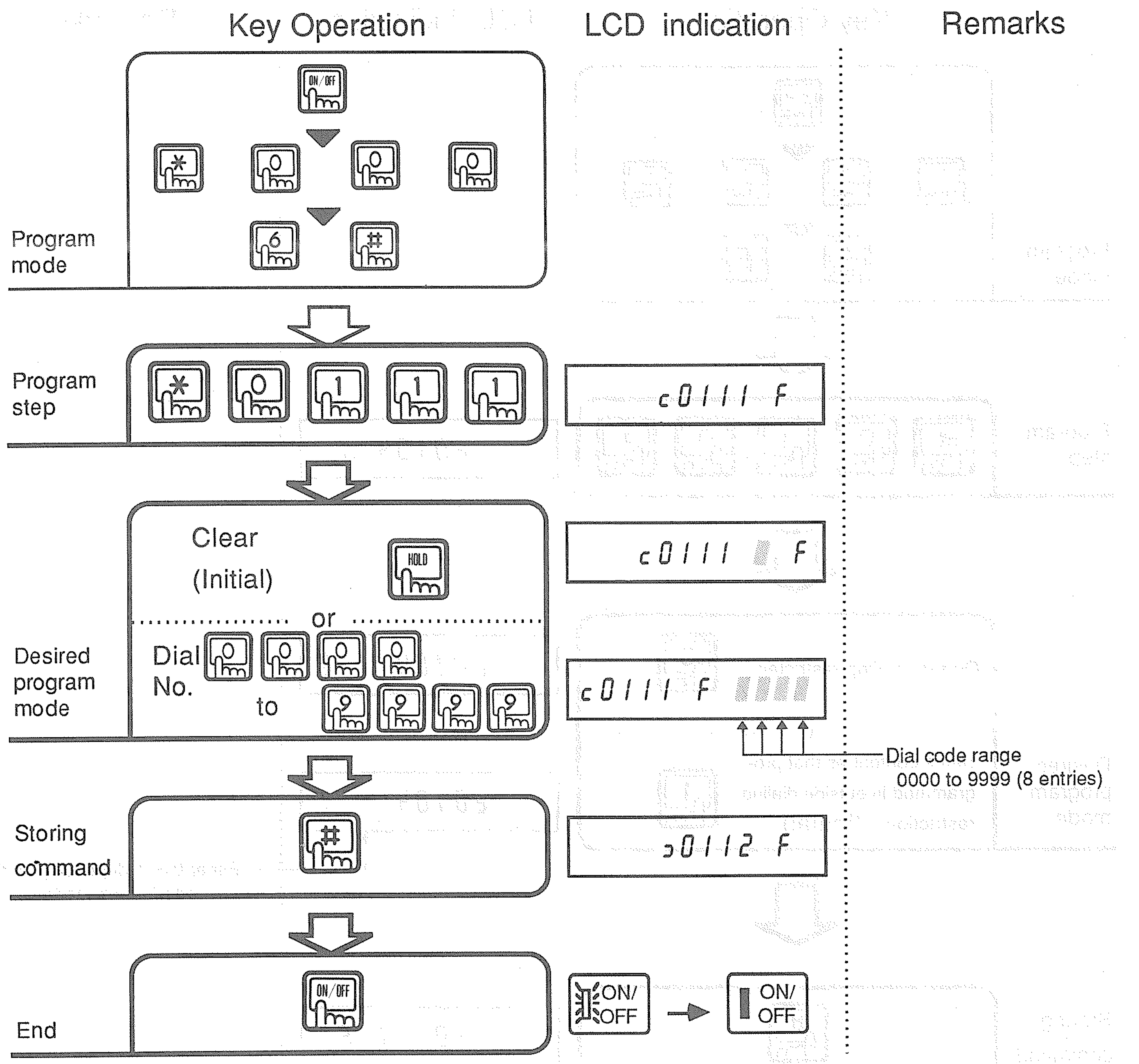
Incoming call restriction

As with the outside dialing restriction class, you can also restrict outside calls being made on outside lines on which incoming calls are received. The setting specifies whether it is in accordance with the outside dialing restriction class or whether outside dialing restricted.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 6 #		
Program step	* 0 1 0 4	c0104 1	
Desired program mode	Outside dialing restricted: 0	c0104 ▨ 0	
	or		
	Same content as that programmed in outside dialing restriction (Initial): 1	c0104 ▨ 1	Either 0 or 1 depending on the desired program mode.
Storing command	#	ɔ0111 F	
End	ON/OFF	ON/OFF → ON/OFF	

Override setting

Extensions which have outside dialing restriction class 2 or 3 restriction may dial some area codes (MAX.8) which can be allowed for long distance calls.
Example: programmed 1 2 0 1 to allow area code 201.


Key Operation
LCD indication
Remarks
ON/OFF
✻ 0 0 0
6 #
Program mode
Program step
✻ 0 1 1 1
c0111 F
Desired program mode
Clear (Initial)
HOLD
c0111 F
or
Dial No. 0 0 0 0
to 9 9 9 9
c0111 F
Dial code range
0000 to 9999 (8 entries)
Storing command
#
ɔ0112 F
End
ON/OFF
ON/OFF → ON/OFF

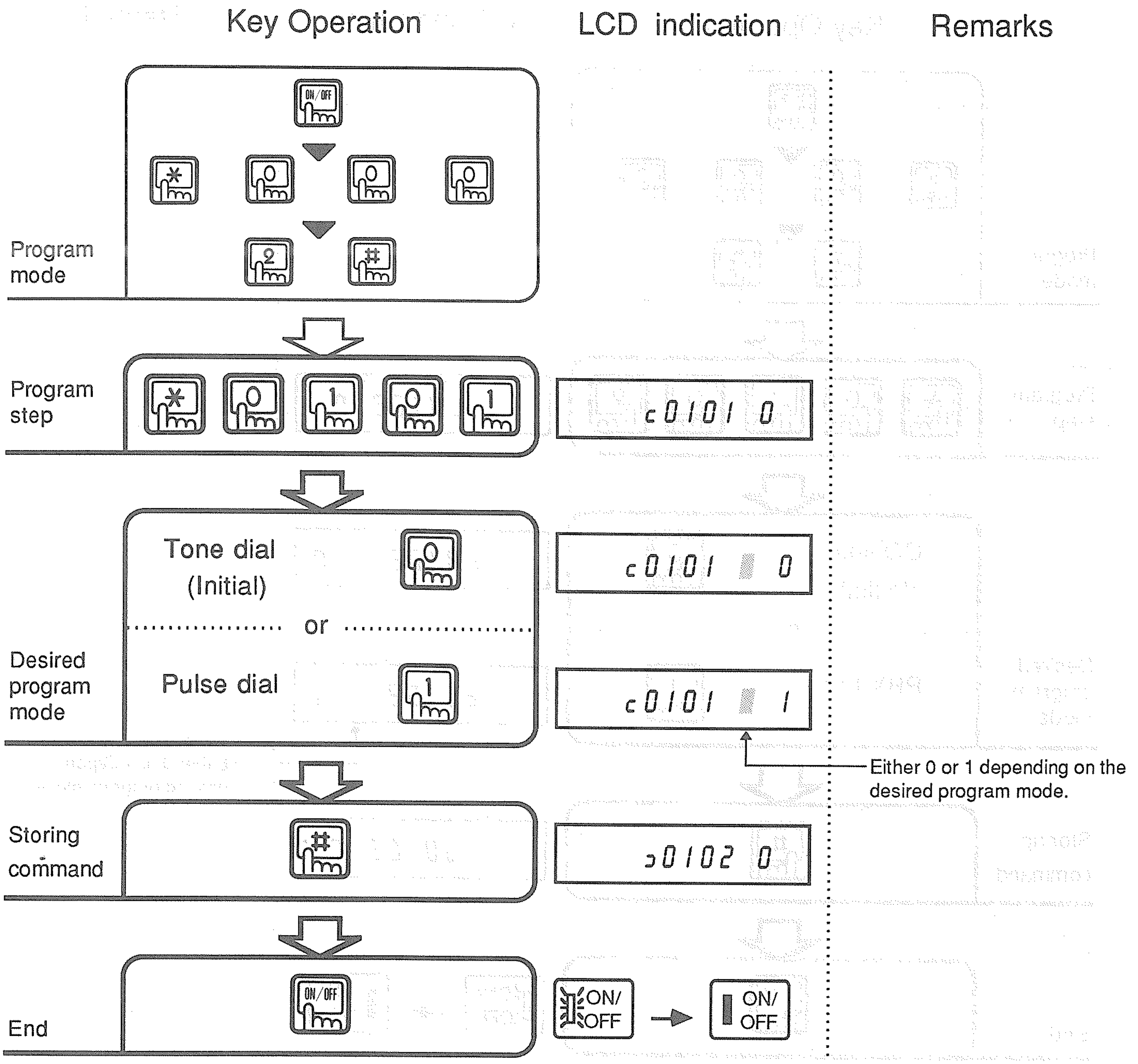
These program steps are made for each programmed dial.

Programmed dial No.	Program step	LCD indication
1	✻ 0 1 1 1	c0111 F
2	✻ 0 1 1 2	c0112 F
3	✻ 0 1 1 3	c0113 F
4	✻ 0 1 1 4	c0114 F
5	✻ 0 1 1 5	c0115 F
6	✻ 0 1 1 6	c0116 F
7	✻ 0 1 1 7	c0117 F
8	✻ 0 1 1 8	c0118 F

COL setting

Tone / Pulse dialing signal conversion

For outside calls, you can send out either by tone or pulse signal. This has to be matched with the dialing method for outside calls connected to the system.

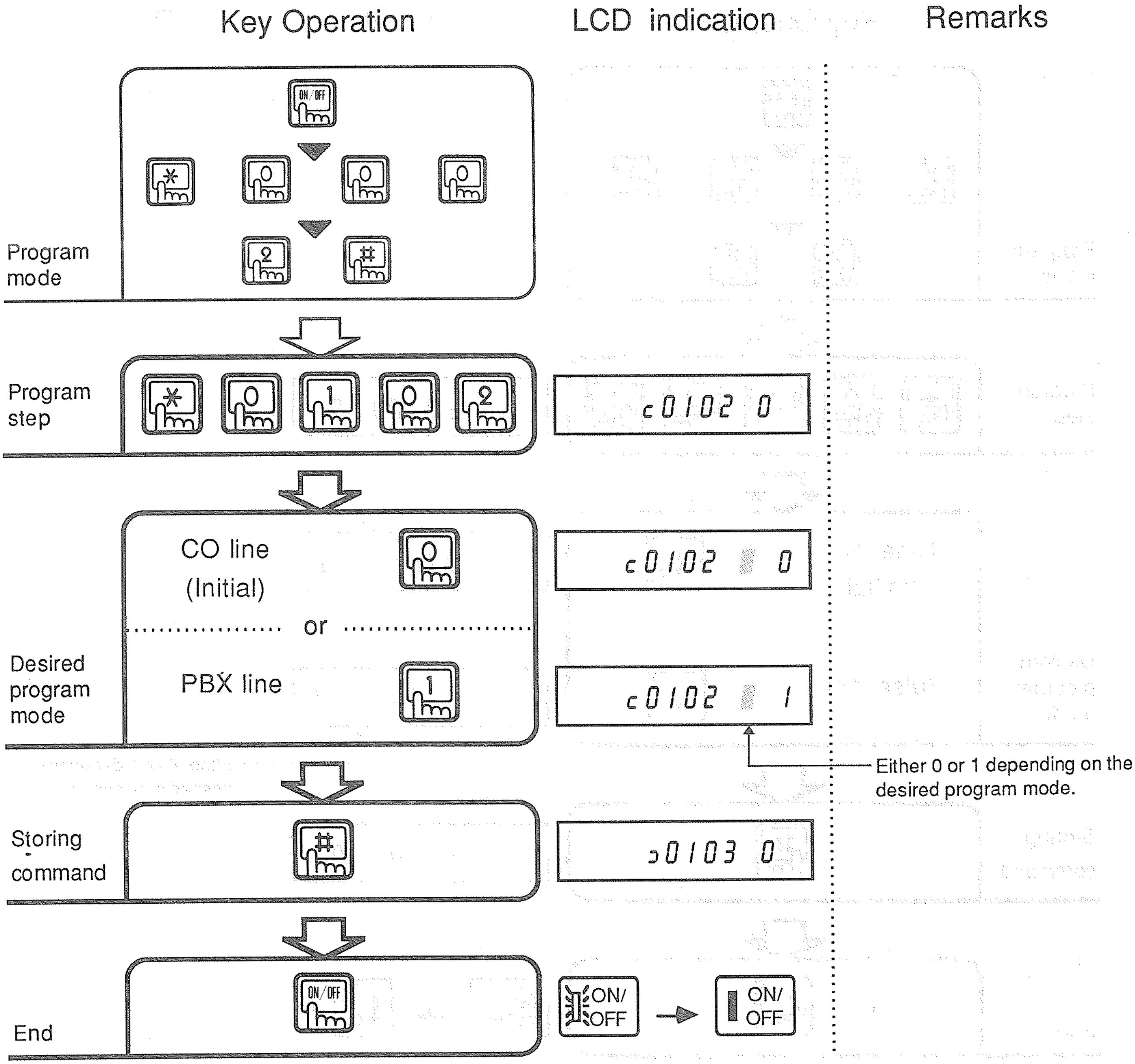

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
✻
0
0
0
2
#
Program step
✻
0
1
0
1
c 0101 0
Desired program mode
Tone dial (Initial)
0
c 0101 ▮ 0
or
Pulse dial
1
c 0101 ▮ 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ 0102 0
End
ON/OFF
ON/ OFF
ON/ OFF

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication
1	✻ 0 1 0 1	c 0101 0
2	✻ 0 2 0 1	c 0201 0
3	✻ 0 3 0 1	c 0301 0
4	✻ 0 4 0 1	c 0401 0
5	✻ 0 5 0 1	c 0501 0
6	✻ 0 6 0 1	c 0601 0
≀	≀	≀
12	✻ 1 2 0 1	c 1201 0

CO line or PBX line

If the system is connected behind a PBX, this programming is required.
This programming is for auto pause and toll restriction setting.


Key Operation
LCD indication
Remarks
ON/OFF
*
0
0
0
2
#
Program mode
Program step
*
0
1
0
2
c0102 0
Desired program mode
CO line (Initial)
0
c0102 ▒ 0
or
PBX line
1
c0102 ▒ 1
Storing command
#
ɔ0103 0
End
ON/OFF
ON/OFF
ON/OFF

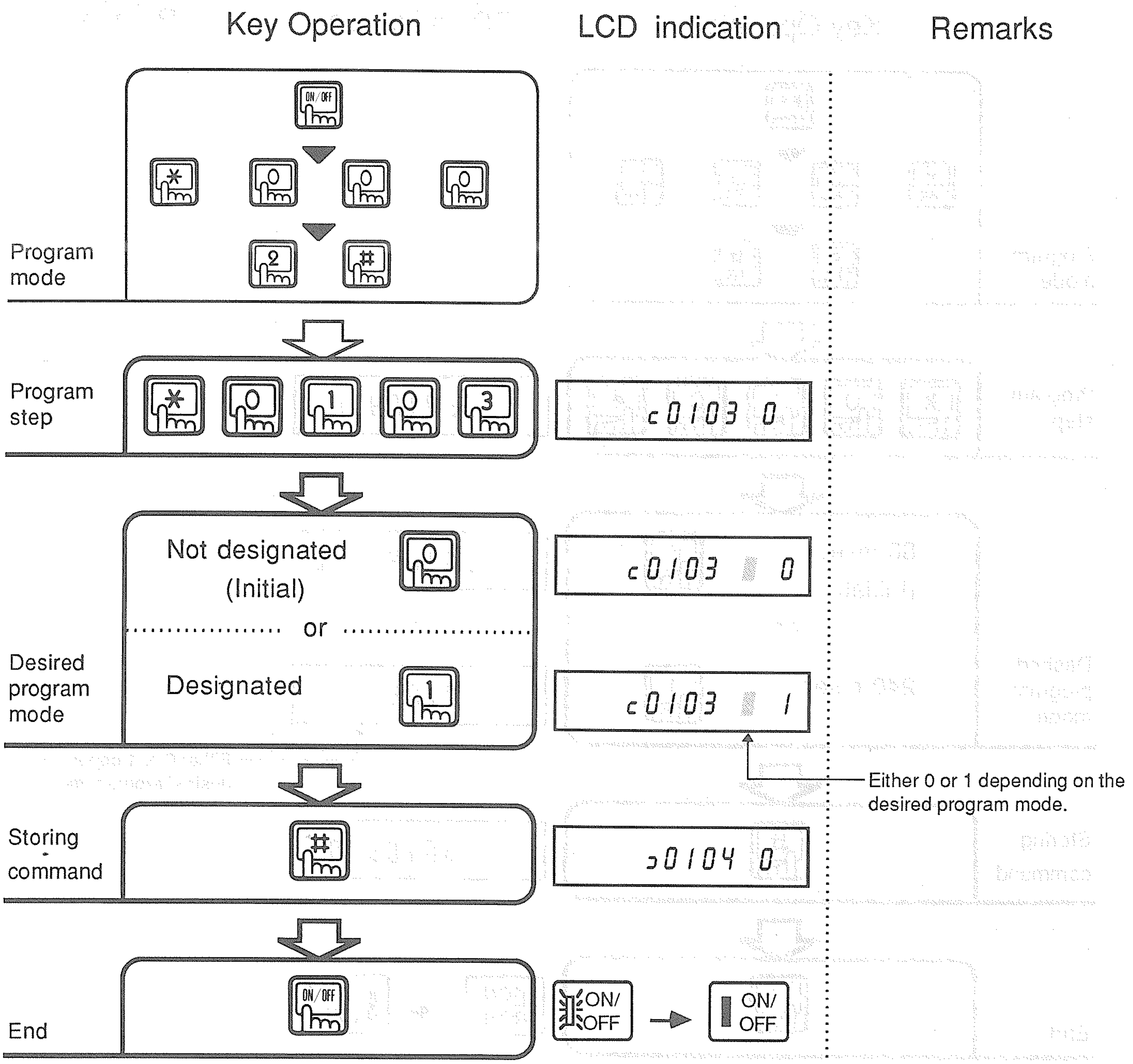
Either 0 or 1 depending on the desired program mode.

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication
1	✳ 0 1 0 2	c0102 0
2	✳ 0 2 0 2	c0202 0
3	✳ 0 3 0 2	c0302 0
4	✳ 0 4 0 2	c0402 0
5	✳ 0 5 0 2	c0502 0
6	✳ 0 6 0 2	c0602 0
≀	≀	≀
12	✳ 1 2 0 2	c1202 0

Automatic outside line selection group

You can have an outside line which is connected automatically from SLT.
This outside line being not used can be selected automatically by pressing dial key 9.
This will be set whether the outside line is automatically selected or not.
This feature can be also used by the key telephone.
NOTE: When you use this feature, set program and cut the jumper line at the inside of KSU(See page 18).


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
2
#
Program step
*
0
1
0
3
c0103 0
Desired program mode
Not designated (Initial)
0
c0103 0
or
Designated
1
c0103 1
Storing command
#
ɔ0104 0
End
ON/OFF
ON/OFF
ON/OFF

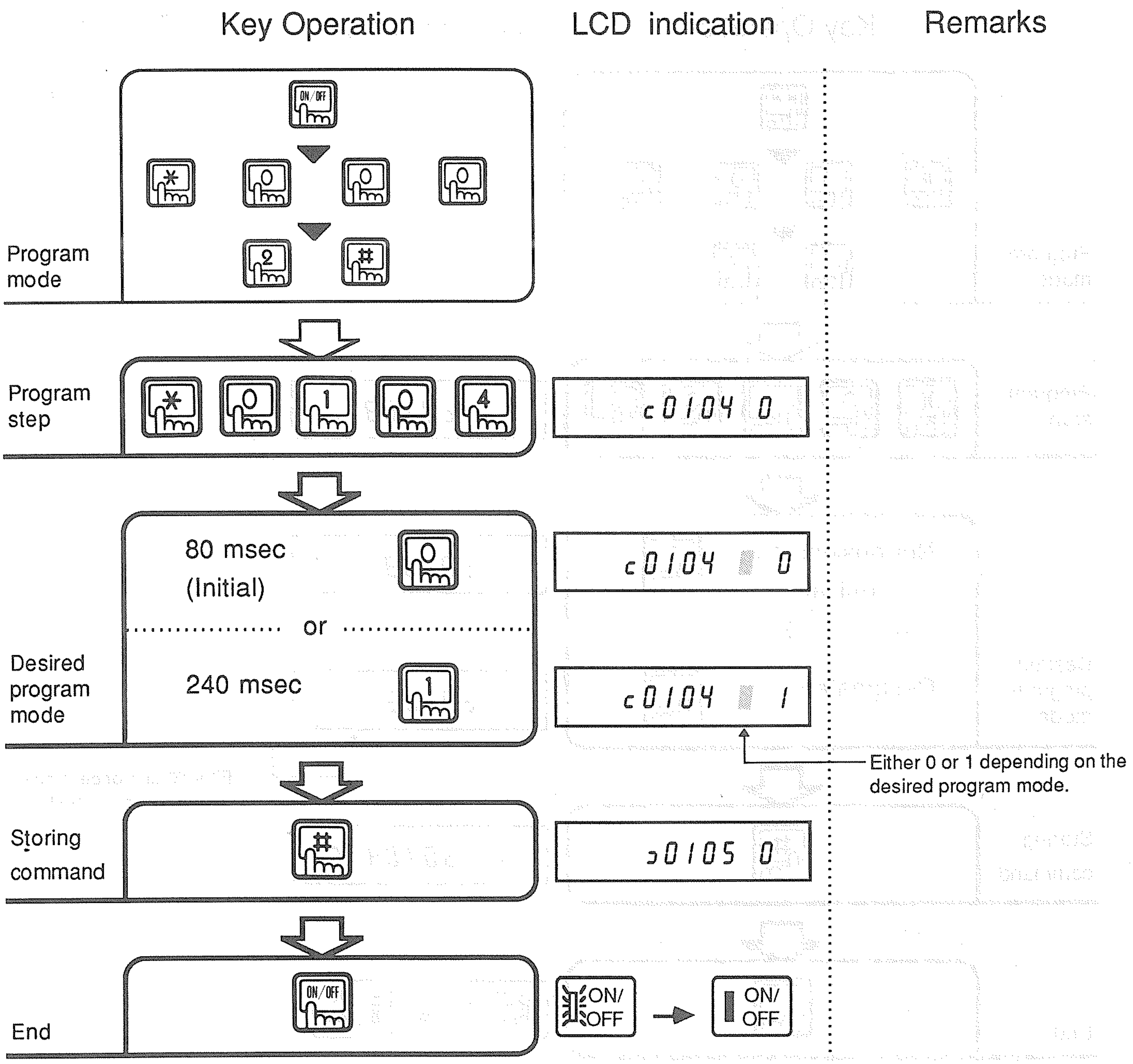
Either 0 or 1 depending on the desired program mode.

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication
1	✱ 0 1 0 3	c0103 0
2	✱ 0 2 0 3	c0203 0
3	✱ 0 3 0 3	c0303 0
4	✱ 0 4 0 3	c0403 0
5	✱ 0 5 0 3	c0503 0
6	✱ 0 6 0 3	c0603 0
≀	≀	≀
12	✱ 1 2 0 3	c1203 0

Length of DTMF signals

If mis-dialing is sometimes made while tone dialing, change the tone duration time to 240 m sec.
When you have MCI or Sprint lines, and if you wish to use BANK account balance service, set to 240 m sec.

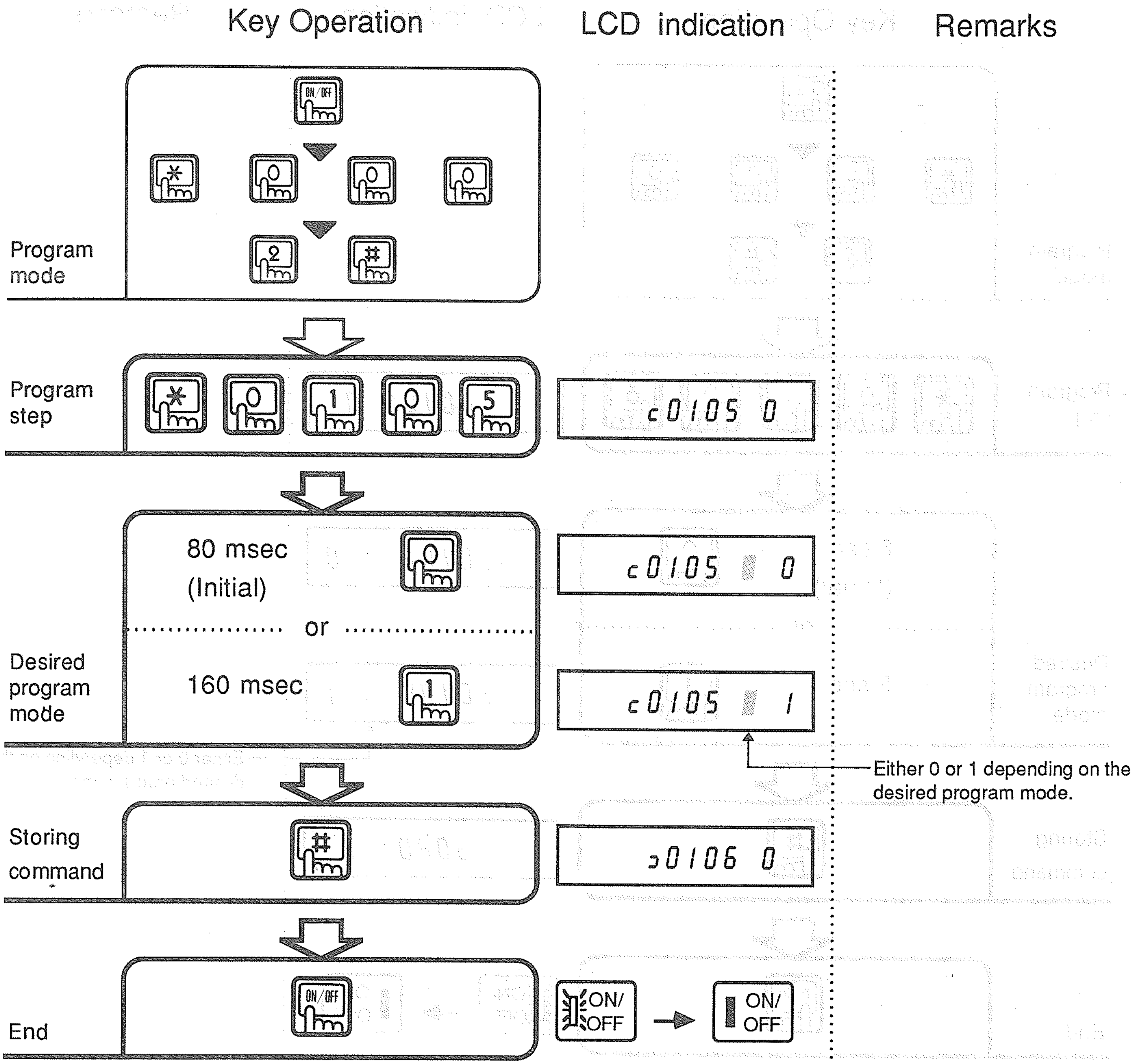

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
2
#
Program step
*
0
1
0
4
c 0104 0
Desired program mode
80 msec
(Initial)
0
c 0104 0
or
240 msec
1
c 0104 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
c 0105 0
End
ON/OFF
ON/OFF
ON/OFF

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication	COL	Program step	LCD indication
1	✳ 0 1 0 4	c 0104 0	5	✳ 0 5 0 4	c 0504 0
2	✳ 0 2 0 4	c 0204 0	6	✳ 0 6 0 4	c 0604 0
3	✳ 0 3 0 4	c 0304 0	≀	≀	≀
4	✳ 0 4 0 4	c 0404 0	12	✳ 1 2 0 4	c 1204 0

Minimum pause

You can change the minimum pause for the tone dialing signal. If you cannot dial at initial set (80 m sec), specify 160 m sec. The minimum pause is the pause time between tone dialing signal and another tone dialing signal.

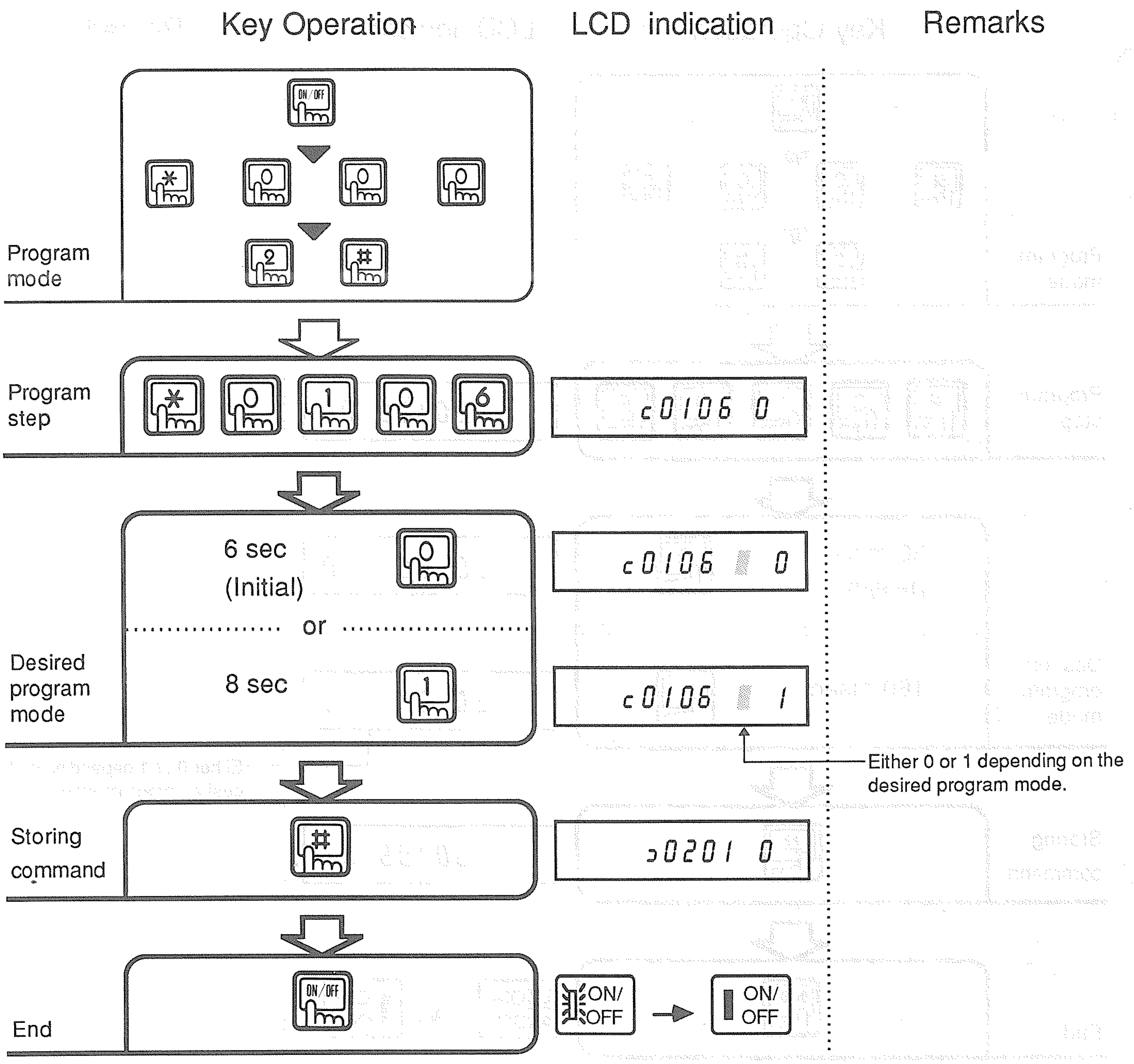

Key Operation
LCD indication
Remarks
Program mode
ON/OFF
✳ 0 0 0
2 #
Program step
✳ 0 1 0 5
c0105 0
Desired program mode
80 msec (Initial)
0
c0105 0
or
160 msec
1
c0105 1
Either 0 or 1 depending on the desired program mode.
Storing command
#
ɔ0106 0
End
ON/OFF
ON/OFF
ON/OFF

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication
1	✳ 0 1 0 5	c0105 0
2	✳ 0 2 0 5	c0205 0
3	✳ 0 3 0 5	c0305 0
4	✳ 0 4 0 5	c0405 0
5	✳ 0 5 0 5	c0505 0
6	✳ 0 6 0 5	c0605 0
~	~	~
12	✳ 1 2 0 5	c1205 0

Ring detection time

If you have a problem of incoming ring signal like that the first ring is normal but second does not ring, you need to set it to 8 seconds as your incoming ring cycle is more than 6 seconds.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
2
#
Program step
*
0
1
0
6
c0106 0
Desired program mode
6 sec (Initial)
0
c0106 0
or
8 sec
1
c0106 1
Storing command
#
ɔ0201 0
End
ON/OFF
ON/OFF
ON/OFF

Either 0 or 1 depending on the desired program mode.

These program steps are made for each telephone line(COL).

COL	Program step	LCD indication	COL	Program step	LCD indication
1	✳ 0 1 0 6	c0106 0	5	✳ 0 5 0 6	c0506 0
2	✳ 0 2 0 6	c0206 0	6	✳ 0 6 0 6	c0606 0
3	✳ 0 3 0 6	c0306 0	≀	≀	≀
4	✳ 0 4 0 6	c0406 0	12	✳ 1 2 0 6	c1206 0

Telephone type

You can also connect a AT & T 2500 type (DTMF) single line telephone to the system in addition to the key telephone. The setting specifies whether it is a key telephone, single line telephone for extensions 38 to 41 or direct station selector for any odd extension numbers up to 4 units. When you use single line telephones, the optional SLT card is necessary to KSU.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 8	c 1008 0	
Desired program mode	Key telephone (Initial) 0	c 1008 ▒ 0	
	or Single line telephone 1	c 1008 ▒ 1	SLT is available to EXT Nos. 38 to 41.
	or Direct station selector 2	c 1008 ▒ 2	DSS can be added any odd extension numbers up to 4 units. Either 0, 1 or 2 depending on the desired program mode.
Storing command	#	ɔ 1009 0	
End	ON/OFF		

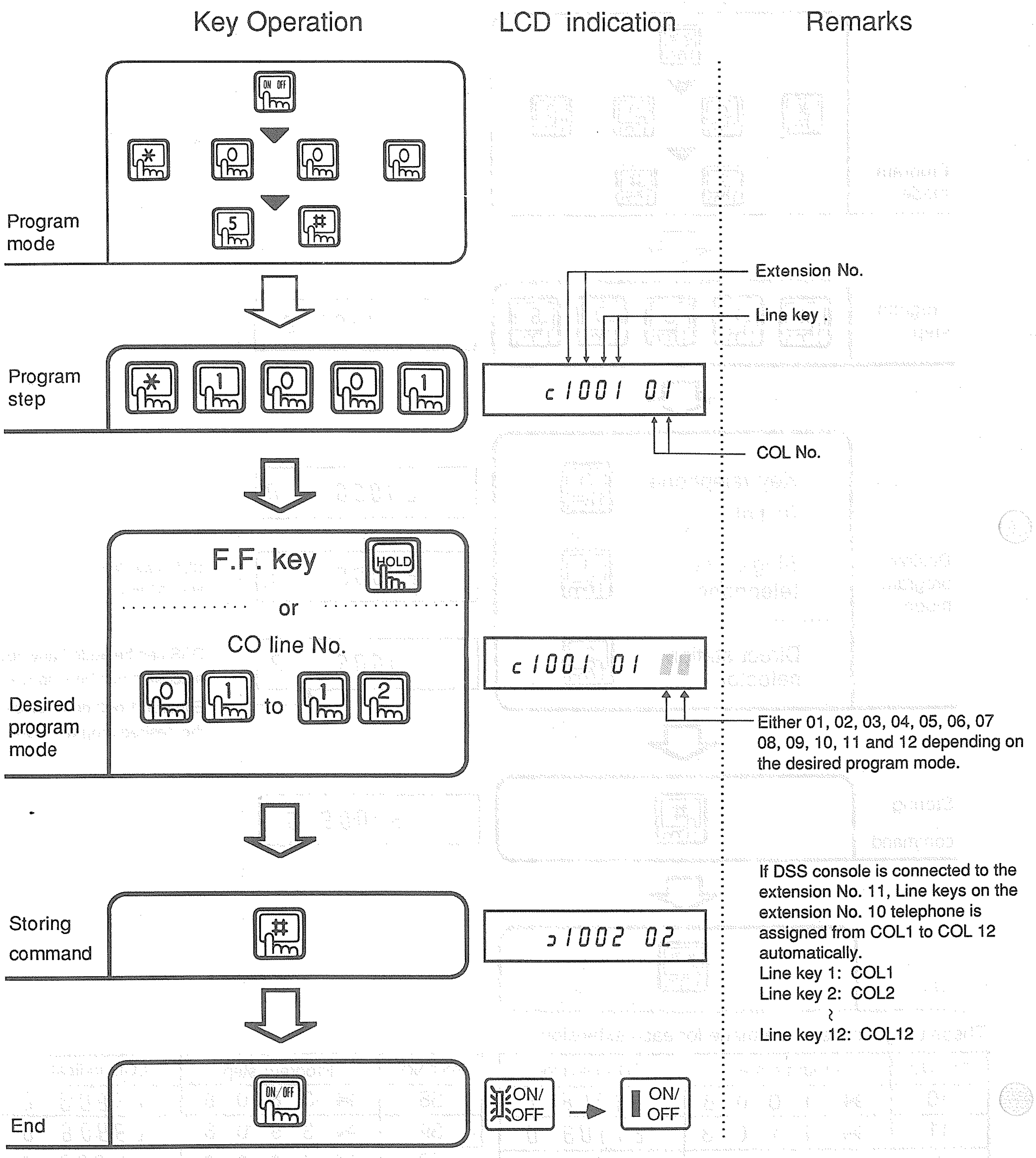
These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 8	c 1008 0
11	* 1 1 0 8	c 1108 0
≀	≀	≀
37	* 3 7 0 8	c 3708 0

EXT NO.	Program step	LCD indication
38	* 3 8 0 8	c 3808 0
39	* 3 9 0 8	c 3908 0
40	* 4 0 0 8	c 4008 0
41	* 4 1 0 8	c 4108 0

Line key assign

You can set any of the line numbers from 01 to 12 on Line/FF key with two digits.


Key Operation
LCD indication
Remarks
ON OFF
*
0
0
0
5
#
Program mode
*
1
0
0
1
Program step
c 1001 01
Extension No.
Line key .
COL No.
F.F. key
HOLD
or
CO line No.
0
1
to
1
2
Desired program mode
c 1001 01
Storing command
#
ɔ 1002 02
End
ON/OFF
ON/ OFF
ON/ OFF

Either 01, 02, 03, 04, 05, 06, 07 08, 09, 10, 11 and 12 depending on the desired program mode.

If DSS console is connected to the extension No. 11, Line keys on the extension No. 10 telephone is assigned from COL1 to COL 12 automatically.
Line key 1: COL1
Line key 2: COL2
≀
Line key 12: COL12

For EXT. No. 10

Line key	Program step	LCD indication
1	✱ 1 0 0 1	c1001 01
2	✱ 1 0 0 2	c1002 02
3	✱ 1 0 0 3	c1003 03
4	✱ 1 0 0 4	c1004 04
5	✱ 1 0 0 5	c1005 05
6	✱ 1 0 0 6	c1006 06
7	✱ 1 0 0 7	c1007 07
8	✱ 1 0 0 8	c1008 08
9	✱ 1 0 0 9	c1009 09
10	✱ 1 0 1 0	c1010 10
11	✱ 1 0 1 1	c1011 11
12	✱ 1 0 1 2	c1012 12

For EXT. No.11

Line key	Program step	LCD indication
1	✱ 1 1 0 1	c1101 01
2	✱ 1 1 0 2	c1102 02
3	✱ 1 1 0 3	c1103 03
4	✱ 1 1 0 4	c1104 04
5	✱ 1 1 0 5	c1105 05
6	✱ 1 1 0 6	c1106 06
7	✱ 1 1 0 7	c1107 07
8	✱ 1 1 0 8	c1108 08
9	✱ 1 1 0 9	c1109 09
10	✱ 1 1 1 0	c1110 10
11	✱ 1 1 1 1	c1111 11
12	✱ 1 1 1 2	c1112 12

For EXT. No.12

Line key	Program step	LCD indication
1	✱ 1 2 0 1	c1201 01
2	✱ 1 2 0 2	c1202 02
3	✱ 1 2 0 3	c1203 03
4	✱ 1 2 0 4	c1204 04
5	✱ 1 2 0 5	c1205 05
6	✱ 1 2 0 6	c1206 06
7	✱ 1 2 0 7	c1207 07
8	✱ 1 2 0 8	c1208 08
9	✱ 1 2 0 9	c1209 09
10	✱ 1 2 1 0	c1210 10
11	✱ 1 2 1 1	c1211 11
12	✱ 1 2 1 2	c1212 12

For EXT. No. 13

Line key	Program step	LCD indication
1	✱ 1 3 0 1	c1301 01
2	✱ 1 3 0 2	c1302 02
3	✱ 1 3 0 3	c1303 03
4	✱ 1 3 0 4	c1304 04
5	✱ 1 3 0 5	c1305 05
6	✱ 1 3 0 6	c1306 06
7	✱ 1 3 0 7	c1307 07
8	✱ 1 3 0 8	c1308 08
9	✱ 1 3 0 9	c1309 09
10	✱ 1 3 1 0	c1310 10
11	✱ 1 3 1 1	c1311 11
12	✱ 1 3 1 2	c1312 12

For EXT. No.14

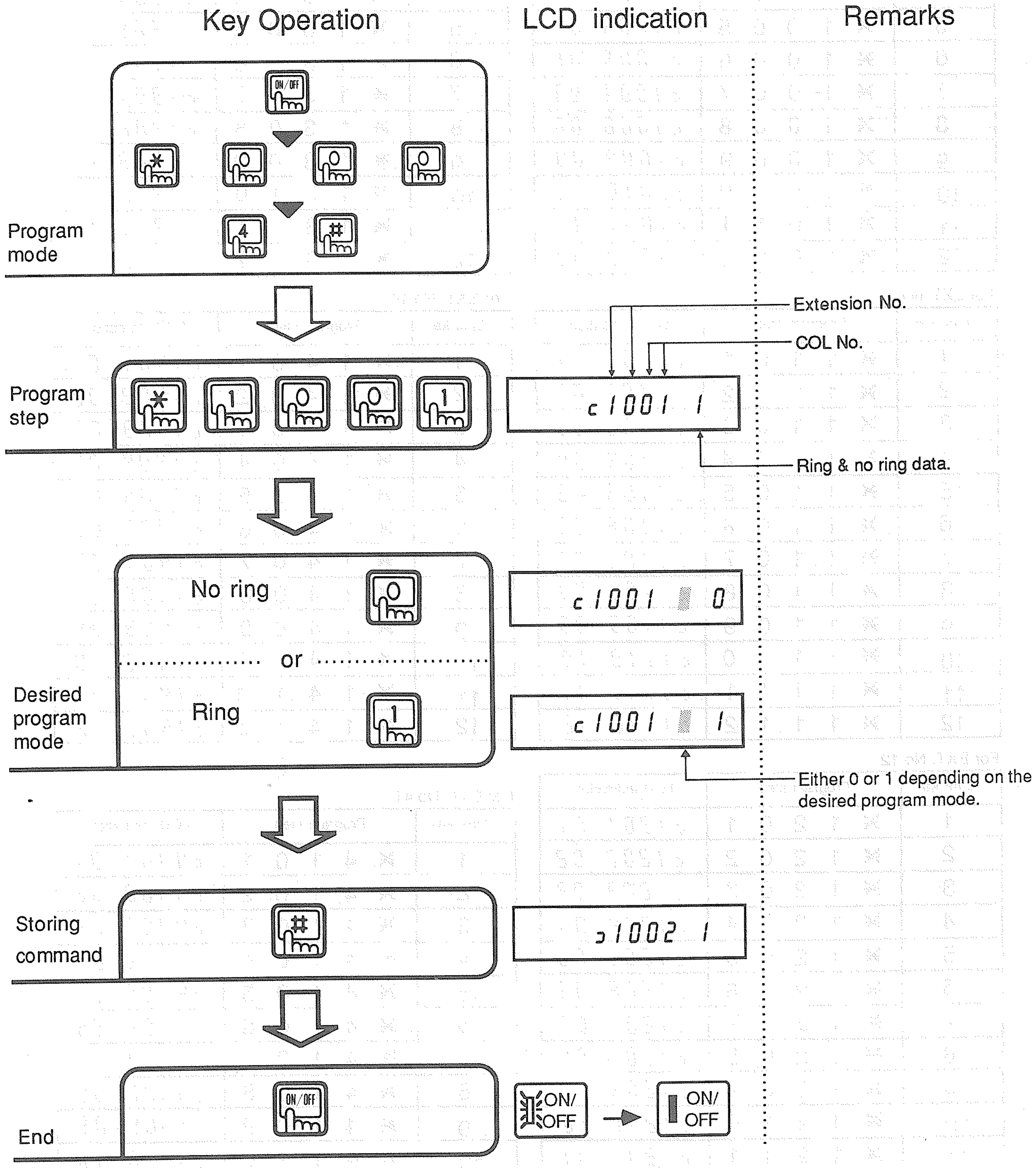
Line key	Program step	LCD indication
1	✱ 1 4 0 1	c1401 01
2	✱ 1 4 0 2	c1402 02
3	✱ 1 4 0 3	c1403 03
4	✱ 1 4 0 4	c1404 04
5	✱ 1 4 0 5	c1405 05
6	✱ 1 4 0 6	c1406 06
7	✱ 1 4 0 7	c1407 07
8	✱ 1 4 0 8	c1408 08
9	✱ 1 4 0 9	c1409 09
10	✱ 1 4 1 0	c1410 10
11	✱ 1 4 1 1	c1411 11
12	✱ 1 4 1 2	c1412 12

For EXT. No.41

Line key	Program step	LCD indication
1	✱ 4 1 0 1	c4101 01
2	✱ 4 1 0 2	c4102 02
3	✱ 4 1 0 3	c4103 03
4	✱ 4 1 0 4	c4104 04
5	✱ 4 1 0 5	c4105 05
6	✱ 4 1 0 6	c4106 06
7	✱ 4 1 0 7	c4107 07
8	✱ 4 1 0 8	c4108 08
9	✱ 4 1 0 9	c4109 09
10	✱ 4 1 1 0	c4110 10
11	✱ 4 1 1 1	c4111 11
12	✱ 4 1 1 2	c4112 12

Incoming call ringing

You can set it so that it will ring when COL incoming signal is received. The setting specifies whether it will ring or not.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
4
#
Program step
*
1
0
0
1
c1001 1
Extension No.
COL No.
Ring & no ring data.
Desired program mode
No ring
0
or
Ring
1
c1001 0
c1001 1
Storing command
#
ɔ1002 1
End
ON/OFF
ON/OFF
ON/OFF

Either 0 or 1 depending on the desired program mode.

For EXT. No. 10

COL	Program step	LCD indication
1	✱ 1 0 0 1	c 1001 1
2	✱ 1 0 0 2	c 1002 1
3	✱ 1 0 0 3	c 1003 1
4	✱ 1 0 0 4	c 1004 1
5	✱ 1 0 0 5	c 1005 1
6	✱ 1 0 0 6	c 1006 1
7	✱ 1 0 0 7	c 1007 1
8	✱ 1 0 0 8	c 1008 1
9	✱ 1 0 0 9	c 1009 1
10	✱ 1 0 1 0	c 1010 1
11	✱ 1 0 1 1	c 1011 1
12	✱ 1 0 1 2	c 1012 1

For EXT. No.11

COL	Program step	LCD indication
1	✱ 1 1 0 1	c 1101 0
2	✱ 1 1 0 2	c 1102 0
3	✱ 1 1 0 3	c 1103 0
4	✱ 1 1 0 4	c 1104 0
5	✱ 1 1 0 5	c 1105 0
6	✱ 1 1 0 6	c 1106 0
7	✱ 1 1 0 7	c 1107 0
8	✱ 1 1 0 8	c 1108 0
9	✱ 1 1 0 9	c 1109 0
10	✱ 1 1 1 0	c 1110 0
11	✱ 1 1 1 1	c 1111 0
12	✱ 1 1 1 2	c 1112 0

For EXT. No.12

COL	Program step	LCD indication
1	✱ 1 2 0 1	c 1201 0
2	✱ 1 2 0 2	c 1202 0
3	✱ 1 2 0 3	c 1203 0
4	✱ 1 2 0 4	c 1204 0
5	✱ 1 2 0 5	c 1205 0
6	✱ 1 2 0 6	c 1206 0
7	✱ 1 2 0 7	c 1207 0
8	✱ 1 2 0 8	c 1208 0
9	✱ 1 2 0 9	c 1209 0
10	✱ 1 2 1 0	c 1210 0
11	✱ 1 2 1 1	c 1211 0
12	✱ 1 2 1 2	c 1212 0

For EXT. No. 13

COL	Program step	LCD indication
1	✱ 1 3 0 1	c 1301 0
2	✱ 1 3 0 2	c 1302 0
3	✱ 1 3 0 3	c 1303 0
4	✱ 1 3 0 4	c 1304 0
5	✱ 1 3 0 5	c 1305 0
6	✱ 1 3 0 6	c 1306 0
7	✱ 1 3 0 7	c 1307 0
8	✱ 1 3 0 8	c 1308 0
9	✱ 1 3 0 9	c 1309 0
10	✱ 1 3 1 0	c 1310 0
11	✱ 1 3 1 1	c 1311 0
12	✱ 1 3 1 2	c 1312 0

For EXT. No.14

COL	Program step	LCD indication
1	✱ 1 4 0 1	c 1401 0
2	✱ 1 4 0 2	c 1402 0
3	✱ 1 4 0 3	c 1403 0
4	✱ 1 4 0 4	c 1404 0
5	✱ 1 4 0 5	c 1405 0
6	✱ 1 4 0 6	c 1406 0
7	✱ 1 4 0 7	c 1407 0
8	✱ 1 4 0 8	c 1408 0
9	✱ 1 4 0 9	c 1409 0
10	✱ 1 4 1 0	c 1410 0
11	✱ 1 4 1 1	c 1411 0
12	✱ 1 4 1 2	c 1412 0

For EXT. No.41 15

COL	Program step	LCD indication
1	✱ 4 1 0 1	c 4101 0
2	✱ 4 1 0 2	c 4102 0
3	✱ 4 1 0 3	c 4103 0
4	✱ 4 1 0 4	c 4104 0
5	✱ 4 1 0 5	c 4105 0
6	✱ 4 1 0 6	c 4106 0
7	✱ 4 1 0 7	c 4107 0
8	✱ 4 1 0 8	c 4108 0
9	✱ 4 1 0 9	c 4109 0
10	✱ 4 1 1 0	c 4110 0
11	✱ 4 1 1 1	c 4111 0
12	✱ 4 1 1 2	c 4112 0

Off-hook signaling

You can have a signal produced through the speaker when incoming calls are received while you are talking on the telephone. The setting specifies how the incoming intercom and outside calls are to be dealt with.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 2	c 1002 2	
Desired program mode	No ring — 0 or Intercom incoming ring only — 1 or COL incoming ring only (Initial) — 2 or Intercom and COL incoming ring — 3	c 1002 ▒ 0 c 1002 ▒ 1 c 1002 ▒ 2 c 1002 ▒ 3	Either 0, 1, 2 or 3 depending on the desired program mode.
Storing & End	# ▶ ON/OFF	ↄ 1003 1	

These program steps are made for each extension

EXT NO.	Program step	LCD indication	EXT NO.	Program step	LCD indication
10	✱ 1 0 0 2	c 1002 2	22	✱ 2 2 0 2	c 2202 2
11	✱ 1 1 0 2	c 1102 2	23	✱ 2 3 0 2	c 2302 2
12	✱ 1 2 0 2	c 1202 2	24	✱ 2 4 0 2	c 2402 2
13	✱ 1 3 0 2	c 1302 2	25	✱ 2 5 0 2	c 2502 2
14	✱ 1 4 0 2	c 1402 2	26	✱ 2 6 0 2	c 2602 2
15	✱ 1 5 0 2	c 1502 2	27	✱ 2 7 0 2	c 2702 2
16	✱ 1 6 0 2	c 1602 2	28	✱ 2 8 0 2	c 2802 2
17	✱ 1 7 0 2	c 1702 2	29	✱ 2 9 0 2	c 2902 2
18	✱ 1 8 0 2	c 1802 2	30	✱ 3 0 0 2	c 3002 2
19	✱ 1 9 0 2	c 1902 2	31	✱ 3 1 0 2	c 3102 2
20	✱ 2 0 0 2	c 2002 2	≀	≀	≀
21	✱ 2 1 0 2	c 2102 2	41	✱ 4 1 0 2	c 4102 2

Door box call

You can receive calls from the door boxes, when they are connected to the system, having specified how these calls are to be received from door boxes A and B.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 6	c 1006 3	
Desired program mode	No door box 0	c 1006 ▒ 0	
	or Only door box A will ring 1	c 1006 ▒ 1	
	or Only door box B will ring 2	c 1006 ▒ 2	
	or Both Door boxes A and B will ring 3	c 1006 ▒ 3	Either 0, 1, 2 or 3 depending on the desired program mode.
Storing & End	# ▶ ON/OFF	ɔ 1007 1	

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 6	c 1006 3
11	* 1 1 0 6	c 1106 3
12	* 1 2 0 6	c 1206 3
13	* 1 3 0 6	c 1306 3
14	* 1 4 0 6	c 1406 3
15	* 1 5 0 6	c 1506 3
16	* 1 6 0 6	c 1606 3
17	* 1 7 0 6	c 1706 3
18	* 1 8 0 6	c 1806 3
19	* 1 9 0 6	c 1906 3
20	* 2 0 0 6	c 2006 3
21	* 2 1 0 6	c 2106 3

EXT NO.	Program step	LCD indication
22	* 2 2 0 6	c 2206 3
23	* 2 3 0 6	c 2306 3
24	* 2 4 0 6	c 2406 3
25	* 2 5 0 6	c 2506 3
26	* 2 6 0 6	c 2606 0
27	* 2 7 0 6	c 2706 0
28	* 2 8 0 6	c 2806 0
29	* 2 9 0 6	c 2906 0
30	* 3 0 0 6	c 3006 0
31	* 3 1 0 6	c 3106 0
≀	≀	≀
41	* 4 1 0 6	c 4106 0

Sensor ringing

You can receive an alarm from the sensor, when the sensor is connected to the system.The setting specifies whether to receive the alarm and have it sound through the speaker or not.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ ✳ 0 0 0 ▼ 3 #		
Program step	✳ 1 0 0 7	c 1007 1	
Desired program mode	No alarm tone 0 or Alarm tone ring 1	c 1007 ▒ 0 c 1007 ▒ 1	Either 0 or 1 depending on the desired program mode.
Storing & End	# ▶ ON/OFF	ɔ 1008 0	

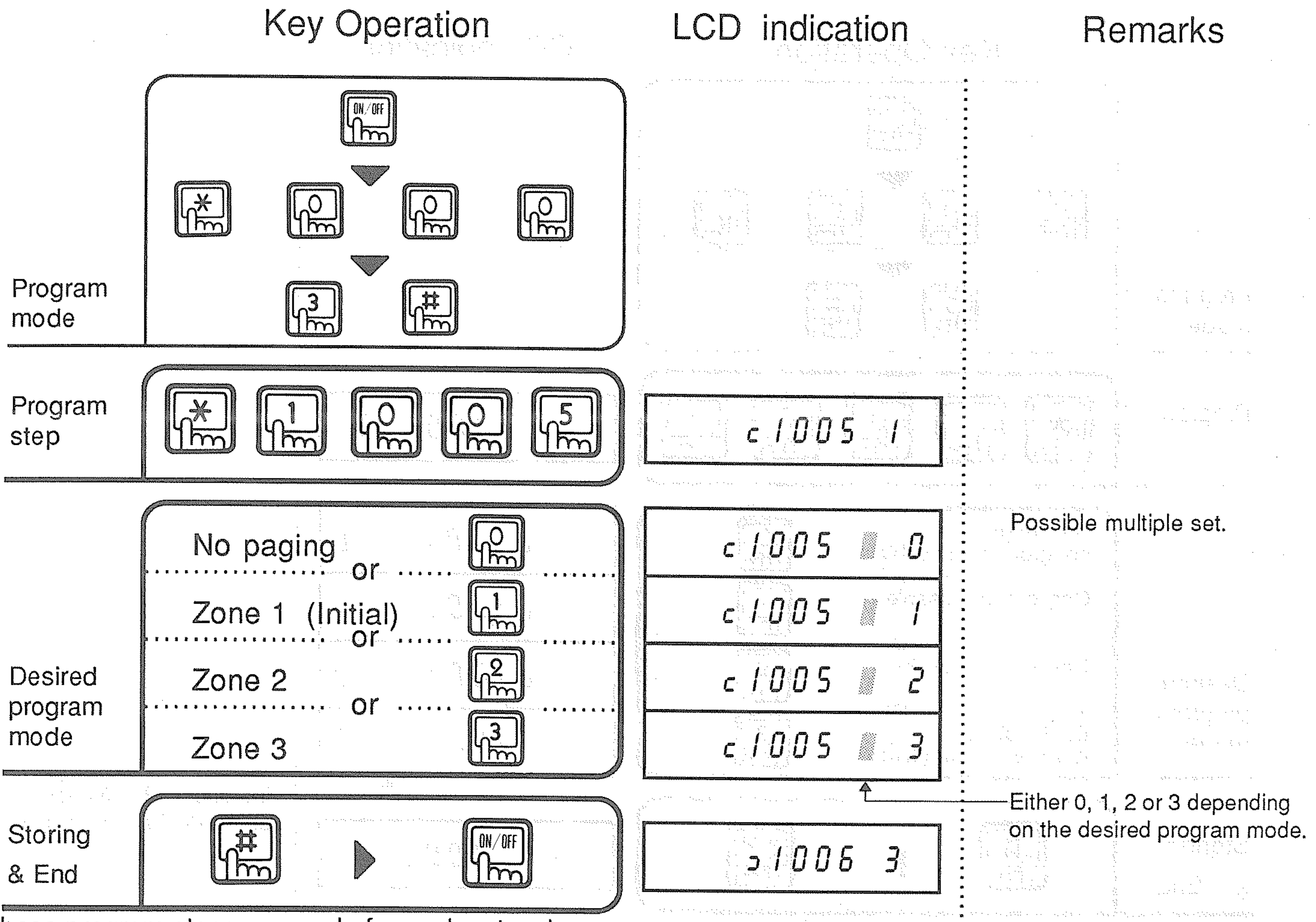
These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	✳ 1 0 0 7	c 1007 1
11	✳ 1 1 0 7	c 1107 0
12	✳ 1 2 0 7	c 1207 0
13	✳ 1 3 0 7	c 1307 0
14	✳ 1 4 0 7	c 1407 0
15	✳ 1 5 0 7	c 1507 0
16	✳ 1 6 0 7	c 1607 0
17	✳ 1 7 0 7	c 1707 0
18	✳ 1 8 0 7	c 1807 0
19	✳ 1 9 0 7	c 1907 0
20	✳ 2 0 0 7	c 2007 0
21	✳ 2 1 0 7	c 2107 0

EXT NO.	Program step	LCD indication
22	✳ 2 2 0 7	c 2207 0
23	✳ 2 3 0 7	c 2307 0
24	✳ 2 4 0 7	c 2407 0
25	✳ 2 5 0 7	c 2507 0
26	✳ 2 6 0 7	c 2607 0
27	✳ 2 7 0 7	c 2707 0
28	✳ 2 8 0 7	c 2807 0
29	✳ 2 9 0 7	c 2907 0
30	✳ 3 0 0 7	c 3007 0
31	✳ 3 1 0 7	c 3107 0
≀	≀	≀
41	✳ 4 1 0 7	c 4107 0

Zone paging

Zones can be paged separately. The setting specifies to which zone each telephone belongs. Also, Zone 3 can be used for external paging.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
3
#
Program step
*
1
0
0
5
c 1005 1
Desired program mode
No paging
or
0
Zone 1 (Initial)
or
1
Zone 2
or
2
Zone 3
3
c 1005 0
c 1005 1
c 1005 2
c 1005 3
Possible multiple set.
Either 0, 1, 2 or 3 depending on the desired program mode.
Storing & End
#
ON/OFF
ɔ 1006 3

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	✕ 1 0 0 5	c 1005 1
11	✕ 1 1 0 5	c 1105 1
12	✕ 1 2 0 5	c 1205 1
13	✕ 1 3 0 5	c 1305 1
14	✕ 1 4 0 5	c 1405 1
15	✕ 1 5 0 5	c 1505 1
16	✕ 1 6 0 5	c 1605 1
17	✕ 1 7 0 5	c 1705 1
18	✕ 1 8 0 5	c 1805 1
19	✕ 1 9 0 5	c 1905 1
20	✕ 2 0 0 5	c 2005 1
21	✕ 2 1 0 5	c 2105 1

EXT NO.	Program step	LCD indication
22	✕ 2 2 0 5	c 2205 1
23	✕ 2 3 0 5	c 2305 1
24	✕ 2 4 0 5	c 2405 1
25	✕ 2 5 0 5	c 2505 1
26	✕ 2 6 0 5	c 2605 1
27	✕ 2 7 0 5	c 2705 1
28	✕ 2 8 0 5	c 2805 1
29	✕ 2 9 0 5	c 2905 1
30	✕ 3 0 0 5	c 3005 1
31	✕ 3 1 0 5	c 3105 1
≀	≀	≀
41	✕ 4 1 0 5	c 4105 1

System speed dial group

You can use system speed dial group A and B. The setting specifies how group A and B is to be used.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 1	c 1001 3	
Desired program mode	Neither group A nor group B unusable 0 or Only group A usable 1 or Only group B usable 2 or Both groups A and B usable (Initial) 3	c 1001 ▒ 0 c 1001 ▒ 1 c 1001 ▒ 2 c 1001 ▒ 3	Either 0, 1, 2 or 3 depending on the desired program mode.
Storing & End	# ▶ ON/OFF	ɔ 1002 2	

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 1	c 1001 3
11	* 1 1 0 1	c 1101 3
12	* 1 2 0 1	c 1201 3
13	* 1 3 0 1	c 1301 3
14	* 1 4 0 1	c 1401 3
15	* 1 5 0 1	c 1501 3
16	* 1 6 0 1	c 1601 3
17	* 1 7 0 1	c 1701 3
18	* 1 8 0 1	c 1801 3
19	* 1 9 0 1	c 1901 3
20	* 2 0 0 1	c 2001 3
21	* 2 1 0 1	c 2101 3

EXT NO.	Program step	LCD indication
22	* 2 2 0 1	c 2201 3
23	* 2 3 0 1	c 2301 3
24	* 2 4 0 1	c 2401 3
25	* 2 5 0 1	c 2501 3
26	* 2 6 0 1	c 2601 3
27	* 2 7 0 1	c 2701 3
28	* 2 8 0 1	c 2801 3
29	* 2 9 0 1	c 2901 3
30	* 3 0 0 1	c 3001 3
31	* 3 1 0 1	c 3101 3
~	~	~
41	* 4 1 0 1	c 4101 3

Flexible night service setting

You can put the system to night time call mode by the telephone key operation. The setting specifies whether it can be put in night time mode or not. For initial set, EXT.No.10 only can be put in night time mode.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 3	c 1003 1	
Desired program mode	Can not set night mode 0 or Can be set night mode 1	c 1003 ▒ 0 c 1003 ▒ 1	Either 0 or 1 depending on the desired program mode.
Storing & End	# ▶ ON/OFF	ɔ 1004 1	

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 3	c 1003 1
11	* 1 1 0 3	c 1103 0
12	* 1 2 0 3	c 1203 0
13	* 1 3 0 3	c 1303 0
14	* 1 4 0 3	c 1403 0
15	* 1 5 0 3	c 1503 0
16	* 1 6 0 3	c 1603 0
17	* 1 7 0 3	c 1703 0
18	* 1 8 0 3	c 1803 0
19	* 1 9 0 3	c 1903 0
20	* 2 0 0 3	c 2003 0
21	* 2 1 0 3	c 2103 0

EXT NO.	Program step	LCD indication
22	* 2 2 0 3	c 2203 0
23	* 2 3 0 3	c 2303 0
24	* 2 4 0 3	c 2403 0
25	* 2 5 0 3	c 2503 0
26	* 2 6 0 3	c 2603 0
27	* 2 7 0 3	c 2703 0
28	* 2 8 0 3	c 2803 0
29	* 2 9 0 3	c 2903 0
30	* 3 0 0 3	c 3003 0
31	* 3 1 0 3	c 3103 0
≀	≀	≀
41	* 4 1 0 3	c 4103 0

Flexible night service

You can have the system set in the night time call mode ring when COL incoming signal is received. This is necessary for when answering calls at night time. The setting specifies whether the system is to ring or not. For initial set, EXT.No 10 only will ring.

	Key Operation	LCD indication	Remarks
Program mode	ON/OFF ▼ * 0 0 0 ▼ 3 #		
Program step	* 1 0 0 4	c 1004 1	
Desired program mode	No night ring 0	c 1004 ▒ 0	
	...... or		
	Have night ring 1	c 1004 ▒ 1	Either 0 or 1 dependin on the desired program mode.
Storing & End	# ▶ ON/OFF	ɔ 1005 1	

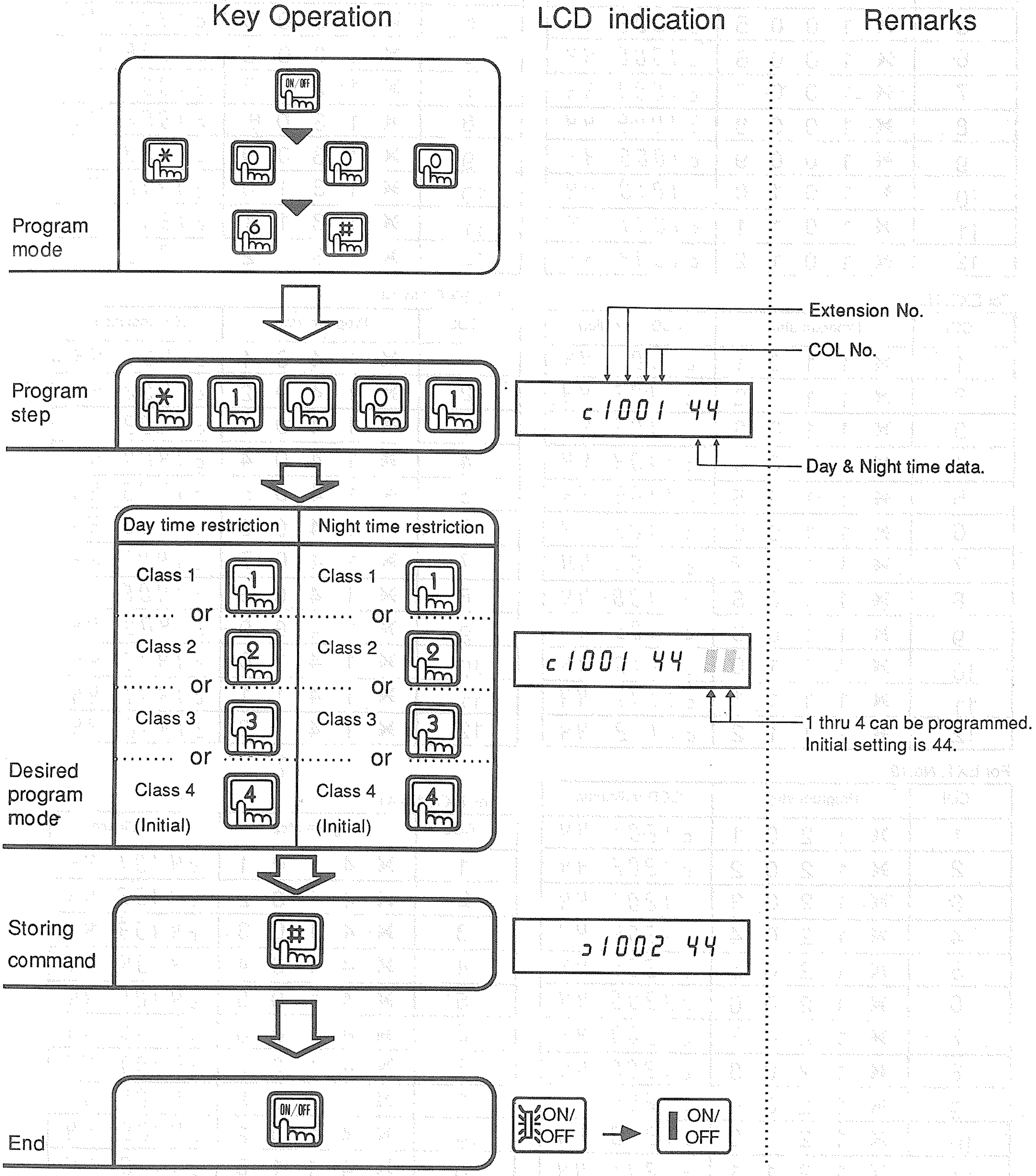
These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 4	c 1004 1
11	* 1 1 0 4	c 1104 0
12	* 1 2 0 4	c 1204 0
13	* 1 3 0 4	c 1304 0
14	* 1 4 0 4	c 1404 0
15	* 1 5 0 4	c 1504 0
16	* 1 6 0 4	c 1604 0
17	* 1 7 0 4	c 1704 0
18	* 1 8 0 4	c 1804 0
19	* 1 9 0 4	c 1904 0
20	* 2 0 0 4	c 2004 0
21	* 2 1 0 4	c 2104 0
22	* 2 2 0 4	c 2204 0
23	* 2 3 0 4	c 2304 0
24	* 2 4 0 4	c 2404 0
25	* 2 5 0 4	c 2504 0
26	* 2 6 0 4	c 2604 0
27	* 2 7 0 4	c 2704 0
28	* 2 8 0 4	c 2804 0
29	* 2 9 0 4	c 2904 0
30	* 3 0 0 4	c 3004 0
31	* 3 1 0 4	c 3104 0
≀	≀	≀
41	* 4 1 0 4	c 4104 0

Outside dialing restriction class

Outside calls can be restricted when they are being made. Any of the following 4 call restriction classes can be selected for each of daytime and night time.

Class 1; Outside dialing disabled.
Class 2; 0/1 outside dialing disabled, and 411, 555 and 976 outside dialings restricted.
Class 3; 0/1 outside dialing disabled.
Class 4; No restriction.


Key Operation
LCD indication
Remarks
ON/OFF
*
0
0
0
6
#
Program mode
*
1
0
0
1
Program step
c 1001 44
Extension No.
COL No.
Day & Night time data.
Day time restriction
Night time restriction
Class 1
1
or
Class 2
2
or
Class 3
3
or
Class 4
(Initial)
4
Desired program mode
c 1001 44
1 thru 4 can be programmed.
Initial setting is 44.
Storing command
#
c 1002 44
End
ON/OFF
ON/OFF
ON/OFF

For EXT. No. 10

COL	Program step	LCD indication
1	※ 1 0 0 1	c1001 44
2	※ 1 0 0 2	c1002 44
3	※ 1 0 0 3	c1003 44
4	※ 1 0 0 4	c1004 44
5	※ 1 0 0 5	c1005 44
6	※ 1 0 0 6	c1006 44
7	※ 1 0 0 7	c1007 44
8	※ 1 0 0 8	c1008 44
9	※ 1 0 0 9	c1009 44
10	※ 1 0 1 0	c1010 44
11	※ 1 0 1 1	c1011 44
12	※ 1 0 1 2	c1012 44

For EXT. No.11

COL	Program step	LCD indication
1	※ 1 1 0 1	c1101 44
2	※ 1 1 0 2	c1102 44
3	※ 1 1 0 3	c1103 44
4	※ 1 1 0 4	c1104 44
5	※ 1 1 0 5	c1105 44
6	※ 1 1 0 6	c1106 44
7	※ 1 1 0 7	c1107 44
8	※ 1 1 0 8	c1108 44
9	※ 1 1 0 9	c1109 44
10	※ 1 1 1 0	c1110 44
11	※ 1 1 1 1	c1111 44
12	※ 1 1 1 2	c1112 44

For EXT. No.12

COL	Program step	LCD indication
1	※ 1 2 0 1	c1201 44
2	※ 1 2 0 2	c1202 44
3	※ 1 2 0 3	c1203 44
4	※ 1 2 0 4	c1204 44
5	※ 1 2 0 5	c1205 44
6	※ 1 2 0 6	c1206 44
7	※ 1 2 0 7	c1207 44
8	※ 1 2 0 8	c1208 44
9	※ 1 2 0 9	c1209 44
10	※ 1 2 1 0	c1210 44
11	※ 1 2 1 1	c1211 44
12	※ 1 2 1 2	c1212 44

For EXT. No. 13

COL	Program step	LCD indication
1	※ 1 3 0 1	c1301 44
2	※ 1 3 0 2	c1302 44
3	※ 1 3 0 3	c1303 44
4	※ 1 3 0 4	c1304 44
5	※ 1 3 0 5	c1305 44
6	※ 1 3 0 6	c1306 44
7	※ 1 3 0 7	c1307 44
8	※ 1 3 0 8	c1308 44
9	※ 1 3 0 9	c1309 44
10	※ 1 3 1 0	c1310 44
11	※ 1 3 1 1	c1311 44
12	※ 1 3 1 2	c1312 44

For EXT. No.14

COL	Program step	LCD indication
1	※ 1 4 0 1	c1401 44
2	※ 1 4 0 2	c1402 44
3	※ 1 4 0 3	c1403 44
4	※ 1 4 0 4	c1404 44
5	※ 1 4 0 5	c1405 44
6	※ 1 4 0 6	c1406 44
7	※ 1 4 0 7	c1407 44
8	※ 1 4 0 8	c1408 44
9	※ 1 4 0 9	c1409 44
10	※ 1 4 1 0	c1410 44
11	※ 1 4 1 1	c1411 44
12	※ 1 4 1 2	c1412 44

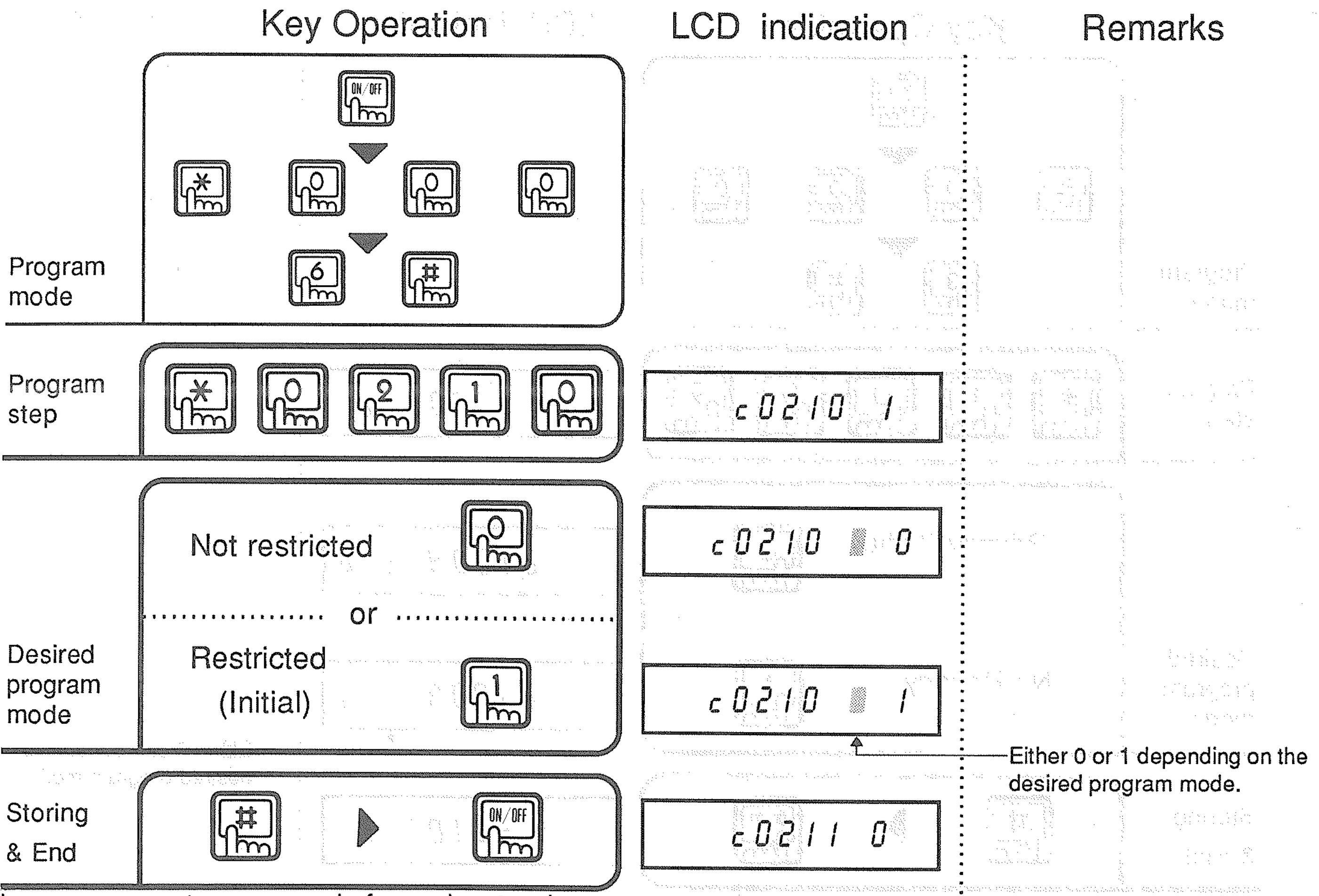
⁝

For EXT. No.41

COL	Program step	LCD indication
1	※ 4 1 0 1	c4101 44
2	※ 4 1 0 2	c4102 44
3	※ 4 1 0 3	c4103 44
4	※ 4 1 0 4	c4104 44
5	※ 4 1 0 5	c4105 44
6	※ 4 1 0 6	c4106 44
7	※ 4 1 0 7	c4107 44
8	※ 4 1 0 8	c4108 44
9	※ 4 1 0 9	c4109 44
10	※ 4 1 1 0	c4110 44
11	※ 4 1 1 1	c4111 44
12	※ 4 1 1 2	c4112 44

System speed dial restriction

In case of outside dialing restriction classes 2 and 3, numbers subject to restriction can be released if stored in system speed dial. The setting specifies whether or not restrictions are to be made for numbers stored in system speed dial.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
6
#
Program step
*
0
2
1
0
c 0210 1
Desired program mode
Not restricted
0
c 0210 ▒ 0
or
Restricted (Initial)
1
c 0210 ▒ 1
Storing & End
#
ON/OFF
c 0211 0

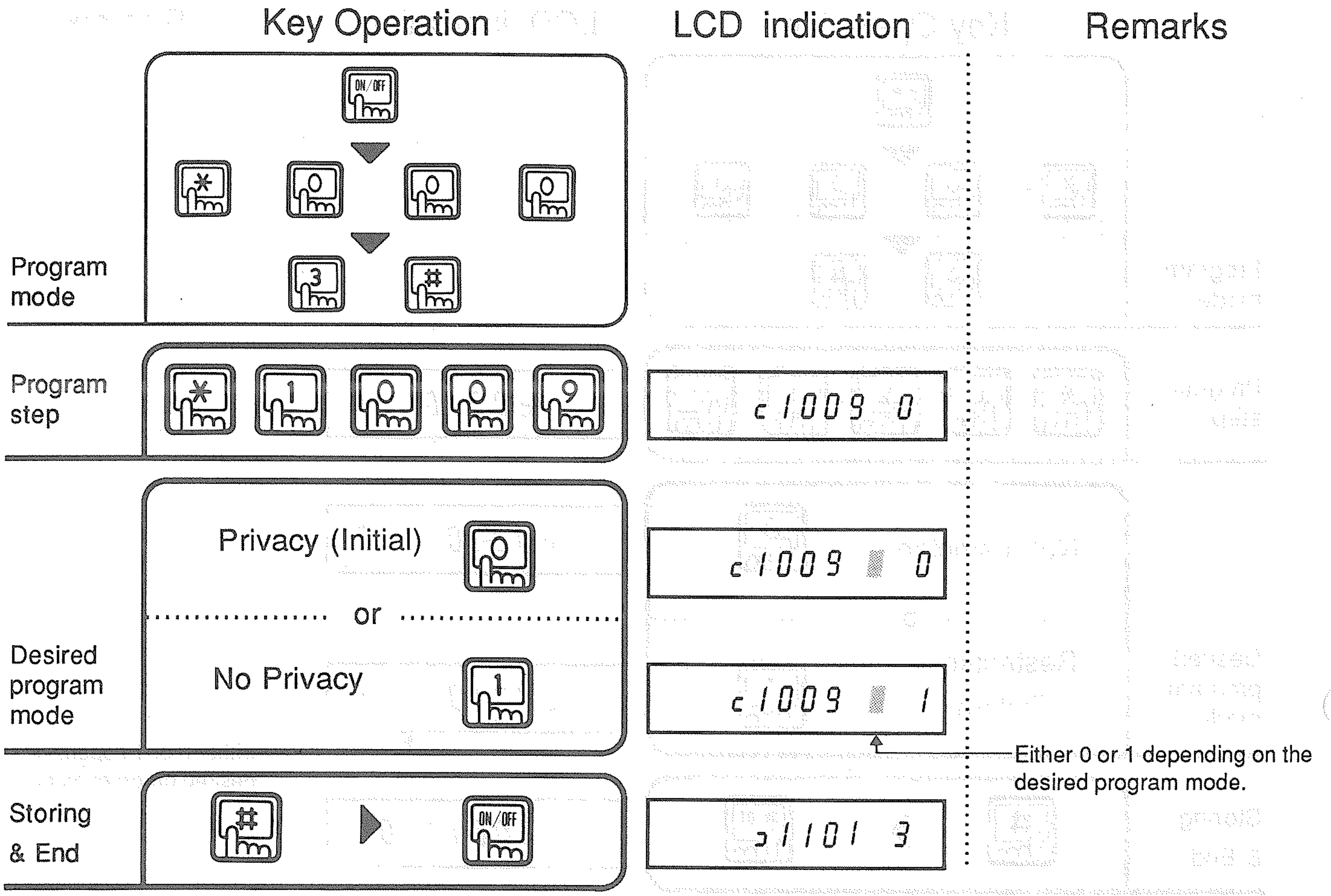
Either 0 or 1 depending on the desired program mode.

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 0 2 1 0	c 0210 1
11	* 0 2 1 1	c 0211 1
12	* 0 2 1 2	c 0212 1
13	* 0 2 1 3	c 0213 1
14	* 0 2 1 4	c 0214 1
15	* 0 2 1 5	c 0215 1
16	* 0 2 1 6	c 0216 1
17	* 0 2 1 7	c 0217 1
18	* 0 2 1 8	c 0218 1
19	* 0 2 1 9	c 0219 1
20	* 0 2 2 0	c 0220 1
21	* 0 2 2 1	c 0221 1
22	* 0 2 2 2	c 0222 1
23	* 0 2 2 3	c 0223 1
24	* 0 2 2 4	c 0224 1
25	* 0 2 2 5	c 0225 1
26	* 0 2 2 6	c 0226 1
27	* 0 2 2 7	c 0227 1
28	* 0 2 2 8	c 0228 1
29	* 0 2 2 9	c 0229 1
30	* 0 2 3 0	c 0230 1
31	* 0 2 3 1	c 0231 1
≀	≀	≀
41	* 0 2 4 1	c 0241 1

Privacy override (COL override)

The initial setting is for privacy on all extensions but the privacy of an extension can be released so that other extensions can monitor it.


Key Operation
LCD indication
Remarks
Program mode
ON/OFF
*
0
0
0
3
#
Program step
*
1
0
0
9
c 1009 0
Desired program mode
Privacy (Initial)
0
c 1009 0
or
No Privacy
1
c 1009 1
Either 0 or 1 depending on the desired program mode.
Storing & End
#
ON/OFF
ɔ 1101 3

These program steps are made for each extension

EXT NO.	Program step	LCD indication
10	* 1 0 0 9	c 1009 0
11	* 1 1 0 9	c 1109 0
12	* 1 2 0 9	c 1209 0
13	* 1 3 0 9	c 1309 0
14	* 1 4 0 9	c 1409 0
15	* 1 5 0 9	c 1509 0
16	* 1 6 0 9	c 1609 0
17	* 1 7 0 9	c 1709 0
18	* 1 8 0 9	c 1809 0
19	* 1 9 0 9	c 1909 0
20	* 2 0 0 9	c 2009 0
21	* 2 1 0 9	c 2109 0

EXT NO.	Program step	LCD indication
22	* 2 2 0 9	c 2209 0
23	* 2 3 0 9	c 2309 0
24	* 2 4 0 9	c 2409 0
25	* 2 5 0 9	c 2509 0
26	* 2 6 0 9	c 2609 0
27	* 2 7 0 9	c 2709 0
28	* 2 8 0 9	c 2809 0
29	* 2 9 0 9	c 2909 0
30	* 3 0 0 9	c 3009 0
31	* 3 1 0 9	c 3109 0
≀	≀	≀
41	* 4 1 0 9	c 4109 0

Programming table for initial set

System setting

MODE NO.	FEATURE	OPTION SELECTED										
1	*101- Outside access number from PBX	0	1	2	3	4	5	6	7	8	9	
											X	
	*102- Automatic pause placed after PBX line access number	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
	Amount of time before length of conversation appears on LCD display	After 15 sec					After 30 sec					
		*103-0 X					*103-1					
	Flash time	0.6 sec			1 sec			2 sec				
		*104-0			*104-1 X			*104-2				
	Pause time stored on speed dial	2 sec					3 sec					
		*105-0 X					*105-1					
	*106- Range of system speed dial group A	0	1	2	3	4	5	6	7	8	▨	
										X	▨	
		0	1	2	3	4	5	6	7	8	9	
											X	
	*107- Range of system speed dial group B	0	1	2	3	4	5	6	7	8	▨	
		X									▨	
		0	1	2	3	4	5	6	7	8	9	
		X										
	Long speech alarm	No alarm tone					Have alarm tone					
		*108-0 X					*108-1					
7	*101- Time set	Hour		Minute			AM			PM		
		00 ~ 12		00 ~ 59			1			2		
	*202- Year / Date set	Year			Month			Day				
		87 ~ 86			01 ~ 12			01 ~ 31				

MODE NO.	FEATURE	OPTION SELECTED									
1	Automatic answering for incoming calls	No auto answering	Only handset auto answering	Handset & ON/OFF key							
		*109-0	*109-1	*109-2 X							
	Ringing telephone for night time incoming calls	Only night time ring set TEL will ring	COL ring set TEL will ring,too								
		*110-0 X	*110-1								
	Hold recall	No recall	In the immediate	After 30 sec	After 1 min	After 2 min					
		*111-0 X	*111-1	*111-2	*111-3	*111-4					
	Connection of door box	Can not connect	Can be connect								
		*112-0	*112-1 X								
	Type of applicable sensors	Detect - close	Detect - open								
		*113-0 X	*113-1								
	Sensor alarm stopping method	By sensor	By handset (Off - hooking)								
		*114-0 X	*114-1								
	SLT on-hooking detection	0.05 to 0.5sec	0.05 to 1.2sec								
		*115-0	*115-1 X								
	Hold recall for DSS TEL	No recall	In the immediate	After 30 sec	After 1 min	After 2 min					
		*117-0	*117-1 X	*117-2	*117-3	*117-4					
7	SMDR output	No data out put	Outputting data only	Outputting data with title							
		*201-0 X	*201-1	*201-2							
	SMDR baud rate setting	300 BPS	600 BPS	1200 BPS	2400 BPS	4800 BPS	9600 BPS				
		*203-0	*203-1	*203-2	*203-3	*203-4 X	*203-5				
	SMDR data configuration	7 bit /1 bit Even No.	7 bit / 1 bit Odd No.	7 bit / 2 bit Even No.	7 bit / 2 bit Odd No.	8 bit / 1 bit Even No.	8 bit / 1 bit Odd No.	8 bit / 2 bit Even No.	8 bit / 2 bit Odd No.		
		*204-0	*204-1	*204-2 X	*204-3	*204-4	*204-5	*204-6	*204-7		
6	Restriction when necessary to dial "1" for first digit	Non 1 + area code	1 + area code								
		*0101-0 X	*0101-1								
	Restriction on outside calls using * or # keys	Not restricted	Restricted								
		*0102-0	*0102-1 X								
	Restriction by number of digits when making outside calls	Not	8 digits	9 digits	10 digits	11 digits	12 digits	13 digits	14 digits	15 digits	16 digits
		*0103-0 X	*0103-1	*0103-2	*0103-3	*0103-4	*0103-5	*0103-6	*0103-7	*0103-8	*0103-9
	Restriction on outside calls using outside lines on which incoming calls received	Outside dialing restricted	Same content as that programmed outside dialing restriction								
		*0104-0	*0104-1 X								

MODE NO.	FEATURE	OPTION SELECTED										
6	*0111- Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
	*0112- Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
	*0113- Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
	*0114- Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨
		0	1	2	3	4	5	6	7	8	9	▨
												▨

MODE NO.	FEATURE	OPTION SELECTED										
6	*0115-	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
	Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
	*0116-	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
	Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
	*0117-	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
	Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
	*0118-	0	1	2	3	4	5	6	7	8	9	F: Clear
												X
	Restriction release by specified dial code (1 + area)	0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	
		0	1	2	3	4	5	6	7	8	9	

COL setting

COL 1

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial *0101-0 X	Pulse dial *0101-1
	Kind of outside line connected to the system (COL or PBX)	COL *0102-0 X	PBX *0102-1
	Specification for automatic connecting to outside lines	Not designated *0103-0 X	Designated *0103-1
	Tone dialing signal duration	80 m sec *0104-0 X	240 m sec *0104-1
	Minimum pause for tone dialing signal	80 m sec *0105-0 X	160 m sec *0105-1
	Detection time of incoming ring signal	6 sec *0106-0 X	8 sec *0106-1

COL 2

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone *0201-0 X	Pulse *0201-1
	Kind of outside line connected to the system (COL or PBX)	COL *0202-0 X	PBX *0202-1
	Specification for automatic connecting to outside lines	Not designated *0203-0 X	Designated *0203-1
	Tone dialing signal duration	80 m sec *0204-0 X	240 m sec *0204-1
	Minimum pause for tone dialing signal	80 m sec *0205-0 X	160 m sec *0205-1
	Detection time of incoming ring signal	6 sec *0206-0 X	8 sec *0206-1

COL 3

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0301-0 X	*0301-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0302-0 X	*0302-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0303-0 X	*0303-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0304-0 X	*0304-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0305-0 X	*0305-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0306-0 X	*0306-1

COL 4

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0401-0 X	*0401-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0402-0 X	*0402-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0403-0 X	*0403-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0404-0 X	*0404-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0405-0 X	*0405-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0406-0 X	*0406-1

COL 5

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0501-0 X	*0501-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0502-0 X	*0502-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0503-0 X	*0503-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0504-0 X	*0504-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0505-0 X	*0505-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0506-0 X	*0506-1

COL 6

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0601-0 X	*0601-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0602-0 X	*0602-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0603-0 X	*0603-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0604-0 X	*0604-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0605-0 X	*0605-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0606-0 X	*0606-1

COL 7

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0701-0 X	*0701-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0702-0 X	*0702-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0703-0 X	*0703-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0704-0 X	*0704-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0705-0 X	*0705-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0706-0 X	*0706-1

COL 8

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		*0801-0 X	*0801-1
	Kind of outside line connected to the system (COL or PBX)	COL	PBX
		*0802-0 X	*0802-1
	Specification for automatic connecting to outside lines	Not designated	Designated
		*0803-0 X	*0803-1
	Tone dialing signal duration	80 m sec	240 m sec
		*0804-0 X	*0804-1
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		*0805-0 X	*0805-1
	Detection time of incoming ring signal	6 sec	8 sec
		*0806-0 X	*0806-1

COL 9 (OPTION)

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		※0901-0 X	※0901-1
	Kind outside the connected to the system (COL or PBX)	COL	PBX
		※0902-0 X	※0902-0
	Specification for automatic connecting to outside lines	Not designated	Designated
		※0903-0 X	※0903-0
	Tone dialing signal duration	80 m sec	240 m sec
		※0904-0 X	※0904-0
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		※0905-0 X	※0905-0
	Detection time of incoming ring signal	6 sec	8 sec
		※0906-0 X	※0906-0

COL 10 (OPTION)

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial	Pulse dial
		※1001-0 X	※1001-1
	Kind outside the connected to the system (COL or PBX)	COL	PBX
		※1002-0 X	※1002-0
	Specification for automatic connecting to outside lines	Not designated	Designated
		※1003-0 X	※1003-0
	Tone dialing signal duration	80 m sec	240 m sec
		※1004-0 X	※1004-0
	Minimum pause for tone dialing signal	80 m sec	160 m sec
		※1005-0 X	※1005-0
	Detection time of incoming ring signal	6 sec	8 sec
		※1006-0 X	※1006-0

COL 11 (OPTION)

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial ※1101-0 X	Pulse dial ※1101-1
	Kind outside the connected to the system (COL or PBX)	COL ※1102-0 X	PBX ※1102-0
	Specification for automatic connecting to outside lines	Not designated ※1103-0 X	Designated ※1103-0
	Tone dialing signal duration	80 m sec ※1104-0 X	240 m sec ※1104-0
	Minimum pause for tone dialing signal	80 m sec ※1105-0 X	160 m sec ※1105-0
	Detection time of incoming ring signal	6 sec ※1106-0 X	8 sec ※1106-0

COL 12 (OPTION)

Tel. No. :

MODE NO.	FEATURE	OPTION SELECTED	
2	Dialing system for outside calls	Tone dial ※1201-0 X	Pulse dial ※1201-1
	Kind outside the connected to the system (COL or PBX)	COL ※1202-0 X	PBX ※1202-0
	Specification for automatic connecting to outside lines	Not designated ※1203-0 X	Designated ※1203-0
	Tone dialing signal duration	80 m sec ※1204-0 X	240 m sec ※1204-0
	Minimum pause for tone dialing signal	80 m sec ※1205-0 X	160 m sec ※1205-0
	Detection time of incoming ring signal	6 sec ※1206-0 X	8 sec ※1206-0

Extension No. 12

Room name:

MODE NO.	FEATURE	OPTION SELECTED	COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※1201-	X											
		Line key 2 ※1202-		X										
		Line key 3 ※1203-			X									
		Line key 4 ※1204-				X								
		Line key 5 ※1205-					X							
		Line key 6 ※1206-						X						
		Line key 7 ※1207-							X					
		Line key 8 ※1208-								X				
		Line key 9 ※1209-									X			
		Line key 10 ※1210-										X		
		Line key 11 ※1211-											X	
		Line key 12 ※1212-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※1201-0 X	※1201-1
		COL 2	※1202-0 X	※1202-1
		COL 3	※1203-0 X	※1203-1
		COL 4	※1204-0 X	※1204-1
		COL 5	※1205-0 X	※1205-1
		COL 6	※1206-0 X	※1206-1
		COL 7	※1207-0 X	※1207-1
		COL 8	※1208-0 X	※1208-1
		COL 9	※1209-0 X	※1209-1
		COL 10	※1210-0 X	※1210-1
		COL 11	※1211-0 X	※1211-1
		COL 12	※1212-0 X	※1212-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※1202-0	※1202-1	※1202-2 X	※1202-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※1206-0	※1206-1	※1206-2	※1206-3 X

Extension No. 12

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone ※ 1207-0 X		Alarm tone ring ※ 1207-1	
	Zone paging	No paging ※ 1205-0	Zone 1 ※ 1205-1 X	Zone 2 ※ 1205-2	Zone 3 ※ 1205-3
	Use of system speed dial group	Neither group A nor group B usable ※ 1201-0	Only group A usable ※ 1201-1	Only group B usable ※ 1201-2	Both groups A and B usable ※ 1201-3 X
	Flexible night service setting	Can not set night mode ※ 1203-0 X		Can set night mode ※ 1203-1	
	Receiving incoming calls in nighttime call mode	No night ring ※ 1204-0 X		Have night ring ※ 1204-1	
	Privacy override for outside call	Privacy ※ 1209-0 X		No privacy ※ 1209-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 1201-1X	※ 1201-2X	※ 1201-3X	※ 1201-4X X
			Night time	※ 1201-X1	※ 1201-X2	※ 1201-X3	※ 1201-X4 X
		COL 2	Daytime	※ 1202-1X	※ 1202-2X	※ 1202-3X	※ 1202-4X X
			Night time	※ 1202-X1	※ 1202-X2	※ 1202-X3	※ 1202-X4 X
		COL 3	Daytime	※ 1203-1X	※ 1203-2X	※ 1203-3X	※ 1203-4X X
			Night time	※ 1203-X1	※ 1203-X2	※ 1203-X3	※ 1203-X4 X
		COL 4	Daytime	※ 1204-1X	※ 1204-2X	※ 1204-3X	※ 1204-4X X
			Night time	※ 1204-X1	※ 1204-X2	※ 1204-X3	※ 1204-X4 X
		COL 5	Daytime	※ 1205-1X	※ 1205-2X	※ 1205-3X	※ 1205-4X X
			Night time	※ 1205-X1	※ 1205-X2	※ 1205-X3	※ 1205-X4 X
		COL 6	Daytime	※ 1206-1X	※ 1206-2X	※ 1206-3X	※ 1206-4X X
			Night time	※ 1206-X1	※ 1206-X2	※ 1206-X3	※ 1206-X4 X
		COL 7	Daytime	※ 1207-1X	※ 1207-2X	※ 1207-3X	※ 1207-4X X
			Night time	※ 1207-X1	※ 1207-X2	※ 1207-X3	※ 1207-X4 X
		COL 8	Daytime	※ 1208-1X	※ 1208-2X	※ 1208-3X	※ 1208-4X X
			Night time	※ 1208-X1	※ 1208-X2	※ 1208-X3	※ 1208-X4 X
		COL 9	Daytime	※ 1209-1X	※ 1209-2X	※ 1209-3X	※ 1209-4X X
			Night time	※ 1209-X1	※ 1209-X2	※ 1209-X3	※ 1209-X4 X
		COL 10	Daytime	※ 1210-1X	※ 1210-2X	※ 1210-3X	※ 1210-4X X
			Night time	※ 1210-X1	※ 1210-X2	※ 1210-X3	※ 1210-X4 X
		COL 11	Daytime	※ 1211-1X	※ 1211-2X	※ 1211-3X	※ 1211-4X X
			Night time	※ 1211-X1	※ 1211-X2	※ 1211-X3	※ 1211-X4 X
		COL 12	Daytime	※ 1212-1X	※ 1212-2X	※ 1212-3X	※ 1212-4X X
			Night time	※ 1212-X1	※ 1212-X2	※ 1212-X3	※ 1212-X4 X
	Restriction on outside calls by system speed dial	Not Restricted ※ 0212-0			Restricted ※ 0212-1 X		

Extension No. 13

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
		Key telephone	Direct station selector
3	Telephone type	※ 1308-0 X	※ 1308-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※1301-	X											
		Line key 2 ※1302-		X										
		Line key 3 ※1303-			X									
		Line key 4 ※1304-				X								
		Line key 5 ※1305-					X							
		Line key 6 ※1306-						X						
		Line key 7 ※1307-							X					
		Line key 8 ※1308-								X				
		Line key 9 ※1309-									X			
		Line key 10 ※1310-										X		
		Line key 11 ※1311-											X	
		Line key 12 ※1312-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※1301-0 X	※1301-1
		COL 2	※1302-0 X	※1302-1
		COL 3	※1303-0 X	※1303-1
		COL 4	※1304-0 X	※1304-1
		COL 5	※1305-0 X	※1305-1
		COL 6	※1306-0 X	※1306-1
		COL 7	※1307-0 X	※1307-1
		COL 8	※1308-0 X	※1308-1
		COL 9	※1309-0 X	※1309-1
		COL 10	※1310-0 X	※1310-1
		COL 11	※1311-0 X	※1311-1
		COL 12	※1312-0 X	※1312-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※1302-0	※1302-1	※1302-2 X	※1302-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※1306-0	※1306-1	※1306-2	※1306-3 X

Extension No. 13

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 1307-0 X		※ 1307-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 1305-0	※ 1305-1 X	※ 1305-2	※ 1305-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 1301-0	※ 1301-1	※ 1301-2	※ 1301-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 1303-0 X		※ 1303-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 1304-0 X		※ 1304-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 1309-0 X		※ 1309-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 1301-1X	※ 1301-2X	※ 1301-3X	※ 1301-4X X
			Night time	※ 1301-X1	※ 1301-X2	※ 1301-X3	※ 1301-X4 X
		COL 2	Daytime	※ 1302-1X	※ 1302-2X	※ 1302-3X	※ 1302-4X X
			Night time	※ 1302-X1	※ 1302-X2	※ 1302-X3	※ 1302-X4 X
		COL 3	Daytime	※ 1303-1X	※ 1303-2X	※ 1303-3X	※ 1303-4X X
			Night time	※ 1303-X1	※ 1303-X2	※ 1303-X3	※ 1303-X4 X
		COL 4	Daytime	※ 1304-1X	※ 1304-2X	※ 1304-3X	※ 1304-4X X
			Night time	※ 1304-X1	※ 1304-X2	※ 1304-X3	※ 1304-X4 X
		COL 5	Daytime	※ 1305-1X	※ 1305-2X	※ 1305-3X	※ 1305-4X X
			Night time	※ 1305-X1	※ 1305-X2	※ 1305-X3	※ 1305-X4 X
		COL 6	Daytime	※ 1306-1X	※ 1306-2X	※ 1306-3X	※ 1306-4X X
			Night time	※ 1306-X1	※ 1306-X2	※ 1306-X3	※ 1306-X4 X
		COL 7	Daytime	※ 1307-1X	※ 1307-2X	※ 1307-3X	※ 1307-4X X
			Night time	※ 1307-X1	※ 1307-X2	※ 1307-X3	※ 1307-X4 X
		COL 8	Daytime	※ 1308-1X	※ 1308-2X	※ 1308-3X	※ 1308-4X X
			Night time	※ 1308-X1	※ 1308-X2	※ 1308-X3	※ 1308-X4 X
		COL 9	Daytime	※ 1309-1X	※ 1309-2X	※ 1309-3X	※ 1309-4X X
			Night time	※ 1309-X1	※ 1309-X2	※ 1309-X3	※ 1309-X4 X
		COL 10	Daytime	※ 1310-1X	※ 1310-2X	※ 1310-3X	※ 1310-4X X
			Night time	※ 1310-X1	※ 1310-X2	※ 1310-X3	※ 1310-X4 X
		COL 11	Daytime	※ 1311-1X	※ 1311-2X	※ 1311-3X	※ 1311-4X X
			Night time	※ 1311-X1	※ 1311-X2	※ 1311-X3	※ 1311-X4 X
		COL 12	Daytime	※ 1312-1X	※ 1312-2X	※ 1312-3X	※ 1312-4X X
			Night time	※ 1312-X1	※ 1312-X2	※ 1312-X3	※ 1312-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0213-0			※ 0213-1 X		

Extension No. 14

Room name:

MODE NO.	FEATURE	OPTION SELECTED	COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✻1401-	X											
		Line key 2 ✻1402-		X										
		Line key 3 ✻1403-			X									
		Line key 4 ✻1404-				X								
		Line key 5 ✻1405-					X							
		Line key 6 ✻1406-						X						
		Line key 7 ✻1407-							X					
		Line key 8 ✻1408-								X				
		Line key 9 ✻1409-									X			
		Line key 10 ✻1410-										X		
		Line key 11 ✻1411-											X	
		Line key 12 ✻1412-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✻1401-0 X	✻1401-1
		COL 2	✻1402-0 X	✻1402-1
		COL 3	✻1403-0 X	✻1403-1
		COL 4	✻1404-0 X	✻1404-1
		COL 5	✻1405-0 X	✻1405-1
		COL 6	✻1406-0 X	✻1406-1
		COL 7	✻1407-0 X	✻1407-1
		COL 8	✻1408-0 X	✻1408-1
		COL 9	✻1409-0 X	✻1409-1
		COL 10	✻1410-0 X	✻1410-1
		COL 11	✻1411-0 X	✻1411-1
		COL 12	✻1412-0 X	✻1412-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✻1402-0	✻1402-1	✻1402-2 X	✻1402-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✻1406-0	✻1406-1	✻1406-2	✻1406-3 X

Extension No. 14

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 1407-0 X		※ 1407-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 1405-0	※ 1405-1 X	※ 1405-2	※ 1405-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 1401-0	※ 1401-1	※ 1401-2	※ 1401-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 1403-0 X		※ 1403-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 1404-0 X		※ 1404-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 1409-0 X		※ 1409-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 1401-1X	※ 1401-2X	※ 1401-3X	※ 1401-4X X
			Night time	※ 1401-X1	※ 1401-X2	※ 1401-X3	※ 1401-X4 X
		COL 2	Daytime	※ 1402-1X	※ 1402-2X	※ 1402-3X	※ 1402-4X X
			Night time	※ 1402-X1	※ 1402-X2	※ 1402-X3	※ 1402-X4 X
		COL 3	Daytime	※ 1403-1X	※ 1403-2X	※ 1403-3X	※ 1403-4X X
			Night time	※ 1403-X1	※ 1403-X2	※ 1403-X3	※ 1403-X4 X
		COL 4	Daytime	※ 1404-1X	※ 1404-2X	※ 1404-3X	※ 1404-4X X
			Night time	※ 1404-X1	※ 1404-X2	※ 1404-X3	※ 1404-X4 X
		COL 5	Daytime	※ 1405-1X	※ 1405-2X	※ 1405-3X	※ 1405-4X X
			Night time	※ 1405-X1	※ 1405-X2	※ 1405-X3	※ 1405-X4 X
		COL 6	Daytime	※ 1406-1X	※ 1406-2X	※ 1406-3X	※ 1406-4X X
			Night time	※ 1406-X1	※ 1406-X2	※ 1406-X3	※ 1406-X4 X
		COL 7	Daytime	※ 1407-1X	※ 1407-2X	※ 1407-3X	※ 1407-4X X
			Night time	※ 1407-X1	※ 1407-X2	※ 1407-X3	※ 1407-X4 X
		COL 8	Daytime	※ 1408-1X	※ 1408-2X	※ 1408-3X	※ 1408-4X X
			Night time	※ 1408-X1	※ 1408-X2	※ 1408-X3	※ 1408-X4 X
		COL 9	Daytime	※ 1409-1X	※ 1409-2X	※ 1409-3X	※ 1409-4X X
			Night time	※ 1409-X1	※ 1409-X2	※ 1409-X3	※ 1409-X4 X
		COL 10	Daytime	※ 1410-1X	※ 1410-2X	※ 1410-3X	※ 1410-4X X
			Night time	※ 1410-X1	※ 1410-X2	※ 1410-X3	※ 1410-X4 X
		COL 11	Daytime	※ 1411-1X	※ 1411-2X	※ 1411-3X	※ 1411-4X X
			Night time	※ 1411-X1	※ 1411-X2	※ 1411-X3	※ 1411-X4 X
		COL 12	Daytime	※ 1412-1X	※ 1412-2X	※ 1412-3X	※ 1412-4X X
			Night time	※ 1412-X1	※ 1412-X2	※ 1412-X3	※ 1412-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0214-0			※ 0214-1 X		

Extension No. 15

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ※ 1508-0 X	Direct station selector ※ 1508-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※1501-	X											
		Line key 2 ※1502-		X										
		Line key 3 ※1503-			X									
		Line key 4 ※1504-				X								
		Line key 5 ※1505-					X							
		Line key 6 ※1506-						X						
		Line key 7 ※1507-							X					
		Line key 8 ※1508-								X				
		Line key 9 ※1509-									X			
		Line key 10 ※1510-										X		
		Line key 11 ※1511-											X	
		Line key 12 ※1512-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※1501-0 X	※1501-1
		COL 2	※1502-0 X	※1502-1
		COL 3	※1503-0 X	※1503-1
		COL 4	※1504-0 X	※1504-1
		COL 5	※1505-0 X	※1505-1
		COL 6	※1506-0 X	※1506-1
		COL 7	※1507-0 X	※1507-1
		COL 8	※1508-0 X	※1508-1
		COL 9	※1509-0 X	※1509-1
		COL 10	※1510-0 X	※1510-1
		COL 11	※1511-0 X	※1511-1
		COL 12	※1512-0 X	※1512-1

MODE NO.	FEATURE				
-	Interrupting incoming calls during conversation	No ring ※1502-0	Intercom incoming ring only ※1502-1	COL incoming ring only ※1502-2 X	Intercom and COL incoming ring ※1502-3
3	Incoming calls from door box	No door box ring ※1506-0	Only door box A will ring ※1506-1	Only door box B will ring ※1506-2	Both door boxes A and B will ring ※1506-3 X

Extension No. 15

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※1507-0 X		※1507-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※1505-0	※1505-1 X	※1505-2	※1505-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※1501-0	※1501-1	※1501-2	※1501-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※1503-0 X		※1503-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※1504-0 X		※1504-1	
	Privacy override for outside call	Privacy		No privacy	
		※1509-0 X		※1509-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※1501-1X	※1501-2X	※1501-3X	※1501-4X X
			Night time	※1501-X1	※1501-X2	※1501-X3	※1501-X4 X
		COL 2	Daytime	※1502-1X	※1502-2X	※1502-3X	※1502-4X X
			Night time	※1502-X1	※1502-X2	※1502-X3	※1502-X4 X
		COL 3	Daytime	※1503-1X	※1503-2X	※1503-3X	※1503-4X X
			Night time	※1503-X1	※1503-X2	※1503-X3	※1503-X4 X
		COL 4	Daytime	※1504-1X	※1504-2X	※1504-3X	※1504-4X X
			Night time	※1504-X1	※1504-X2	※1504-X3	※1504-X4 X
		COL 5	Daytime	※1505-1X	※1505-2X	※1505-3X	※1505-4X X
			Night time	※1505-X1	※1505-X2	※1505-X3	※1505-X4 X
		COL 6	Daytime	※1506-1X	※1506-2X	※1506-3X	※1506-4X X
			Night time	※1506-X1	※1506-X2	※1506-X3	※1506-X4 X
		COL 7	Daytime	※1507-1X	※1507-2X	※1507-3X	※1507-4X X
			Night time	※1507-X1	※1507-X2	※1507-X3	※1507-X4 X
		COL 8	Daytime	※1508-1X	※1508-2X	※1508-3X	※1508-4X X
			Night time	※1508-X1	※1508-X2	※1508-X3	※1508-X4 X
		COL 9	Daytime	※1509-1X	※1509-2X	※1509-3X	※1509-4X X
			Night time	※1509-X1	※1509-X2	※1509-X3	※1509-X4 X
		COL 10	Daytime	※1510-1X	※1510-2X	※1510-3X	※1510-4X X
			Night time	※1510-X1	※1510-X2	※1510-X3	※1510-X4 X
		COL 11	Daytime	※1511-1X	※1511-2X	※1511-3X	※1511-4X X
			Night time	※1511-X1	※1511-X2	※1511-X3	※1511-X4 X
		COL 12	Daytime	※1512-1X	※1512-2X	※1512-3X	※1512-4X X
			Night time	※1512-X1	※1512-X2	※1512-X3	※1512-X4 X

6	Restriction on outside calls by system speed dial	Not Restricted	Restricted
		※0215-0	※0215-1 X

Extension No. 16

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✻1601-	X											
		Line key 2 ✻1602-		X										
		Line key 3 ✻1603-			X									
		Line key 4 ✻1604-				X								
		Line key 5 ✻1605-					X							
		Line key 6 ✻1606-						X						
		Line key 7 ✻1607-							X					
		Line key 8 ✻1608-								X				
		Line key 9 ✻1609-									X			
		Line key 10 ✻1610-										X		
		Line key 11 ✻1611-											X	
		Line key 12 ✻1612-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✻1601-0 X	✻1601-1
		COL 2	✻1602-0 X	✻1602-1
		COL 3	✻1603-0 X	✻1603-1
		COL 4	✻1604-0 X	✻1604-1
		COL 5	✻1605-0 X	✻1605-1
		COL 6	✻1606-0 X	✻1606-1
		COL 7	✻1607-0 X	✻1607-1
		COL 8	✻1608-0 X	✻1608-1
		COL 9	✻1609-0 X	✻1609-1
		COL 10	✻1610-0 X	✻1610-1
		COL 11	✻1611-0 X	✻1611-1
		COL 12	✻1612-0 X	✻1612-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✻1602-0	✻1602-1	✻1602-2 X	✻1602-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✻1606-0	✻1606-1	✻1606-2	✻1606-3 X

Extension No. 16

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※1607-0 X		※1607-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※1605-0	※1605-1 X	※1605-2	※1605-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※1601-0	※1601-1	※1601-2	※1601-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※1603-0 X		※1603-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※1604-0 X		※1604-1	
	Privacy override for outside call	Privacy		No privacy	
		※1609-0 X		※1609-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※1601-1X	※1601-2X	※1601-3X	※1601-4X X
			Night time	※1601-X1	※1601-X2	※1601-X3	※1601-X4 X
		COL 2	Daytime	※1602-1X	※1602-2X	※1602-3X	※1602-4X X
			Night time	※1602-X1	※1602-X2	※1602-X3	※1602-X4 X
		COL 3	Daytime	※1603-1X	※1603-2X	※1603-3X	※1603-4X X
			Night time	※1603-X1	※1603-X2	※1603-X3	※1603-X4 X
		COL 4	Daytime	※1604-1X	※1604-2X	※1604-3X	※1604-4X X
			Night time	※1604-X1	※1604-X2	※1604-X3	※1604-X4 X
		COL 5	Daytime	※1605-1X	※1605-2X	※1605-3X	※1605-4X X
			Night time	※1605-X1	※1605-X2	※1605-X3	※1605-X4 X
		COL 6	Daytime	※1606-1X	※1606-2X	※1606-3X	※1606-4X X
			Night time	※1606-X1	※1606-X2	※1606-X3	※1606-X4 X
		COL 7	Daytime	※1607-1X	※1607-2X	※1607-3X	※1607-4X X
			Night time	※1607-X1	※1607-X2	※1607-X3	※1607-X4 X
		COL 8	Daytime	※1608-1X	※1608-2X	※1608-3X	※1608-4X X
			Night time	※1608-X1	※1608-X2	※1608-X3	※1608-X4 X
		COL 9	Daytime	※1609-1X	※1609-2X	※1609-3X	※1609-4X X
			Night time	※1609-X1	※1609-X2	※1609-X3	※1609-X4 X
		COL 10	Daytime	※1610-1X	※1610-2X	※1610-3X	※1610-4X X
			Night time	※1610-X1	※1610-X2	※1610-X3	※1610-X4 X
		COL 11	Daytime	※1611-1X	※1611-2X	※1611-3X	※1611-4X X
			Night time	※1611-X1	※1611-X2	※1611-X3	※1611-X4 X
		COL 12	Daytime	※1612-1X	※1612-2X	※1612-3X	※1612-4X X
			Night time	※1612-X1	※1612-X2	※1612-X3	※1612-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0216-0			※0216-1 X		

Extension No. 17

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
		Key telephone	Direct station selector
3	Telephone type	✱ 1708-0 X	✱ 1708-2

MODE NO.	FEATURE		COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱1701-	X											
		Line key 2 ✱1702-		X										
		Line key 3 ✱1703-			X									
		Line key 4 ✱1704-				X								
		Line key 5 ✱1175-					X							
		Line key 6 ✱1706-						X						
		Line key 7 ✱1707-							X					
		Line key 8 ✱1708-								X				
		Line key 9 ✱1709-									X			
		Line key 10 ✱1710-										X		
		Line key 11 ✱1711-											X	
		Line key 12 ✱1712-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱1701-0 X	✱1701-1
		COL 2	✱1702-0 X	✱1702-1
		COL 3	✱1703-0 X	✱1703-1
		COL 4	✱1704-0 X	✱1704-1
		COL 5	✱1705-0 X	✱1705-1
		COL 6	✱1706-0 X	✱1106-1
		COL 7	✱1707-0 X	✱1707-1
		COL 8	✱1708-0 X	✱1708-1
		COL 9	✱1709-0 X	✱1709-1
		COL 10	✱1710-0 X	✱1710-1
		COL 11	✱1711-0 X	✱1711-1
		COL 12	✱1712-0 X	✱1712-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring ✱1702-0	Intercom incoming ring only ✱1702-1	COL incoming ring only ✱1702-2 X	Intercom and COL incoming ring ✱1702-3
	Incoming calls from door box	No door box ring ✱1706-0	Only door box A will ring ✱1706-1	Only door box B will ring ✱1706-2	Both door boxes A and B will ring ✱1706-3 X

Extension No. 17

MODE NO.	FEATURE	OPTION SELECTED					
3	Receiving calls from sensor	No alarm tone	Alarm tone ring				
		※ 1707-0 X	※ 1707-1				
	Zone paging	No paging	Zone 1	Zone 2	Zone 3		
		※ 1705-0	※ 1705-1 X	※ 1705-2	※ 1705-3		
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable		
		※ 1701-0	※ 1701-1	※ 1701-2	※ 1701-3 X		
	Flexible night service setting	Can not set night mode	Can set night mode				
		※ 1703-0 X	※ 1703-1				
	Receiving incoming calls in nighttime call mode	No night ring	Have night ring				
		※ 1704-0 X	※ 1704-1				
	Privacy override for outside call	Privacy	No privacy				
		※ 1709-0 X	※ 1709-1				
6	Outside dialing restriction class			Class 1	Class 2	Class 3	Class 4
		COL 1	Daytime	※ 1701-1X	※ 1701-2X	※ 1701-3X	※ 1701-4X X
			Night time	※ 1701-X1	※ 1701-X2	※ 1701-X3	※ 1701-X4 X
		COL 2	Daytime	※ 1702-1X	※ 1702-2X	※ 1702-3X	※ 1702-4X X
			Night time	※ 1702-X1	※ 1702-X2	※ 1702-X3	※ 1702-X4 X
		COL 3	Daytime	※ 1703-1X	※ 1703-2X	※ 1703-3X	※ 1703-4X X
			Night time	※ 1703-X1	※ 1703-X2	※ 1703-X3	※ 1703-X4 X
		COL 4	Daytime	※ 1704-1X	※ 1704-2X	※ 1704-3X	※ 1704-4X X
			Night time	※ 1704-X1	※ 1704-X2	※ 1704-X3	※ 1704-X4 X
		COL 5	Daytime	※ 1705-1X	※ 1705-2X	※ 1705-3X	※ 1705-4X X
			Night time	※ 1705-X1	※ 1705-X2	※ 1705-X3	※ 1705-X4 X
		COL 6	Daytime	※ 1706-1X	※ 1706-2X	※ 1706-3X	※ 1706-4X X
			Night time	※ 1706-X1	※ 1706-X2	※ 1706-X3	※ 1706-X4 X
		COL 7	Daytime	※ 1707-1X	※ 1707-2X	※ 1707-3X	※ 1707-4X X
			Night time	※ 1707-X1	※ 1707-X2	※ 1707-X3	※ 1707-X4 X
		COL 8	Daytime	※ 1708-1X	※ 1708-2X	※ 1708-3X	※ 1708-4X X
			Night time	※ 1708-X1	※ 1708-X2	※ 1708-X3	※ 1708-X4 X
		COL 9	Daytime	※ 1709-1X	※ 1709-2X	※ 1709-3X	※ 1709-4X X
			Night time	※ 1709-X1	※ 1709-X2	※ 1709-X3	※ 1709-X4 X
		COL 10	Daytime	※ 1710-1X	※ 1710-2X	※ 1710-3X	※ 1710-4X X
			Night time	※ 1710-X1	※ 1710-X2	※ 1710-X3	※ 1710-X4 X
		COL 11	Daytime	※ 1711-1X	※ 1711-2X	※ 1711-3X	※ 1711-4X X
			Night time	※ 1711-X1	※ 1711-X2	※ 1711-X3	※ 1711-X4 X
		COL 12	Daytime	※ 1712-1X	※ 1712-2X	※ 1712-3X	※ 1712-4X X
			Night time	※ 1712-X1	※ 1712-X2	※ 1712-X3	※ 1712-X4 X
	Restriction on outside calls by system speed dial	Not Restricted	Restricted				
		※ 0217-0	※ 0217-1 X				

Extension No. 18

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※1801-	X											
		Line key 2 ※1802-		X										
		Line key 3 ※1803-			X									
		Line key 4 ※1804-				X								
		Line key 5 ※1805-					X							
		Line key 6 ※1806-						X						
		Line key 7 ※1807-							X					
		Line key 8 ※1808-								X				
		Line key 9 ※1809-									X			
		Line key 10 ※1810-										X		
		Line key 11 ※1811-											X	
		Line key 12 ※1812-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※1801-0 X	※1801-1
		COL 2	※1802-0 X	※1802-1
		COL 3	※1803-0 X	※1803-1
		COL 4	※1804-0 X	※1804-1
		COL 5	※1805-0 X	※1805-1
		COL 6	※1806-0 X	※1806-1
		COL 7	※1807-0 X	※1807-1
		COL 8	※1808-0 X	※1808-1
		COL 9	※1809-0 X	※1809-1
		COL 10	※1810-0 X	※1810-1
		COL 11	※1811-0 X	※1811-1
		COL 12	※1812-0 X	※1812-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※1802-0	※1802-1	※1802-2 X	※1802-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※1806-0	※1806-1	※1806-2	※1806-3 X

Extension No. 18

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※1807-0 X		※1807-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※1805-0	※1805-1 X	※1805-2	※1805-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※1801-0	※1801-1	※1801-2	※1801-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※1803-0 X		※1803-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※1804-0 X		※1804-1	
	Privacy override for outside call	Privacy		No privacy	
		※1809-0 X		※1809-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※1801-1X	※1801-2X	※1801-3X	※1801-4X X
			Night time	※1801-X1	※1801-X2	※1801-X3	※1801-X4 X
		COL 2	Daytime	※1802-1X	※1802-2X	※1802-3X	※1802-4X X
			Night time	※1802-X1	※1802-X2	※1802-X3	※1802-X4 X
		COL 3	Daytime	※1803-1X	※1803-2X	※1803-3X	※1803-4X X
			Night time	※1803-X1	※1803-X2	※1803-X3	※1803-X4 X
		COL 4	Daytime	※1804-1X	※1804-2X	※1804-3X	※1804-4X X
			Night time	※1804-X1	※1804-X2	※1804-X3	※1804-X4 X
		COL 5	Daytime	※1805-1X	※1805-2X	※1805-3X	※1805-4X X
			Night time	※1805-X1	※1805-X2	※1805-X3	※1805-X4 X
		COL 6	Daytime	※1806-1X	※1806-2X	※1806-3X	※1806-4X X
			Night time	※1806-X1	※1806-X2	※1806-X3	※1806-X4 X
		COL 7	Daytime	※1807-1X	※1807-2X	※1807-3X	※1807-4X X
			Night time	※1807-X1	※1807-X2	※1807-X3	※1807-X4 X
		COL 8	Daytime	※1808-1X	※1808-2X	※1808-3X	※1808-4X X
			Night time	※1808-X1	※1808-X2	※1808-X3	※1808-X4 X
		COL 9	Daytime	※1809-1X	※1809-2X	※1809-3X	※1809-4X X
			Night time	※1809-X1	※1809-X2	※1809-X3	※1809-X4 X
		COL 10	Daytime	※1810-1X	※1810-2X	※1810-3X	※1810-4X X
			Night time	※1810-X1	※1810-X2	※1810-X3	※1810-X4 X
		COL 11	Daytime	※1811-1X	※1811-2X	※1811-3X	※1811-4X X
			Night time	※1811-X1	※1811-X2	※1811-X3	※1811-X4 X
		COL 12	Daytime	※1812-1X	※1812-2X	※1812-3X	※1812-4X X
			Night time	※1812-X1	※1812-X2	※1812-X3	※1812-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0218-0			※0218-1 X		

Extension No. 19

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ✱ 1908-0 X	Direct station selector ✱ 1908-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱1901-	X											
		Line key 2 ✱1902-		X										
		Line key 3 ✱1903-			X									
		Line key 4 ✱1904-				X								
		Line key 5 ✱1905-					X							
		Line key 6 ✱1906-						X						
		Line key 7 ✱1907-							X					
		Line key 8 ✱1908-								X				
		Line key 9 ✱1909-									X			
		Line key 10 ✱1910-										X		
		Line key 11 ✱1911-											X	
		Line key 12 ✱1912-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱1901-0 X	✱1901-1
		COL 2	✱1902-0 X	✱1902-1
		COL 3	✱1903-0 X	✱1903-1
		COL 4	✱1904-0 X	✱1904-1
		COL 5	✱1905-0 X	✱1905-1
		COL 6	✱1906-0 X	✱1906-1
		COL 7	✱1907-0 X	✱1907-1
		COL 8	✱1908-0 X	✱1908-1
		COL 9	✱1909-0 X	✱1909-1
		COL 10	✱1910-0 X	✱1910-1
		COL 11	✱1911-0 X	✱1911-1
		COL 12	✱1912-0 X	✱1912-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring ✱1902-0	Intercom incoming ring only ✱1902-1	COL incoming ring only ✱1902-2 X	Intercom and COL incoming ring ✱1902-3
	Incoming calls from door box	No door box ring ✱1906-0	Only door box A will ring ✱1906-1	Only door box B will ring ✱1906-2	Both door boxes A and B will ring ✱1906-3 X

Extension No. 19

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 1907-0 X		※ 1907-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 1905-0	※ 1905-1 X	※ 1905-2	※ 1905-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 1901-0	※ 1901-1	※ 1901-2	※ 1901-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 1903-0 X		※ 1903-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 1904-0 X		※ 1904-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 1909-0 X		※ 1909-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 1901-1X	※ 1901-2X	※ 1901-3X	※ 1901-4X X
			Night time	※ 1901-X1	※ 1901-X2	※ 1901-X3	※ 1901-X4 X
		COL 2	Daytime	※ 1902-1X	※ 1902-2X	※ 1902-3X	※ 1902-4X X
			Night time	※ 1902-X1	※ 1902-X2	※ 1902-X3	※ 1902-X4 X
		COL 3	Daytime	※ 1903-1X	※ 1903-2X	※ 1903-3X	※ 1903-4X X
			Night time	※ 1903-X1	※ 1903-X2	※ 1903-X3	※ 1903-X4 X
		COL 4	Daytime	※ 1904-1X	※ 1904-2X	※ 1904-3X	※ 1904-4X X
			Night time	※ 1904-X1	※ 1904-X2	※ 1904-X3	※ 1904-X4 X
		COL 5	Daytime	※ 1905-1X	※ 1905-2X	※ 1905-3X	※ 1905-4X X
			Night time	※ 1905-X1	※ 1905-X2	※ 1905-X3	※ 1905-X4 X
		COL 6	Daytime	※ 1906-1X	※ 1906-2X	※ 1906-3X	※ 1906-4X X
			Night time	※ 1906-X1	※ 1906-X2	※ 1906-X3	※ 1906-X4 X
		COL 7	Daytime	※ 1907-1X	※ 1907-2X	※ 1907-3X	※ 1907-4X X
			Night time	※ 1907-X1	※ 1907-X2	※ 1907-X3	※ 1907-X4 X
		COL 8	Daytime	※ 1908-1X	※ 1908-2X	※ 1908-3X	※ 1908-4X X
			Night time	※ 1908-X1	※ 1908-X2	※ 1908-X3	※ 1908-X4 X
		COL 9	Daytime	※ 1909-1X	※ 1909-2X	※ 1909-3X	※ 1909-4X X
			Night time	※ 1909-X1	※ 1909-X2	※ 1909-X3	※ 1909-X4 X
		COL 10	Daytime	※ 1910-1X	※ 1910-2X	※ 1910-3X	※ 1910-4X X
			Night time	※ 1910-X1	※ 1910-X2	※ 1910-X3	※ 1910-X4 X
		COL 11	Daytime	※ 1911-1X	※ 1911-2X	※ 1911-3X	※ 1911-4X X
			Night time	※ 1911-X1	※ 1911-X2	※ 1911-X3	※ 1911-X4 X
		COL 12	Daytime	※ 1912-1X	※ 1912-2X	※ 1912-3X	※ 1912-4X X
			Night time	※ 1912-X1	※ 1912-X2	※ 1912-X3	※ 1912-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0219-0			※ 0219-1 X		

Extension No. 20

Room name:

MODE NO.	FEATURE	OPTION SELECTED												
			COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2001-	X											
		Line key 2 ※2002-		X										
		Line key 3 ※2003-			X									
		Line key 4 ※2004-				X								
		Line key 5 ※2005-					X							
		Line key 6 ※2006-						X						
		Line key 7 ※2007-							X					
		Line key 8 ※2008-								X				
		Line key 9 ※2009-									X			
		Line key 10 ※2010-										X		
		Line key 11 ※2011-											X	
		Line key 12 ※2012-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2001-0 X	※2001-1
		COL 2	※2002-0 X	※2002-1
		COL 3	※2003-0 X	※2003-1
		COL 4	※2004-0 X	※2004-1
		COL 5	※2005-0 X	※2005-1
		COL 6	※2006-0 X	※2006-1
		COL 7	※2007-0 X	※2007-1
		COL 8	※2008-0 X	※2008-1
		COL 9	※2009-0 X	※2009-1
		COL 10	※2010-0 X	※2010-1
		COL 11	※2011-0 X	※2011-1
		COL 12	※2012-0 X	※2012-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※2002-0	※2002-1	※2002-2 X	※2002-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※2006-0	※2006-1	※2006-2	※2006-3 X

Extension No. 20

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2007-0 X		※ 2007-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2005-0	※ 2005-1 X	※ 2005-2	※ 2005-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2001-0	※ 2001-1	※ 2001-2	※ 2001-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2003-0 X		※ 2003-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2004-0 X		※ 2004-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2009-0 X		※ 2009-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2001-1X	※ 2001-2X	※ 2001-3X	※ 2001-4X X
			Night time	※ 2001-X1	※ 2001-X2	※ 2001-X3	※ 2001-X4 X
		COL 2	Daytime	※ 2002-1X	※ 2002-2X	※ 2002-3X	※ 2002-4X X
			Night time	※ 2002-X1	※ 2002-X2	※ 2002-X3	※ 2002-X4 X
		COL 3	Daytime	※ 2003-1X	※ 2003-2X	※ 2003-3X	※ 2003-4X X
			Night time	※ 2003-X1	※ 2003-X2	※ 2003-X3	※ 2003-X4 X
		COL 4	Daytime	※ 2004-1X	※ 2004-2X	※ 2004-3X	※ 2004-4X X
			Night time	※ 2004-X1	※ 2004-X2	※ 2004-X3	※ 2004-X4 X
		COL 5	Daytime	※ 2005-1X	※ 2005-2X	※ 2005-3X	※ 2005-4X X
			Night time	※ 2005-X1	※ 2005-X2	※ 2005-X3	※ 2005-X4 X
		COL 6	Daytime	※ 2006-1X	※ 2006-2X	※ 2006-3X	※ 2006-4X X
			Night time	※ 2006-X1	※ 2006-X2	※ 2006-X3	※ 2006-X4 X
		COL 7	Daytime	※ 2007-1X	※ 2007-2X	※ 2007-3X	※ 2007-4X X
			Night time	※ 2007-X1	※ 2007-X2	※ 2007-X3	※ 2007-X4 X
		COL 8	Daytime	※ 2008-1X	※ 2008-2X	※ 2008-3X	※ 2008-4X X
			Night time	※ 2008-X1	※ 2008-X2	※ 2008-X3	※ 2008-X4 X
		COL 9	Daytime	※ 2009-1X	※ 2009-2X	※ 2009-3X	※ 2009-4X X
			Night time	※ 2009-X1	※ 2009-X2	※ 2009-X3	※ 2009-X4 X
		COL 10	Daytime	※ 2010-1X	※ 2010-2X	※ 2010-3X	※ 2010-4X X
			Night time	※ 2010-X1	※ 2010-X2	※ 2010-X3	※ 2010-X4 X
		COL 11	Daytime	※ 2011-1X	※ 2011-2X	※ 2011-3X	※ 2011-4X X
			Night time	※ 2011-X1	※ 2011-X2	※ 2011-X3	※ 2011-X4 X
		COL 12	Daytime	※ 2012-1X	※ 2012-2X	※ 2012-3X	※ 2012-4X X
			Night time	※ 2012-X1	※ 2012-X2	※ 2012-X3	※ 2012-X4 X

6	Restriction on outside calls by system speed dial	Not Restricted	Restricted
		※ 0220-0	※ 0220-1 X

Extension No. 21

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ※ 2108-0 X	Direct station selector ※ 2108-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2101-	X											
		Line key 2 ※2102-		X										
		Line key 3 ※2103-			X									
		Line key 4 ※2104-				X								
		Line key 5 ※2105-					X							
		Line key 6 ※2106-						X						
		Line key 7 ※2107-							X					
		Line key 8 ※2108-								X				
		Line key 9 ※2109-									X			
		Line key 10 ※2110-										X		
		Line key 11 ※2111-											X	
		Line key 12 ※2112-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2101-0 X	※2101-1
		COL 2	※2102-0 X	※2102-1
		COL 3	※2103-0 X	※2103-1
		COL 4	※2104-0 X	※2104-1
		COL 5	※2105-0 X	※2105-1
		COL 6	※2106-0 X	※2106-1
		COL 7	※2107-0 X	※2107-1
		COL 8	※2108-0 X	※2108-1
		COL 9	※2109-0 X	※2109-1
		COL 10	※2110-0 X	※2110-1
		COL 11	※2111-0 X	※2111-1
		COL 12	※2112-0 X	※2112-1

MODE NO.	FEATURE				
- 3	Interrupting incoming calls during conversation	No ring ※2102-0	Intercom incoming ring only ※2102-1	COL incoming ring only ※2102-2 X	Intercom and COL incoming ring ※2102-3
	Incoming calls from door box	No door box ring ※2106-0	Only door box A will ring ※2106-1	Only door box B will ring ※2106-2	Both door boxes A and B will ring ※2106-3 X

Extension No. 21

MODE NO.	FEATURE			OPTION SELECTED			
3	Receiving calls from sensor			No alarm tone		Alarm tone ring	
				※2107-0 X		※2107-1	
	Zone paging			No paging	Zone 1	Zone 2	Zone 3
				※2105-0	※2105-1 X	※2105-2	※2105-3
	Use of system speed dial group			Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
				※2101-0	※2101-1	※2101-2	※2101-3 X
	Flexible night service setting			Can not set night mode		Can set night mode	
				※2103-0 X		※2103-1	
	Receiving incoming calls in nighttime call mode			No night ring		Have night ring	
				※2104-0 X		※2104-1	
	Privacy override for outside call			Privacy		No privacy	
				※2109-0 X		※2109-1	
6	Outside dialing restriction class			Class 1	Class 2	Class 3	Class 4
		COL 1	Daytime	※2101-1X	※2101-2X	※2101-3X	※2101-4X X
			Night time	※2101-X1	※2101-X2	※2101-X3	※2101-X4 X
		COL 2	Daytime	※2102-1X	※2102-2X	※2102-3X	※2102-4X X
			Night time	※2102-X1	※2102-X2	※2102-X3	※2102-X4 X
		COL 3	Daytime	※2103-1X	※2103-2X	※2103-3X	※2103-4X X
			Night time	※2103-X1	※2103-X2	※2103-X3	※2103-X4 X
		COL 4	Daytime	※2104-1X	※2104-2X	※2104-3X	※2104-4X X
			Night time	※2104-X1	※2104-X2	※2104-X3	※2104-X4 X
		COL 5	Daytime	※2105-1X	※2105-2X	※2105-3X	※2105-4X X
			Night time	※2105-X1	※2105-X2	※2105-X3	※2105-X4 X
		COL 6	Daytime	※2106-1X	※2106-2X	※2106-3X	※2106-4X X
			Night time	※2106-X1	※2106-X2	※2106-X3	※2106-X4 X
		COL 7	Daytime	※2107-1X	※2107-2X	※2107-3X	※2107-4X X
			Night time	※2107-X1	※2107-X2	※2107-X3	※2107-X4 X
		COL 8	Daytime	※2108-1X	※2108-2X	※2108-3X	※2108-4X X
			Night time	※2108-X1	※2108-X2	※2108-X3	※2108-X4 X
		COL 9	Daytime	※2109-1X	※2109-2X	※2109-3X	※2109-4X X
			Night time	※2109-X1	※2109-X2	※2109-X3	※2109-X4 X
		COL 10	Daytime	※2110-1X	※2110-2X	※2110-3X	※2110-4X X
			Night time	※2110-X1	※2110-X2	※2110-X3	※2110-X4 X
		COL 11	Daytime	※2111-1X	※2111-2X	※2111-3X	※2111-4X X
			Night time	※2111-X1	※2111-X2	※2111-X3	※2111-X4 X
		COL 12	Daytime	※2112-1X	※2112-2X	※2112-3X	※2112-4X X
			Night time	※2112-X1	※2112-X2	※2112-X3	※2112-X4 X
	Restriction on outside calls by system speed dial			Not Restricted		Restricted	
				※0221-0		※0221-1 X	

Extension No. 22

Room name:

MODE NO.	FEATURE	OPTION SELECTED	COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2201-	X											
		Line key 2 ※2202-		X										
		Line key 3 ※2203-			X									
		Line key 4 ※2204-				X								
		Line key 5 ※2205-					X							
		Line key 6 ※2206-						X						
		Line key 7 ※2207-							X					
		Line key 8 ※2208-								X				
		Line key 9 ※2209-									X			
		Line key 10 ※2210-										X		
		Line key 11 ※2211-											X	
		Line key 12 ※2212-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2201-0 X	※2201-1
		COL 2	※2202-0 X	※2202-1
		COL 3	※2203-0 X	※2203-1
		COL 4	※2204-0 X	※2204-1
		COL 5	※2205-0 X	※2205-1
		COL 6	※2206-0 X	※2206-1
		COL 7	※2207-0 X	※2207-1
		COL 8	※2208-0 X	※2208-1
		COL 9	※2209-0 X	※2209-1
		COL 10	※2210-0 X	※2210-1
		COL 11	※2211-0 X	※2211-1
		COL 12	※2212-0 X	※2212-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※2202-0	※2202-1	※2202-2 X	※2202-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※2206-0	※2206-1	※2206-2	※2206-3 X

Extension No. 22

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone ※ 2207-0 X	Alarm tone ring ※ 2207-1		
	Zone paging	No paging ※ 2205-0	Zone 1 ※ 2205-1 X	Zone 2 ※ 2205-2	Zone 3 ※ 2205-3
	Use of system speed dial group	Neither group A nor group B usable ※ 2201-0	Only group A usable ※ 2201-1	Only group B usable ※ 2201-2	Both groups A and B usable ※ 2201-3 X
	Flexible night service setting	Can not set night mode ※ 2203-0 X	Can set night mode ※ 2203-1		
	Receiving incoming calls in nighttime call mode	No night ring ※ 2204-0 X	Have night ring ※ 2204-1		
	Privacy override for outside call	Privacy ※ 2209-0 X	No privacy ※ 2209-1		
6	Restriction on outside calls by system speed dial	Not Restricted ※ 0222-0	Restricted ※ 0222-1 X		

6 Outside dialing restriction class

		Class 1	Class 2	Class 3	Class 4
COL 1	Daytime	※ 2201-1X	※ 2201-2X	※ 2201-3X	※ 2201-4X X
	Night time	※ 2201-X1	※ 2201-X2	※ 2201-X3	※ 2201-X4 X
COL 2	Daytime	※ 2202-1X	※ 2202-2X	※ 2202-3X	※ 2202-4X X
	Night time	※ 2202-X1	※ 2202-X2	※ 2202-X3	※ 2202-X4 X
COL 3	Daytime	※ 2203-1X	※ 2203-2X	※ 2203-3X	※ 2203-4X X
	Night time	※ 2203-X1	※ 2203-X2	※ 2203-X3	※ 2203-X4 X
COL 4	Daytime	※ 2204-1X	※ 2204-2X	※ 2204-3X	※ 2204-4X X
	Night time	※ 2204-X1	※ 2204-X2	※ 2204-X3	※ 2204-X4 X
COL 5	Daytime	※ 2205-1X	※ 2205-2X	※ 2205-3X	※ 2205-4X X
	Night time	※ 2205-X1	※ 2205-X2	※ 2205-X3	※ 2205-X4 X
COL 6	Daytime	※ 2206-1X	※ 2206-2X	※ 2206-3X	※ 2206-4X X
	Night time	※ 2206-X1	※ 2206-X2	※ 2206-X3	※ 2206-X4 X
COL 7	Daytime	※ 2207-1X	※ 2207-2X	※ 2207-3X	※ 2207-4X X
	Night time	※ 2207-X1	※ 2207-X2	※ 2207-X3	※ 2207-X4 X
COL 8	Daytime	※ 2208-1X	※ 2208-2X	※ 2208-3X	※ 2208-4X X
	Night time	※ 2208-X1	※ 2208-X2	※ 2208-X3	※ 2208-X4 X
COL 9	Daytime	※ 2209-1X	※ 2209-2X	※ 2209-3X	※ 2209-4X X
	Night time	※ 2209-X1	※ 2209-X2	※ 2209-X3	※ 2209-X4 X
COL 10	Daytime	※ 2210-1X	※ 2210-2X	※ 2210-3X	※ 2210-4X X
	Night time	※ 2210-X1	※ 2210-X2	※ 2210-X3	※ 2210-X4 X
COL 11	Daytime	※ 2211-1X	※ 2211-2X	※ 2211-3X	※ 2211-4X X
	Night time	※ 2211-X1	※ 2211-X2	※ 2211-X3	※ 2211-X4 X
COL 12	Daytime	※ 2212-1X	※ 2212-2X	※ 2212-3X	※ 2212-4X X
	Night time	※ 2212-X1	※ 2212-X2	※ 2212-X3	※ 2212-X4 X

Extension No. 23

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ※ 2308-0 X	Direct station selector ※ 2308-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2301-	X											
		Line key 2 ※2302-		X										
		Line key 3 ※2303-			X									
		Line key 4 ※2304-				X								
		Line key 5 ※2305-					X							
		Line key 6 ※2306-						X						
		Line key 7 ※2307-							X					
		Line key 8 ※2308-								X				
		Line key 9 ※2309-									X			
		Line key 10 ※2310-										X		
		Line key 11 ※2311-											X	
		Line key 12 ※2312-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2301-0 X	※2301-1
		COL 2	※2302-0 X	※2302-1
		COL 3	※2303-0 X	※2303-1
		COL 4	※2304-0 X	※2304-1
		COL 5	※2305-0 X	※2305-1
		COL 6	※2306-0 X	※2306-1
		COL 7	※2307-0 X	※2307-1
		COL 8	※2308-0 X	※2308-1
		COL 9	※2309-0 X	※2309-1
		COL 10	※2310-0 X	※2310-1
		COL 11	※2311-0 X	※2311-1
		COL 12	※2312-0 X	※2312-1

MODE NO.	FEATURE				
-	Interrupting incoming calls during conversation	No ring ※2302-0	Intercom incoming ring only ※2302-1	COL incoming ring only ※2302-2 X	Intercom and COL incoming ring ※2302-3
3	Incoming calls from door box	No door box ring ※2306-0	Only door box A will ring ※2306-1	Only door box B will ring ※2306-2	Both door boxes A and B will ring ※2306-3 X

Extension No. 23

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2307-0 X		※ 2307-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2305-0	※ 2305-1 X	※ 2305-2	※ 2305-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2301-0	※ 2301-1	※ 2301-2	※ 2301-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2303-0 X		※ 2303-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2304-0 X		※ 2304-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2309-0 X		※ 2309-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2301-1X	※ 2301-2X	※ 2301-3X	※ 2301-4X X
			Night time	※ 2301-X1	※ 2301-X2	※ 2301-X3	※ 2301-X4 X
		COL 2	Daytime	※ 2302-1X	※ 2302-2X	※ 2302-3X	※ 2302-4X X
			Night time	※ 2302-X1	※ 2302-X2	※ 2302-X3	※ 2302-X4 X
		COL 3	Daytime	※ 2303-1X	※ 2303-2X	※ 2303-3X	※ 2303-4X X
			Night time	※ 2303-X1	※ 2303-X2	※ 2303-X3	※ 2303-X4 X
		COL 4	Daytime	※ 2304-1X	※ 2304-2X	※ 2304-3X	※ 2304-4X X
			Night time	※ 2304-X1	※ 2304-X2	※ 2304-X3	※ 2304-X4 X
		COL 5	Daytime	※ 2305-1X	※ 2305-2X	※ 2305-3X	※ 2305-4X X
			Night time	※ 2305-X1	※ 2305-X2	※ 2305-X3	※ 2305-X4 X
		COL 6	Daytime	※ 2306-1X	※ 2306-2X	※ 2306-3X	※ 2306-4X X
			Night time	※ 2306-X1	※ 2306-X2	※ 2306-X3	※ 2306-X4 X
		COL 7	Daytime	※ 2307-1X	※ 2307-2X	※ 2307-3X	※ 2307-4X X
			Night time	※ 2307-X1	※ 2307-X2	※ 2307-X3	※ 2307-X4 X
		COL 8	Daytime	※ 2308-1X	※ 2308-2X	※ 2308-3X	※ 2308-4X X
			Night time	※ 2308-X1	※ 2308-X2	※ 2308-X3	※ 2308-X4 X
		COL 9	Daytime	※ 2309-1X	※ 2309-2X	※ 2309-3X	※ 2309-4X X
			Night time	※ 2309-X1	※ 2309-X2	※ 2309-X3	※ 2309-X4 X
		COL 10	Daytime	※ 2310-1X	※ 2310-2X	※ 2310-3X	※ 2310-4X X
			Night time	※ 2310-X1	※ 2310-X2	※ 2310-X3	※ 2310-X4 X
		COL 11	Daytime	※ 2311-1X	※ 2311-2X	※ 2311-3X	※ 2311-4X X
			Night time	※ 2311-X1	※ 2311-X2	※ 2311-X3	※ 2311-X4 X
		COL 12	Daytime	※ 2312-1X	※ 2312-2X	※ 2312-3X	※ 2312-4X X
			Night time	※ 2312-X1	※ 2312-X2	※ 2312-X3	※ 2312-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0223-0			※ 0223-1 X		

Extension No. 24

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2401-	X											
		Line key 2 ※2402-		X										
		Line key 3 ※2403-			X									
		Line key 4 ※2404-				X								
		Line key 5 ※2405-					X							
		Line key 6 ※2406-						X						
		Line key 7 ※2407-							X					
		Line key 8 ※2408-								X				
		Line key 9 ※2409-									X			
		Line key 10 ※2410-										X		
		Line key 11 ※2411-											X	
		Line key 12 ※2412-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2401-0 X	※2401-1
		COL 2	※2402-0 X	※2402-1
		COL 3	※2403-0 X	※2403-1
		COL 4	※2404-0 X	※2404-1
		COL 5	※2405-0 X	※2405-1
		COL 6	※2406-0 X	※2406-1
		COL 7	※2407-0 X	※2407-1
		COL 8	※2408-0 X	※2408-1
		COL 9	※2409-0 X	※2409-1
		COL 10	※2410-0 X	※2410-1
		COL 11	※2411-0 X	※2411-1
		COL 12	※2412-0 X	※2412-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※2402-0	※2402-1	※ 2402-2 X	※2402-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※2406-0	※2406-1	※ 2406-2	※2406-3 X

Extension No. 24

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2407-0 X		※ 2407-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2405-0	※ 2405-1 X	※ 2405-2	※ 2405-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2401-0	※ 2401-1	※ 2401-2	※ 2401-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2403-0 X		※ 2403-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2404-0 X		※ 2404-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2409-0 X		※ 2409-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2401-1X	※ 2401-2X	※ 2401-3X	※ 2401-4X X
			Night time	※ 2401-X1	※ 2401-X2	※ 2401-X3	※ 2401-X4 X
		COL 2	Daytime	※ 2402-1X	※ 2402-2X	※ 2402-3X	※ 2402-4X X
			Night time	※ 2402-X1	※ 2402-X2	※ 2402-X3	※ 2402-X4 X
		COL 3	Daytime	※ 2403-1X	※ 2403-2X	※ 2403-3X	※ 2403-4X X
			Night time	※ 2403-X1	※ 2403-X2	※ 2403-X3	※ 2403-X4 X
		COL 4	Daytime	※ 2404-1X	※ 2404-2X	※ 2404-3X	※ 2404-4X X
			Night time	※ 2404-X1	※ 2404-X2	※ 2404-X3	※ 2404-X4 X
		COL 5	Daytime	※ 2405-1X	※ 2405-2X	※ 2405-3X	※ 2405-4X X
			Night time	※ 2405-X1	※ 2405-X2	※ 2405-X3	※ 2405-X4 X
		COL 6	Daytime	※ 2406-1X	※ 2406-2X	※ 2406-3X	※ 2406-4X X
			Night time	※ 2406-X1	※ 2406-X2	※ 2406-X3	※ 2406-X4 X
		COL 7	Daytime	※ 2407-1X	※ 2407-2X	※ 2407-3X	※ 2407-4X X
			Night time	※ 2407-X1	※ 2407-X2	※ 2407-X3	※ 2407-X4 X
		COL 8	Daytime	※ 2408-1X	※ 2408-2X	※ 2408-3X	※ 2408-4X X
			Night time	※ 2408-X1	※ 2408-X2	※ 2408-X3	※ 2408-X4 X
		COL 9	Daytime	※ 2409-1X	※ 2409-2X	※ 2409-3X	※ 2409-4X X
			Night time	※ 2409-X1	※ 2409-X2	※ 2409-X3	※ 2409-X4 X
		COL 10	Daytime	※ 2410-1X	※ 2410-2X	※ 2410-3X	※ 2410-4X X
			Night time	※ 2410-X1	※ 2410-X2	※ 2410-X3	※ 2410-X4 X
		COL 11	Daytime	※ 2411-1X	※ 2411-2X	※ 2411-3X	※ 2411-4X X
			Night time	※ 2411-X1	※ 2411-X2	※ 2411-X3	※ 2411-X4 X
		COL 12	Daytime	※ 2412-1X	※ 2412-2X	※ 2412-3X	※ 2412-4X X
			Night time	※ 2412-X1	※ 2412-X2	※ 2412-X3	※ 2412-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0224-0			※ 0224-1 X		

Extension No. 25

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ※ 2508-0 X	Direct station selector ※ 2508-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2501-	X											
		Line key 2 ※2502-		X										
		Line key 3 ※2503-			X									
		Line key 4 ※2504-				X								
		Line key 5 ※2505-					X							
		Line key 6 ※2506-						X						
		Line key 7 ※2507-							X					
		Line key 8 ※2508-								X				
		Line key 9 ※2509-									X			
		Line key 10 ※2510-										X		
		Line key 11 ※2511-											X	
		Line key 12 ※2512-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2501-0 X	※2501-1
		COL 2	※2502-0 X	※2502-1
		COL 3	※2503-0 X	※2503-1
		COL 4	※2504-0 X	※2504-1
		COL 5	※2505-0 X	※2505-1
		COL 6	※2506-0 X	※2506-1
		COL 7	※2507-0 X	※2507-1
		COL 8	※2508-0 X	※2508-1
		COL 9	※2509-0 X	※2509-1
		COL 10	※2510-0 X	※2510-1
		COL 11	※2511-0 X	※2511-1
		COL 12	※2512-0 X	※2512-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring ※2502-0	Intercom incoming ring only ※2502-1	COL incoming ring only ※2502-2 X	Intercom and COL incoming ring ※2502-3
	Incoming calls from door box	No door box ring ※2506-0	Only door box A will ring ※2506-1	Only door box B will ring ※2506-2	Both door boxes A and B will ring ※2506-3 X

Extension No. 25

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2507-0 X		※ 2507-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2505-0	※ 2505-1 X	※ 2505-2	※ 2505-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2501-0	※ 2501-1	※ 2501-2	※ 2501-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2503-0 X		※ 2503-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2504-0 X		※ 2504-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2509-0 X		※ 2509-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2501-1X	※ 2501-2X	※ 2501-3X	※ 2501-4X X
			Night time	※ 2501-X1	※ 2501-X2	※ 2501-X3	※ 2501-X4 X
		COL 2	Daytime	※ 2502-1X	※ 2502-2X	※ 2502-3X	※ 2502-4X X
			Night time	※ 2502-X1	※ 2502-X2	※ 2502-X3	※ 2502-X4 X
		COL 3	Daytime	※ 2503-1X	※ 2503-2X	※ 2503-3X	※ 2503-4X X
			Night time	※ 2503-X1	※ 2503-X2	※ 2503-X3	※ 2503-X4 X
		COL 4	Daytime	※ 2504-1X	※ 2504-2X	※ 2504-3X	※ 2504-4X X
			Night time	※ 2504-X1	※ 2504-X2	※ 2504-X3	※ 2504-X4 X
		COL 5	Daytime	※ 2505-1X	※ 2505-2X	※ 2505-3X	※ 2505-4X X
			Night time	※ 2505-X1	※ 2505-X2	※ 2505-X3	※ 2505-X4 X
		COL 6	Daytime	※ 2506-1X	※ 2506-2X	※ 2506-3X	※ 2506-4X X
			Night time	※ 2506-X1	※ 2506-X2	※ 2506-X3	※ 2506-X4 X
		COL 7	Daytime	※ 2507-1X	※ 2507-2X	※ 2507-3X	※ 2507-4X X
			Night time	※ 2507-X1	※ 2507-X2	※ 2507-X3	※ 2507-X4 X
		COL 8	Daytime	※ 2508-1X	※ 2508-2X	※ 2508-3X	※ 2508-4X X
			Night time	※ 2508-X1	※ 2508-X2	※ 2508-X3	※ 2508-X4 X
		COL 9	Daytime	※ 2509-1X	※ 2509-2X	※ 2509-3X	※ 2509-4X X
			Night time	※ 2509-X1	※ 2509-X2	※ 2509-X3	※ 2509-X4 X
		COL 10	Daytime	※ 2510-1X	※ 2510-2X	※ 2510-3X	※ 2510-4X X
			Night time	※ 2510-X1	※ 2510-X2	※ 2510-X3	※ 2510-X4 X
		COL 11	Daytime	※ 2511-1X	※ 2511-2X	※ 2511-3X	※ 2511-4X X
			Night time	※ 2511-X1	※ 2511-X2	※ 2511-X3	※ 2511-X4 X
		COL 12	Daytime	※ 2512-1X	※ 2512-2X	※ 2512-3X	※ 2512-4X X
			Night time	※ 2512-X1	※ 2512-X2	※ 2512-X3	※ 2512-X4 X
	Restriction on outside calls by system speed dial	Not Restricted				Restricted	
		※ 0225-0				※ 0225-1 X	

Extension No. 26 ***Room name:***

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2601-	X											
		Line key 2 ※2602-		X										
		Line key 3 ※2603-			X									
		Line key 4 ※2604-				X								
		Line key 5 ※2605-					X							
		Line key 6 ※2606-						X						
		Line key 7 ※2607-							X					
		Line key 8 ※2608-								X				
		Line key 9 ※2609-									X			
		Line key 10 ※2610-										X		
		Line key 11 ※2611-											X	
		Line key 12 ※2612-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2601-0 X	※2601-1
		COL 2	※2602-0 X	※2602-1
		COL 3	※2603-0 X	※2603-1
		COL 4	※2604-0 X	※2604-1
		COL 5	※2605-0 X	※2605-1
		COL 6	※2606-0 X	※2606-1
		COL 7	※2607-0 X	※2607-1
		COL 8	※2608-0 X	※2608-1
		COL 9	※2609-0 X	※2609-1
		COL 10	※2610-0 X	※2610-1
		COL 11	※2611-0 X	※2611-1
		COL 12	※2612-0 X	※2612-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※2602-0	※2602-1	※2602-2 X	※2602-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※2606-0 X	※2606-1	※2606-2	※2606-3

Extension No. 26

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone ※ 2607-0 X		Alarm tone ring ※ 2607-1	
	Zone paging	No paging ※ 2605-0	Zone 1 ※ 2605-1 X	Zone 2 ※ 2605-2	Zone 3 ※ 2605-3
	Use of system speed dial group	Neither group A nor group B usable ※ 2601-0	Only group A usable ※ 2601-1	Only group B usable ※ 2601-2	Both groups A and B usable ※ 2601-3 X
	Flexible night service setting	Can not set night mode ※ 2603-0 X		Can set night mode ※ 2603-1	
	Receiving incoming calls in nighttime call mode	No night ring ※ 2604-0 X		Have night ring ※ 2604-1	
	Privacy override for outside call	Privacy ※ 2609-0 X		No privacy ※ 2609-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2601-1X	※ 2601-2X	※ 2601-3X	※ 2601-4X X
			Night time	※ 2601-X1	※ 2601-X2	※ 2601-X3	※ 2601-X4 X
		COL 2	Daytime	※ 2602-1X	※ 2602-2X	※ 2602-3X	※ 2602-4X X
			Night time	※ 2602-X1	※ 2602-X2	※ 2602-X3	※ 2602-X4 X
		COL 3	Daytime	※ 2603-1X	※ 2603-2X	※ 2603-3X	※ 2603-4X X
			Night time	※ 2603-X1	※ 2603-X2	※ 2603-X3	※ 2603-X4 X
		COL 4	Daytime	※ 2604-1X	※ 2604-2X	※ 2604-3X	※ 2604-4X X
			Night time	※ 2604-X1	※ 2604-X2	※ 2604-X3	※ 2604-X4 X
		COL 5	Daytime	※ 2605-1X	※ 2605-2X	※ 2605-3X	※ 2605-4X X
			Night time	※ 2605-X1	※ 2605-X2	※ 2605-X3	※ 2605-X4 X
		COL 6	Daytime	※ 2606-1X	※ 2606-2X	※ 2606-3X	※ 2606-4X X
			Night time	※ 2606-X1	※ 2606-X2	※ 2606-X3	※ 2606-X4 X
		COL 7	Daytime	※ 2607-1X	※ 2607-2X	※ 2607-3X	※ 2607-4X X
			Night time	※ 2607-X1	※ 2607-X2	※ 2607-X3	※ 2607-X4 X
		COL 8	Daytime	※ 2608-1X	※ 2608-2X	※ 2608-3X	※ 2608-4X X
			Night time	※ 2608-X1	※ 2608-X2	※ 2608-X3	※ 2608-X4 X
		COL 9	Daytime	※ 2609-1X	※ 2609-2X	※ 2609-3X	※ 2609-4X X
			Night time	※ 2609-X1	※ 2609-X2	※ 2609-X3	※ 2609-X4 X
		COL 10	Daytime	※ 2610-1X	※ 2610-2X	※ 2610-3X	※ 2610-4X X
			Night time	※ 2610-X1	※ 2610-X2	※ 2610-X3	※ 2610-X4 X
		COL 11	Daytime	※ 2611-1X	※ 2611-2X	※ 2611-3X	※ 2611-4X X
			Night time	※ 2611-X1	※ 2611-X2	※ 2611-X3	※ 2611-X4 X
		COL 12	Daytime	※ 2612-1X	※ 2612-2X	※ 2612-3X	※ 2612-4X X
			Night time	※ 2612-X1	※ 2612-X2	※ 2612-X3	※ 2612-X4 X
	Restriction on outside calls by system speed dial			Not Restricted ※ 0226-0		Restricted ※ 0226-1 X	

Extension No. 27

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
		Key telephone	Direct station selector
3	Telephone type	※ 2708-0 X	※ 2708-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※2701-	X											
		Line key 2 ※2702-		X										
		Line key 3 ※2703-			X									
		Line key 4 ※2704-				X								
		Line key 5 ※2705-					X							
		Line key 6 ※2706-						X						
		Line key 7 ※2707-							X					
		Line key 8 ※2708-								X				
		Line key 9 ※2709-									X			
		Line key 10 ※2710-										X		
		Line key 11 ※2711-											X	
		Line key 12 ※2712-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※2701-0 X	※2701-1
		COL 2	※2702-0 X	※2702-1
		COL 3	※2703-0 X	※2703-1
		COL 4	※2704-0 X	※2704-1
		COL 5	※2705-0 X	※2705-1
		COL 6	※2706-0 X	※2706-1
		COL 7	※2707-0 X	※2707-1
		COL 8	※2708-0 X	※2708-1
		COL 9	※2709-0 X	※2709-1
		COL 10	※2710-0 X	※2710-1
		COL 11	※2711-0 X	※2711-1
		COL 12	※2712-0 X	※2712-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※2702-0	※2702-1	※2702-2 X	※2702-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※2706-0 X	※2706-1	※2706-2	※2706-3

Extension No. 27

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2707-0 X		※ 2707-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2705-0	※ 2705-1 X	※ 2705-2	※ 2705-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2701-0	※ 2701-1	※ 2701-2	※ 2701-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2703-0 X		※ 2703-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2704-0 X		※ 2704-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2709-0 X		※ 2709-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2701-1X	※ 2701-2X	※ 2701-3X	※ 2701-4X X
			Night time	※ 2701-X1	※ 2701-X2	※ 2701-X3	※ 2701-X4 X
		COL 2	Daytime	※ 2702-1X	※ 2702-2X	※ 2702-3X	※ 2702-4X X
			Night time	※ 2702-X1	※ 2702-X2	※ 2702-X3	※ 2702-X4 X
		COL 3	Daytime	※ 2703-1X	※ 2703-2X	※ 2703-3X	※ 2703-4X X
			Night time	※ 2703-X1	※ 2703-X2	※ 2703-X3	※ 2703-X4 X
		COL 4	Daytime	※ 2704-1X	※ 2704-2X	※ 2704-3X	※ 2704-4X X
			Night time	※ 2704-X1	※ 2704-X2	※ 2704-X3	※ 2704-X4 X
		COL 5	Daytime	※ 2705-1X	※ 2705-2X	※ 2705-3X	※ 2705-4X X
			Night time	※ 2705-X1	※ 2705-X2	※ 2705-X3	※ 2705-X4 X
		COL 6	Daytime	※ 2706-1X	※ 2706-2X	※ 2706-3X	※ 2706-4X X
			Night time	※ 2706-X1	※ 2706-X2	※ 2706-X3	※ 2706-X4 X
		COL 7	Daytime	※ 2707-1X	※ 2707-2X	※ 2707-3X	※ 2707-4X X
			Night time	※ 2707-X1	※ 2707-X2	※ 2707-X3	※ 2707-X4 X
		COL 8	Daytime	※ 2708-1X	※ 2708-2X	※ 2708-3X	※ 2708-4X X
			Night time	※ 2708-X1	※ 2708-X2	※ 2708-X3	※ 2708-X4 X
		COL 9	Daytime	※ 2709-1X	※ 2709-2X	※ 2709-3X	※ 2709-4X X
			Night time	※ 2709-X1	※ 2709-X2	※ 2709-X3	※ 2709-X4 X
		COL 10	Daytime	※ 2710-1X	※ 2710-2X	※ 2710-3X	※ 2710-4X X
			Night time	※ 2710-X1	※ 2710-X2	※ 2710-X3	※ 2710-X4 X
		COL 11	Daytime	※ 2711-1X	※ 2711-2X	※ 2711-3X	※ 2711-4X X
			Night time	※ 2711-X1	※ 2711-X2	※ 2711-X3	※ 2711-X4 X
		COL 12	Daytime	※ 2712-1X	※ 2712-2X	※ 2712-3X	※ 2712-4X X
			Night time	※ 2712-X1	※ 2712-X2	※ 2712-X3	※ 2712-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0227-0			※ 0227-1 X		

Extension No. 28

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ⋇2801-	X											
		Line key 2 ⋇2802-		X										
		Line key 3 ⋇2803-			X									
		Line key 4 ⋇2804-				X								
		Line key 5 ⋇2805-					X							
		Line key 6 ⋇2806-						X						
		Line key 7 ⋇2807-							X					
		Line key 8 ⋇2808-								X				
		Line key 9 ⋇2809-									X			
		Line key 10 ⋇2810-										X		
		Line key 11 ⋇2811-											X	
		Line key 12 ⋇2812-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	⋇2801-0 X	⋇2801-1
		COL 2	⋇2802-0 X	⋇2802-1
		COL 3	⋇2803-0 X	⋇2803-1
		COL 4	⋇2804-0 X	⋇2804-1
		COL 5	⋇2805-0 X	⋇2805-1
		COL 6	⋇2806-0 X	⋇2806-1
		COL 7	⋇2807-0 X	⋇2807-1
		COL 8	⋇2808-0 X	⋇2808-1
		COL 9	⋇2809-0 X	⋇2809-1
		COL 10	⋇2810-0 X	⋇2810-1
		COL 11	⋇2811-0 X	⋇2811-1
		COL 12	⋇2812-0 X	⋇2812-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		⋇2802-0	⋇ 2802-1	⋇ 2802-2 X	⋇ 2802-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		⋇2806-0 X	⋇ 2806-1	⋇2806-2	⋇ 2806-3

Extension No. 28

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 2807-0 X		※ 2807-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 2805-0	※ 2805-1 X	※ 2805-2	※ 2805-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 2801-0	※ 2801-1	※ 2801-2	※ 2801-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 2803-0 X		※ 2803-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 2804-0 X		※ 2804-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 2809-0 X		※ 2809-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 2801-1X	※ 2801-2X	※ 2801-3X	※ 2801-4X X
			Night time	※ 2801-X1	※ 2801-X2	※ 2801-X3	※ 2801-X4 X
		COL 2	Daytime	※ 2802-1X	※ 2802-2X	※ 2802-3X	※ 2802-4X X
			Night time	※ 2802-X1	※ 2802-X2	※ 2802-X3	※ 2802-X4 X
		COL 3	Daytime	※ 2803-1X	※ 2803-2X	※ 2803-3X	※ 2803-4X X
			Night time	※ 2803-X1	※ 2803-X2	※ 2803-X3	※ 2803-X4 X
		COL 4	Daytime	※ 2804-1X	※ 2804-2X	※ 2804-3X	※ 2804-4X X
			Night time	※ 2804-X1	※ 2804-X2	※ 2804-X3	※ 2804-X4 X
		COL 5	Daytime	※ 2805-1X	※ 2805-2X	※ 2805-3X	※ 2805-4X X
			Night time	※ 2805-X1	※ 2805-X2	※ 2805-X3	※ 2805-X4 X
		COL 6	Daytime	※ 2806-1X	※ 2806-2X	※ 2806-3X	※ 2806-4X X
			Night time	※ 2806-X1	※ 2806-X2	※ 2806-X3	※ 2806-X4 X
		COL 7	Daytime	※ 2807-1X	※ 2807-2X	※ 2807-3X	※ 2807-4X X
			Night time	※ 2807-X1	※ 2807-X2	※ 2807-X3	※ 2807-X4 X
		COL 8	Daytime	※ 2808-1X	※ 2808-2X	※ 2808-3X	※ 2808-4X X
			Night time	※ 2808-X1	※ 2808-X2	※ 2808-X3	※ 2808-X4 X
		COL 9	Daytime	※ 2809-1X	※ 2809-2X	※ 2809-3X	※ 2809-4X X
			Night time	※ 2809-X1	※ 2809-X2	※ 2809-X3	※ 2809-X4 X
		COL 10	Daytime	※ 2810-1X	※ 2810-2X	※ 2810-3X	※ 2810-4X X
			Night time	※ 2810-X1	※ 2810-X2	※ 2810-X3	※ 2810-X4 X
		COL 11	Daytime	※ 2811-1X	※ 2811-2X	※ 2811-3X	※ 2811-4X X
			Night time	※ 2811-X1	※ 2811-X2	※ 2811-X3	※ 2811-X4 X
		COL 12	Daytime	※ 2812-1X	※ 2812-2X	※ 2812-3X	※ 2812-4X X
			Night time	※ 2812-X1	※ 2812-X2	※ 2812-X3	※ 2812-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0228-0			※ 0228-1 X		

Extension No. 29

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
		Key telephone	Direct station selector
3	Telephone type	✱ 2908-0 X	✱ 2908-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱2901-	X											
		Line key 2 ✱2902-		X										
		Line key 3 ✱2903-			X									
		Line key 4 ✱2904-				X								
		Line key 5 ✱2905-					X							
		Line key 6 ✱2906-						X						
		Line key 7 ✱2907-							X					
		Line key 8 ✱2908-								X				
		Line key 9 ✱2909-									X			
		Line key 10 ✱2910-										X		
		Line key 11 ✱2911-											X	
		Line key 12 ✱2912-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱2901-0 X	✱2901-1
		COL 2	✱2902-0 X	✱2902-1
		COL 3	✱2903-0 X	✱2903-1
		COL 4	✱2904-0 X	✱2904-1
		COL 5	✱2905-0 X	✱2905-1
		COL 6	✱2906-0 X	✱2906-1
		COL 7	✱2907-0 X	✱2907-1
		COL 8	✱2908-0 X	✱2908-1
		COL 9	✱2909-0 X	✱2909-1
		COL 10	✱2910-0 X	✱2910-1
		COL 11	✱2911-0 X	✱2911-1
		COL 12	✱2912-0 X	✱2912-1

MODE NO.	FEATURE				
- 3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✱2902-0	✱2902-1	✱2902-2 X	✱2902-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✱2906-0 X	✱2906-1	✱2906-2	✱2906-3

Extension No. 29

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※2907-0 X		※2907-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※2905-0	※2905-1 X	※2905-2	※2905-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※2901-0	※2901-1	※2901-2	※2901-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※2903-0 X		※2903-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※2904-0 X		※2904-1	
	Privacy override for outside call	Privacy		No privacy	
		※2909-0 X		※2909-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※2901-1X	※2901-2X	※2901-3X	※2901-4X X
			Night time	※2901-X1	※2901-X2	※2901-X3	※2901-X4 X
		COL 2	Daytime	※2902-1X	※2902-2X	※2902-3X	※2902-4X X
			Night time	※2902-X1	※2902-X2	※2902-X3	※2902-X4 X
		COL 3	Daytime	※2903-1X	※2903-2X	※2903-3X	※2903-4X X
			Night time	※2903-X1	※2903-X2	※2903-X3	※2903-X4 X
		COL 4	Daytime	※2904-1X	※2904-2X	※2904-3X	※2904-4X X
			Night time	※2904-X1	※2904-X2	※2904-X3	※2904-X4 X
		COL 5	Daytime	※2905-1X	※2905-2X	※2905-3X	※2905-4X X
			Night time	※2905-X1	※2905-X2	※2905-X3	※2905-X4 X
		COL 6	Daytime	※2906-1X	※2906-2X	※2906-3X	※2906-4X X
			Night time	※2906-X1	※2906-X2	※2906-X3	※2906-X4 X
		COL 7	Daytime	※2907-1X	※2907-2X	※2907-3X	※2907-4X X
			Night time	※2907-X1	※2907-X2	※2907-X3	※2907-X4 X
		COL 8	Daytime	※2908-1X	※2908-2X	※2908-3X	※2908-4X X
			Night time	※2908-X1	※2908-X2	※2908-X3	※2908-X4 X
		COL 9	Daytime	※2909-1X	※2909-2X	※2909-3X	※2909-4X X
			Night time	※2909-X1	※2909-X2	※2909-X3	※2909-X4 X
		COL 10	Daytime	※2910-1X	※2910-2X	※2910-3X	※2910-4X X
			Night time	※2910-X1	※2910-X2	※2910-X3	※2910-X4 X
		COL 11	Daytime	※2911-1X	※2911-2X	※2911-3X	※2911-4X X
			Night time	※2911-X1	※2911-X2	※2911-X3	※2911-X4 X
		COL 12	Daytime	※2912-1X	※2912-2X	※2912-3X	※2912-4X X
			Night time	※2912-X1	※2912-X2	※2912-X3	※2912-X4 X
	Restriction on outside calls by system speed dial	Not Restricted				Restricted	
		※0229-0				※0229-1 X	

Extension No. 30

Room name:

MODE NO.	FEATURE	OPTION SELECTED												
			COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※3001-	X											
		Line key 2 ※3002-		X										
		Line key 3 ※3003-			X									
		Line key 4 ※3004-				X								
		Line key 5 ※3005-					X							
		Line key 6 ※3006-						X						
		Line key 7 ※3007-							X					
		Line key 8 ※3008-								X				
		Line key 9 ※3009-									X			
		Line key 10 ※3010-										X		
		Line key 11 ※3011-											X	
		Line key 12 ※3012-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※3001-0 X	※3001-1
		COL 2	※3002-0 X	※3002-1
		COL 3	※3003-0 X	※3003-1
		COL 4	※3004-0 X	※3004-1
		COL 5	※3005-0 X	※3005-1
		COL 6	※3006-0 X	※3006-1
		COL 7	※3007-0 X	※3007-1
		COL 8	※3008-0 X	※3008-1
		COL 9	※3009-0 X	※3009-1
		COL 10	※3010-0 X	※3010-1
		COL 11	※3011-0 X	※3011-1
		COL 12	※3012-0 X	※3012-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		※3002-0	※3002-1	※3002-2 X	※3002-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		※3006-0 X	※3006-1	※3006-2	※3006-3

Extension No. 30

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※3007-0 X		※3007-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※3005-0	※3005-1 X	※3005-2	※3005-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※3001-0	※3001-1	※3001-2	※3001-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※3003-0 X		※3003-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※3004-0 X		※3004-1	
	Privacy override for outside call	Privacy		No privacy	
		※3009-0 X		※3009-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※3001-1X	※3001-2X	※3001-3X	※3001-4X X
			Night time	※3001-X1	※3001-X2	※3001-X3	※3001-X4 X
		COL 2	Daytime	※3002-1X	※3002-2X	※3002-3X	※3002-4X X
			Night time	※3002-X1	※3002-X2	※3002-X3	※3002-X4 X
		COL 3	Daytime	※3003-1X	※3003-2X	※3003-3X	※3003-4X X
			Night time	※3003-X1	※3003-X2	※3003-X3	※3003-X4 X
		COL 4	Daytime	※3004-1X	※3004-2X	※3004-3X	※3004-4X X
			Night time	※3004-X1	※3004-X2	※3004-X3	※3004-X4 X
		COL 5	Daytime	※3005-1X	※3005-2X	※3005-3X	※3005-4X X
			Night time	※3005-X1	※3005-X2	※3005-X3	※3005-X4 X
		COL 6	Daytime	※3006-1X	※3006-2X	※3006-3X	※3006-4X X
			Night time	※3006-X1	※3006-X2	※3006-X3	※3006-X4 X
		COL 7	Daytime	※3007-1X	※3007-2X	※3007-3X	※3007-4X X
			Night time	※3007-X1	※3007-X2	※3007-X3	※3007-X4 X
		COL 8	Daytime	※3008-1X	※3008-2X	※3008-3X	※3008-4X X
			Night time	※3008-X1	※3008-X2	※3008-X3	※3008-X4 X
		COL 9	Daytime	※3009-1X	※3009-2X	※3009-3X	※3009-4X X
			Night time	※3009-X1	※3009-X2	※3009-X3	※3009-X4 X
		COL 10	Daytime	※3010-1X	※3010-2X	※3010-3X	※3010-4X X
			Night time	※3010-X1	※3010-X2	※3010-X3	※3010-X4 X
		COL 11	Daytime	※3011-1X	※3011-2X	※3011-3X	※3011-4X X
			Night time	※3011-X1	※3011-X2	※3011-X3	※3011-X4 X
		COL 12	Daytime	※3012-1X	※3012-2X	※3012-3X	※3012-4X X
			Night time	※3012-X1	※3012-X2	※3012-X3	※3012-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0230-0			※0230-1 X		

Extension No. 31

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ✱ 3108-0 X	Direct station selector ✱ 3108-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱3101-	X											
		Line key 2 ✱3102-		X										
		Line key 3 ✱3103-			X									
		Line key 4 ✱3104-				X								
		Line key 5 ✱3105-					X							
		Line key 6 ✱3106-						X						
		Line key 7 ✱3107-							X					
		Line key 8 ✱3108-								X				
		Line key 9 ✱3109-									X			
		Line key 10 ✱3110-										X		
		Line key 11 ✱3111-											X	
		Line key 12 ✱3112-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱3101-0 X	✱3101-1
		COL 2	✱3102-0 X	✱3102-1
		COL 3	✱3103-0 X	✱3103-1
		COL 4	✱3104-0 X	✱3104-1
		COL 5	✱3105-0 X	✱3105-1
		COL 6	✱3106-0 X	✱3106-1
		COL 7	✱3107-0 X	✱3107-1
		COL 8	✱3108-0 X	✱3108-1
		COL 9	✱3109-0 X	✱3109-1
		COL 10	✱3110-0 X	✱3110-1
		COL 11	✱3111-0 X	✱3111-1
		COL 12	✱3112-0 X	✱3112-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring ✱3102-0	Intercom incoming ring only ✱3102-1	COL incoming ring only ✱3102-2 X	Intercom and COL incoming ring ✱3102-3
	Incoming calls from door box	No door box ring ✱3106-0 X	Only door box A will ring ✱3106-1	Only door box B will ring ✱3106-2	Both door boxes A and B will ring ✱3106-3

Extension No. 31

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※3107-0 X		※3107-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※3105-0	※3105-1 X	※3105-2	※3105-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※3101-0	※3101-1	※3101-2	※3101-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※3103-0 X		※3103-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※3104-0 X		※3104-1	
	Privacy override for outside call	Privacy		No privacy	
		※3109-0 X		※3109-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※3101-1X	※3101-2X	※3101-3X	※3101-4X X
			Night time	※3101-X1	※3101-X2	※3101-X3	※3101-X4 X
		COL 2	Daytime	※3102-1X	※3102-2X	※3102-3X	※3102-4X X
			Night time	※3102-X1	※3102-X2	※3102-X3	※3102-X4 X
		COL 3	Daytime	※3103-1X	※3103-2X	※3103-3X	※3103-4X X
			Night time	※3103-X1	※3103-X2	※3103-X3	※3103-X4 X
		COL 4	Daytime	※3104-1X	※3104-2X	※3104-3X	※3104-4X X
			Night time	※3104-X1	※3104-X2	※3104-X3	※3104-X4 X
		COL 5	Daytime	※3105-1X	※3105-2X	※3105-3X	※3105-4X X
			Night time	※3105-X1	※3105-X2	※3105-X3	※3105-X4 X
		COL 6	Daytime	※3106-1X	※3106-2X	※3106-3X	※3106-4X X
			Night time	※3106-X1	※3106-X2	※3106-X3	※3106-X4 X
		COL 7	Daytime	※3107-1X	※3107-2X	※3107-3X	※3107-4X X
			Night time	※3107-X1	※3107-X2	※3107-X3	※3107-X4 X
		COL 8	Daytime	※3108-1X	※3108-2X	※3108-3X	※3108-4X X
			Night time	※3108-X1	※3108-X2	※3108-X3	※3108-X4 X
		COL 9	Daytime	※3109-1X	※3109-2X	※3109-3X	※3109-4X X
			Night time	※3109-X1	※3109-X2	※3109-X3	※3109-X4 X
		COL 10	Daytime	※3110-1X	※3110-2X	※3110-3X	※3110-4X X
			Night time	※3110-X1	※3110-X2	※3110-X3	※3110-X4 X
		COL 11	Daytime	※3111-1X	※3111-2X	※3111-3X	※3111-4X X
			Night time	※3111-X1	※3111-X2	※3111-X3	※3111-X4 X
		COL 12	Daytime	※3112-1X	※3112-2X	※3112-3X	※3112-4X X
			Night time	※3112-X1	※3112-X2	※3112-X3	※3112-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0231-0			※0231-1 X		

Extension No. 32

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✳3201-	X											
		Line key 2 ✳3202-		X										
		Line key 3 ✳3203-			X									
		Line key 4 ✳3204-				X								
		Line key 5 ✳3205-					X							
		Line key 6 ✳3206-						X						
		Line key 7 ✳3207-							X					
		Line key 8 ✳3208-								X				
		Line key 9 ✳3209-									X			
		Line key 10 ✳3210-										X		
		Line key 11 ✳3211-											X	
		Line key 12 ✳3212-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✳3201-0 X	✳3201-1
		COL 2	✳3202-0 X	✳3202-1
		COL 3	✳3203-0 X	✳3203-1
		COL 4	✳3204-0 X	✳3204-1
		COL 5	✳3205-0 X	✳3205-1
		COL 6	✳3206-0 X	✳3206-1
		COL 7	✳3207-0 X	✳3207-1
		COL 8	✳3208-0 X	✳3208-1
		COL 9	✳3209-0 X	✳3209-1
		COL 10	✳3210-0 X	✳3210-1
		COL 11	✳3211-0 X	✳3211-1
		COL 12	✳3212-0 X	✳3212-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✳3202-0	✳3202-1	✳3202-2 X	✳3202-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✳3206-0 X	✳3206-1	✳3206-2	✳3206-3

Extension No. 32

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 3207-0 X		※ 3207-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 3205-0	※ 3205-1 X	※ 3205-2	※ 3205-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 3201-0	※ 3201-1	※ 3201-2	※ 3201-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 3203-0 X		※ 3203-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 3204-0 X		※ 3204-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 3209-0 X		※ 3209-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 3201-1X	※ 3201-2X	※ 3201-3X	※ 3201-4X X
			Night time	※ 3201-X1	※ 3201-X2	※ 3201-X3	※ 3201-X4 X
		COL 2	Daytime	※ 3202-1X	※ 3202-2X	※ 3202-3X	※ 3202-4X X
			Night time	※ 3202-X1	※ 3202-X2	※ 3202-X3	※ 3202-X4 X
		COL 3	Daytime	※ 3203-1X	※ 3203-2X	※ 3203-3X	※ 3203-4X X
			Night time	※ 3203-X1	※ 3203-X2	※ 3203-X3	※ 3203-X4 X
		COL 4	Daytime	※ 3204-1X	※ 3204-2X	※ 3204-3X	※ 3204-4X X
			Night time	※ 3204-X1	※ 3204-X2	※ 3204-X3	※ 3204-X4 X
		COL 5	Daytime	※ 3205-1X	※ 3205-2X	※ 3205-3X	※ 3205-4X X
			Night time	※ 3205-X1	※ 3205-X2	※ 3205-X3	※ 3205-X4 X
		COL 6	Daytime	※ 3206-1X	※ 3206-2X	※ 3206-3X	※ 3206-4X X
			Night time	※ 3206-X1	※ 3206-X2	※ 3206-X3	※ 3206-X4 X
		COL 7	Daytime	※ 3207-1X	※ 3207-2X	※ 3207-3X	※ 3207-4X X
			Night time	※ 3207-X1	※ 3207-X2	※ 3207-X3	※ 3207-X4 X
		COL 8	Daytime	※ 3208-1X	※ 3208-2X	※ 3208-3X	※ 3208-4X X
			Night time	※ 3208-X1	※ 3208-X2	※ 3208-X3	※ 3208-X4 X
		COL 9	Daytime	※ 3209-1X	※ 3209-2X	※ 3209-3X	※ 3209-4X X
			Night time	※ 3209-X1	※ 3209-X2	※ 3209-X3	※ 3209-X4 X
		COL 10	Daytime	※ 3210-1X	※ 3210-2X	※ 3210-3X	※ 3210-4X X
			Night time	※ 3210-X1	※ 3210-X2	※ 3210-X3	※ 3210-X4 X
		COL 11	Daytime	※ 3211-1X	※ 3211-2X	※ 3211-3X	※ 3211-4X X
			Night time	※ 3211-X1	※ 3211-X2	※ 3211-X3	※ 3211-X4 X
		COL 12	Daytime	※ 3212-1X	※ 3212-2X	※ 3212-3X	※ 3212-4X X
			Night time	※ 3212-X1	※ 3212-X2	※ 3212-X3	※ 3212-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0232-0			※ 0232-1 X		

Extension No. 33 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone	Direct station selector
		✱ 3308-0 X	✱ 3308-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱3301-	X											
		Line key 2 ✱3302-		X										
		Line key 3 ✱3303-			X									
		Line key 4 ✱3304-				X								
		Line key 5 ✱3305-					X							
		Line key 6 ✱3306-						X						
		Line key 7 ✱3307-							X					
		Line key 8 ✱3308-								X				
		Line key 9 ✱3309-									X			
		Line key 10 ✱3310-										X		
		Line key 11 ✱3311-											X	
		Line key 12 ✱3312-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱3301-0 X	✱ 3301-1
		COL 2	✱3302-0 X	✱ 3302-1
		COL 3	✱3303-0 X	✱ 3303-1
		COL 4	✱3304-0 X	✱ 3304-1
		COL 5	✱3305-0 X	✱ 3305-1
		COL 6	✱3306-0 X	✱ 3306-1
		COL 7	✱3307-0 X	✱ 3307-1
		COL 8	✱3308-0 X	✱ 3308-1
		COL 9	✱3309-0 X	✱ 3309-1
		COL 10	✱3310-0 X	✱ 3310-1
		COL 11	✱3311-0 X	✱ 3311-1
		COL 12	✱3312-0 X	✱ 3312-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✱3302-0	✱3302-1	✱3302-2 X	✱3302-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✱3306-0 X	✱3306-1	✱3306-2	✱3306-3

Extension No. 33

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※3307-0 X		※3307-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※3305-0	※3305-1 X	※3305-2	※3305-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※3301-0	※3301-1	※3301-2	※3301-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※3303-0 X		※3303-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※3304-0 X		※3304-1	
	Privacy override for outside call	Privacy		No privacy	
		※3309-0 X		※3309-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※3301-1X	※3301-2X	※3301-3X	※3301-4X X
			Night time	※3301-X1	※3301-X2	※3301-X3	※3301-X4 X
		COL 2	Daytime	※3302-1X	※3302-2X	※3302-3X	※3302-4X X
			Night time	※3302-X1	※3302-X2	※3302-X3	※3302-X4 X
		COL 3	Daytime	※3303-1X	※3303-2X	※3303-3X	※3303-4X X
			Night time	※3303-X1	※3303-X2	※3303-X3	※3303-X4 X
		COL 4	Daytime	※3304-1X	※3304-2X	※3304-3X	※3304-4X X
			Night time	※3304-X1	※3304-X2	※3304-X3	※3304-X4 X
		COL 5	Daytime	※3305-1X	※3305-2X	※3305-3X	※3305-4X X
			Night time	※3305-X1	※3305-X2	※3305-X3	※3305-X4 X
		COL 6	Daytime	※3306-1X	※3306-2X	※3306-3X	※3306-4X X
			Night time	※3306-X1	※3306-X2	※3306-X3	※3306-X4 X
		COL 7	Daytime	※3307-1X	※3307-2X	※3307-3X	※3307-4X X
			Night time	※3307-X1	※3307-X2	※3307-X3	※3307-X4 X
		COL 8	Daytime	※3308-1X	※3308-2X	※3308-3X	※3308-4X X
			Night time	※3308-X1	※3308-X2	※3308-X3	※3308-X4 X
		COL 9	Daytime	※3309-1X	※3309-2X	※3309-3X	※3309-4X X
			Night time	※3309-X1	※3309-X2	※3309-X3	※3309-X4 X
		COL 10	Daytime	※3310-1X	※3310-2X	※3310-3X	※3310-4X X
			Night time	※3310-X1	※3310-X2	※3310-X3	※3310-X4 X
		COL 11	Daytime	※3311-1X	※3311-2X	※3311-3X	※3311-4X X
			Night time	※3311-X1	※3311-X2	※3311-X3	※3311-X4 X
		COL 12	Daytime	※3312-1X	※3312-2X	※3312-3X	※3312-4X X
			Night time	※3312-X1	※3312-X2	※3312-X3	※3312-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0233-0			※0233-1 X		

Extension No. 34 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED											
			COL No.										
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※3401-	X											
		Line key 2 ※3402-		X										
		Line key 3 ※3403-			X									
		Line key 4 ※3404-				X								
		Line key 5 ※3405-					X							
		Line key 6 ※3406-						X						
		Line key 7 ※3407-							X					
		Line key 8 ※3408-								X				
		Line key 9 ※3409-									X			
		Line key 10 ※3410-										X		
		Line key 11 ※3411-											X	
		Line key 12 ※3412-												X

			No ring	Ring
4	Incoming call ringing	COL 1	※3401-0 X	※3401-1
		COL 2	※3402-0 X	※3402-1
		COL 3	※3403-0 X	※3403-1
		COL 4	※3404-0 X	※3404-1
		COL 5	※3405-0 X	※3405-1
		COL 6	※3406-0 X	※3406-1
		COL 7	※3407-0 X	※3407-1
		COL 8	※3408-0 X	※3408-1
		COL 9	※3409-0 X	※3409-1
		COL 10	※3410-0 X	※3410-1
		COL 11	※3411-0 X	※3411-1
		COL 12	※3412-0 X	※3412-1

3	Interrupting incoming calls during conversation	No ring ※3402-0	Intercom incoming ring only ※3402-1	COL incoming ring only ※3402-2 X	Intercom and COL incoming ring ※3402-3
	Incoming calls from door box	No door box ring ※3406-0 X	Only door box A will ring ※3406-1	Only door box B will ring ※3406-2	Both door boxes A and B will ring ※3406-3

Extension No. 34 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		✱3407-0 X		✱3407-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		✱3405-0	✱3405-1 X	✱3405-2	✱3405-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		✱3401-0	✱3401-1	✱3401-2	✱3401-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		✱3403-0 X		✱3403-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		✱3404-0 X		✱3404-1	
	Privacy override for outside call	Privacy		No privacy	
		✱3409-0 X		✱3409-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	✱3401-1X	✱3401-2X	✱3401-3X	✱3401-4X X
			Night time	✱3401-X1	✱3401-X2	✱3401-X3	✱3401-X4 X
		COL 2	Daytime	✱3402-1X	✱3402-2X	✱3402-3X	✱3402-4X X
			Night time	✱3402-X1	✱3402-X2	✱3402-X3	✱3402-X4 X
		COL 3	Daytime	✱3403-1X	✱3403-2X	✱3403-3X	✱3403-4X X
			Night time	✱3403-X1	✱3403-X2	✱3403-X3	✱3403-X4 X
		COL 4	Daytime	✱3404-1X	✱3404-2X	✱3404-3X	✱3404-4X X
			Night time	✱3404-X1	✱3404-X2	✱3404-X3	✱3404-X4 X
		COL 5	Daytime	✱3405-1X	✱3405-2X	✱3405-3X	✱3405-4X X
			Night time	✱3405-X1	✱3405-X2	✱3405-X3	✱3405-X4 X
		COL 6	Daytime	✱3406-1X	✱3406-2X	✱3406-3X	✱3406-4X X
			Night time	✱3406-X1	✱3406-X2	✱3406-X3	✱3406-X4 X
		COL 7	Daytime	✱3407-1X	✱3407-2X	✱3407-3X	✱3407-4X X
			Night time	✱3407-X1	✱3407-X2	✱3407-X3	✱3407-X4 X
		COL 8	Daytime	✱3408-1X	✱3408-2X	✱3408-3X	✱3408-4X X
			Night time	✱3408-X1	✱3408-X2	✱3408-X3	✱3408-X4 X
		COL 9	Daytime	✱3409-1X	✱3409-2X	✱3409-3X	✱3409-4X X
			Night time	✱3409-X1	✱3409-X2	✱3409-X3	✱3409-X4 X
		COL 10	Daytime	✱3410-1X	✱3410-2X	✱3410-3X	✱3410-4X X
			Night time	✱3410-X1	✱3410-X2	✱3410-X3	✱3410-X4 X
		COL 11	Daytime	✱3411-1X	✱3411-2X	✱3411-3X	✱3411-4X X
			Night time	✱3411-X1	✱3411-X2	✱3411-X3	✱3411-X4 X
		COL 12	Daytime	✱3412-1X	✱3412-2X	✱3412-3X	✱3412-4X X
			Night time	✱3412-X1	✱3412-X2	✱3412-X3	✱3412-X4 X

	Restriction on outside calls by system speed dial	Not Restricted	Restricted
		✱0234-0	✱0234-1 X

Extension No. 35 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone	Direct station selector
		✱ 3508-0 X	✱ 3508-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱3501-	X											
		Line key 2 ✱3502-		X										
		Line key 3 ✱3503-			X									
		Line key 4 ✱3504-				X								
		Line key 5 ✱3505-					X							
		Line key 6 ✱3506-						X						
		Line key 7 ✱3507-							X					
		Line key 8 ✱3508-								X				
		Line key 9 ✱3509-									X			
		Line key 10 ✱3510-										X		
		Line key 11 ✱3511-											X	
		Line key 12 ✱3512-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱3501-0 X	✱3501-1
		COL 2	✱3502-0 X	✱3502-1
		COL 3	✱3503-0 X	✱3503-1
		COL 4	✱3504-0 X	✱3504-1
		COL 5	✱3505-0 X	✱3505-1
		COL 6	✱3506-0 X	✱3506-1
		COL 7	✱3507-0 X	✱3507-1
		COL 8	✱3508-0 X	✱3508-1
		COL 9	✱3509-0 X	✱3509-1
		COL 10	✱3510-0 X	✱3510-1
		COL 11	✱3511-0 X	✱3511-1
		COL 12	✱3512-0 X	✱3512-1

MODE NO.	FEATURE				
-	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✱3502-0	✱3502-1	✱3502-2 X	✱3502-3
3	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✱3506-0 X	✱3506-1	✱3506-2	✱3506-3

Extension No. 35 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone ※3507-0 X		Alarm tone ring ※3507-1	
	Zone paging	No paging ※3505-0	Zone 1 ※3505-1 X	Zone 2 ※3505-2	Zone 3 ※3505-3
	Use of system speed dial group	Neither group A nor group B usable ※3501-0	Only group A usable ※3501-1	Only group B usable ※3501-2	Both groups A and B usable ※3501-3 X
	Flexible night service setting	Can not set night mode ※3503-0 X		Can set night mode ※3503-1	
	Receiving incoming calls in nighttime call mode	No night ring ※3504-0 X		Have night ring ※3504-1	
	Privacy override for outside call	Privacy ※3509-0 X		No privacy ※3509-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※3501-1X	※3501-2X	※3501-3X	※3501-4X X
			Night time	※3501-X1	※3501-X2	※3501-X3	※3501-X4 X
		COL 2	Daytime	※3502-1X	※3502-2X	※3502-3X	※3502-4X X
			Night time	※3502-X1	※3502-X2	※3502-X3	※3502-X4 X
		COL 3	Daytime	※3503-1X	※3503-2X	※3503-3X	※3503-4X X
			Night time	※3503-X1	※3503-X2	※3503-X3	※3503-X4 X
		COL 4	Daytime	※3504-1X	※3504-2X	※3504-3X	※3504-4X X
			Night time	※3504-X1	※3504-X2	※3504-X3	※3504-X4 X
		COL 5	Daytime	※3505-1X	※3505-2X	※3505-3X	※3505-4X X
			Night time	※3505-X1	※3505-X2	※3505-X3	※3505-X4 X
		COL 6	Daytime	※3506-1X	※3506-2X	※3506-3X	※3506-4X X
			Night time	※3506-X1	※3506-X2	※3506-X3	※3506-X4 X
		COL 7	Daytime	※3507-1X	※3507-2X	※3507-3X	※3507-4X X
			Night time	※3507-X1	※3507-X2	※3507-X3	※3507-X4 X
		COL 8	Daytime	※3508-1X	※3508-2X	※3508-3X	※3508-4X X
			Night time	※3508-X1	※3508-X2	※3508-X3	※3508-X4 X
		COL 9	Daytime	※3509-1X	※3509-2X	※3509-3X	※3509-4X X
			Night time	※3509-X1	※3509-X2	※3509-X3	※3509-X4 X
		COL 10	Daytime	※3510-1X	※3510-2X	※3510-3X	※3510-4X X
			Night time	※3510-X1	※3510-X2	※3510-X3	※3510-X4 X
		COL 11	Daytime	※3511-1X	※3511-2X	※3511-3X	※3511-4X X
			Night time	※3511-X1	※3511-X2	※3511-X3	※3511-X4 X
		COL 12	Daytime	※3512-1X	※3512-2X	※3512-3X	※3512-4X X
			Night time	※3512-X1	※3512-X2	※3512-X3	※3512-X4 X
	Restriction on outside calls by system speed dial	Not Restricted ※0235-0			Restricted ※0235-1 X		

Extension No. 36 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED												
			COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✻3601-	X											
		Line key 2 ✻3602-		X										
		Line key 3 ✻3603-			X									
		Line key 4 ✻3604-				X								
		Line key 5 ✻3605-					X							
		Line key 6 ✻3606-						X						
		Line key 7 ✻3607-							X					
		Line key 8 ✻3608-								X				
		Line key 9 ✻3609-									X			
		Line key 10 ✻3610-										X		
		Line key 11 ✻3611-											X	
		Line key 12 ✻3612-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✻3601-0 X	✻3601-1
		COL 2	✻3602-0 X	✻3602-1
		COL 3	✻3603-0 X	✻3603-1
		COL 4	✻3604-0 X	✻3604-1
		COL 5	✻3605-0 X	✻3605-1
		COL 6	✻3606-0 X	✻3606-1
		COL 7	✻3607-0 X	✻3607-1
		COL 8	✻3608-0 X	✻3608-1
		COL 9	✻3609-0 X	✻3609-1
		COL 10	✻3610-0 X	✻3610-1
		COL 11	✻3611-0 X	✻3611-1
		COL 12	✻3612-0 X	✻3612-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✻3602-0	✻3602-1	✻3602-2 X	✻3602-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✻3606-0 X	✻3606-1	✻3606-2	✻3606-3

Extension No. 36 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※3607-0 X		※3607-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※3605-0	※3605-1 X	※3605-2	※3605-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※3601-0	※3601-1	※3601-2	※3601-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※3603-0 X		※3603-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※3604-0 X		※3604-1	
	Privacy override for outside call	Privacy		No privacy	
		※3609-0 X		※3609-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 3601-1X	※ 3601-2X	※ 3601-3X	※ 3601-4X X
			Night time	※ 3601-X1	※ 3601-X2	※ 3601-X3	※ 3601-X4 X
		COL 2	Daytime	※ 3602-1X	※ 3602-2X	※ 3602-3X	※ 3602-4X X
			Night time	※ 3602-X1	※ 3602-X2	※ 3602-X3	※ 3602-X4 X
		COL 3	Daytime	※ 3603-1X	※ 3603-2X	※ 3603-3X	※ 3603-4X X
			Night time	※ 3603-X1	※ 3603-X2	※ 3603-X3	※ 3603-X4 X
		COL 4	Daytime	※ 3604-1X	※ 3604-2X	※ 3604-3X	※ 3604-4X X
			Night time	※ 3604-X1	※ 3604-X2	※ 3604-X3	※ 3604-X4 X
		COL 5	Daytime	※ 3605-1X	※ 3605-2X	※ 3605-3X	※ 3605-4X X
			Night time	※ 3605-X1	※ 3605-X2	※ 3605-X3	※ 3605-X4 X
		COL 6	Daytime	※ 3606-1X	※ 3606-2X	※ 3606-3X	※ 3606-4X X
			Night time	※ 3606-X1	※ 3606-X2	※ 3606-X3	※ 3606-X4 X
		COL 7	Daytime	※ 3607-1X	※ 3607-2X	※ 3607-3X	※ 3607-4X X
			Night time	※ 3607-X1	※ 3607-X2	※ 3607-X3	※ 3607-X4 X
		COL 8	Daytime	※ 3608-1X	※ 3608-2X	※ 3608-3X	※ 3608-4X X
			Night time	※ 3608-X1	※ 3608-X2	※ 3608-X3	※ 3608-X4 X
		COL 9	Daytime	※ 3609-1X	※ 3609-2X	※ 3609-3X	※ 3609-4X X
			Night time	※ 3609-X1	※ 3609-X2	※ 3609-X3	※ 3609-X4 X
		COL 10	Daytime	※ 3610-1X	※ 3610-2X	※ 3610-3X	※ 3610-4X X
			Night time	※ 3610-X1	※ 3610-X2	※ 3610-X3	※ 3610-X4 X
		COL 11	Daytime	※ 3611-1X	※ 3611-2X	※ 3611-3X	※ 3611-4X X
			Night time	※ 3611-X1	※ 3611-X2	※ 3611-X3	※ 3611-X4 X
		COL 12	Daytime	※ 3612-1X	※ 3612-2X	※ 3612-3X	※ 3612-4X X
			Night time	※ 3612-X1	※ 3612-X2	※ 3612-X3	※ 3612-X4 X

MODE NO.	FEATURE		
6	Restriction on outside calls by system speed dial	Not Restricted	Restricted
		※ 0236-0	※ 0236-1 X

Extension No. 37 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone	Direct station selector
		✱ 3708-0 X	✱ 3708-2

MODE NO.	FEATURE		COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱3701-	X											
		Line key 2 ✱3702-		X										
		Line key 3 ✱3703-			X									
		Line key 4 ✱3704-				X								
		Line key 5 ✱3705-					X							
		Line key 6 ✱3706-						X						
		Line key 7 ✱3707-							X					
		Line key 8 ✱3708-								X				
		Line key 9 ✱3709-									X			
		Line key 10 ✱3710-										X		
		Line key 11 ✱3711-											X	
		Line key 12 ✱3712-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱3701-0 X	✱ 3701-1
		COL 2	✱3702-0 X	✱ 3702-1
		COL 3	✱3703-0 X	✱ 3703-1
		COL 4	✱3704-0 X	✱ 3704-1
		COL 5	✱3705-0 X	✱ 3705-1
		COL 6	✱3706-0 X	✱ 3706-1
		COL 7	✱3707-0 X	✱ 3707-1
		COL 8	✱3708-0 X	✱ 3708-1
		COL 9	✱3709-0 X	✱ 3709-1
		COL 10	✱3710-0 X	✱ 3710-1
		COL 11	✱3711-0 X	✱ 3711-1
		COL 12	✱3712-0 X	✱ 3712-1

MODE NO.	FEATURE				
3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✱3702-0	✱ 3702-1	✱3702-2 X	✱3702-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✱3706-0 X	✱3706-1	✱3706-2	✱3706-3

Extension No. 37 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 3707-0 X		※ 3707-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 3705-0	※ 3705-1 X	※ 3705-2	※ 3705-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 3701-0	※ 3701-1	※ 3701-2	※ 3701-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 3703-0 X		※ 3703-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 3704-0 X		※ 3704-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 3709-0 X		※ 3709-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 3701-1X	※ 3701-2X	※ 3701-3X	※ 3701-4X X
			Night time	※ 3701-X1	※ 3701-X2	※ 3701-X3	※ 3701-X4 X
		COL 2	Daytime	※ 3702-1X	※ 3702-2X	※ 3702-3X	※ 3702-4X X
			Night time	※ 3702-X1	※ 3702-X2	※ 3702-X3	※ 3702-X4 X
		COL 3	Daytime	※ 3703-1X	※ 3703-2X	※ 3703-3X	※ 3703-4X X
			Night time	※ 3703-X1	※ 3703-X2	※ 3703-X3	※ 3703-X4 X
		COL 4	Daytime	※ 3704-1X	※ 3704-2X	※ 3704-3X	※ 3704-4X X
			Night time	※ 3704-X1	※ 3704-X2	※ 3704-X3	※ 3704-X4 X
		COL 5	Daytime	※ 3705-1X	※ 3705-2X	※ 3705-3X	※ 3705-4X X
			Night time	※ 3705-X1	※ 3705-X2	※ 3705-X3	※ 3705-X4 X
		COL 6	Daytime	※ 3706-1X	※ 3706-2X	※ 3706-3X	※ 3706-4X X
			Night time	※ 3706-X1	※ 3706-X2	※ 3706-X3	※ 3706-X4 X
		COL 7	Daytime	※ 3707-1X	※ 3707-2X	※ 3707-3X	※ 3707-4X X
			Night time	※ 3707-X1	※ 3707-X2	※ 3707-X3	※ 3707-X4 X
		COL 8	Daytime	※ 3708-1X	※ 3708-2X	※ 3708-3X	※ 3708-4X X
			Night time	※ 3708-X1	※ 3708-X2	※ 3708-X3	※ 3708-X4 X
		COL 9	Daytime	※ 3709-1X	※ 3709-2X	※ 3709-3X	※ 3709-4X X
			Night time	※ 3709-X1	※ 3709-X2	※ 3709-X3	※ 3709-X4 X
		COL 10	Daytime	※ 3710-1X	※ 3710-2X	※ 3710-3X	※ 3710-4X X
			Night time	※ 3710-X1	※ 3710-X2	※ 3710-X3	※ 3710-X4 X
		COL 11	Daytime	※ 3711-1X	※ 3711-2X	※ 3711-3X	※ 3711-4X X
			Night time	※ 3711-X1	※ 3711-X2	※ 3711-X3	※ 3711-X4 X
		COL 12	Daytime	※ 3712-1X	※ 3712-2X	※ 3712-3X	※ 3712-4X X
			Night time	※ 3712-X1	※ 3712-X2	※ 3712-X3	※ 3712-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0237-0			※ 0237-1 X		

Extension No. 38 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone	Single line telephone
		✱ 3808-0 X	✱ 3808-1

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✱3801-	X											
		Line key 2 ✱3802-		X										
		Line key 3 ✱3803-			X									
		Line key 4 ✱3804-				X								
		Line key 5 ✱3805-					X							
		Line key 6 ✱3806-						X						
		Line key 7 ✱3807-							X					
		Line key 8 ✱3808-								X				
		Line key 9 ✱3809-									X			
		Line key 10 ✱3810-										X		
		Line key 11 ✱3811-											X	
		Line key 12 ✱3812-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✱3801-0 X	✱3801-1
		COL 2	✱3802-0 X	✱3802-1
		COL 3	✱3803-0 X	✱3803-1
		COL 4	✱3804-0 X	✱3804-1
		COL 5	✱3805-0 X	✱3805-1
		COL 6	✱3806-0 X	✱3806-1
		COL 7	✱3807-0 X	✱3807-1
		COL 8	✱3808-0 X	✱3808-1
		COL 9	✱3809-0 X	✱3809-1
		COL 10	✱3810-0 X	✱3810-1
		COL 11	✱3811-0 X	✱3811-1
		COL 12	✱3812-0 X	✱3812-1

MODE NO.	FEATURE				
- 3	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✱3802-0	✱3802-1	✱3802-2 X	✱3802-3
	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✱3806-0 X	✱3806-1	✱3806-2	✱3806-3

Extension No. 38 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone ※ 3807-0 X		Alarm tone ring ※ 3807-1	
	Zone paging	No paging ※ 3805-0	Zone 1 ※ 3805-1 X	Zone 2 ※ 3805-2	Zone 3 ※ 3805-3
	Use of system speed dial group	Neither group A nor group B usable ※ 3801-0	Only group A usable ※ 3801-1	Only group B usable ※ 3801-2	Both groups A and B usable ※ 3801-3 X
	Flexible night service setting	Can not set night mode ※ 3803-0 X		Can set night mode ※ 3803-1	
	Receiving incoming calls in nighttime call mode	No night ring ※ 3804-0 X		Have night ring ※ 3804-1	
	Privacy override for outside call	Privacy ※ 3809-0 X		No privacy ※ 3809-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 3801-1X	※ 3801-2X	※ 3801-3X	※ 3801-4X X
			Night time	※ 3801-X1	※ 3801-X2	※ 3801-X3	※ 3801-X4 X
		COL 2	Daytime	※ 3802-1X	※ 3802-2X	※ 3802-3X	※ 3802-4X X
			Night time	※ 3802-X1	※ 3802-X2	※ 3802-X3	※ 3802-X4 X
		COL 3	Daytime	※ 3803-1X	※ 3803-2X	※ 3803-3X	※ 3803-4X X
			Night time	※ 3803-X1	※ 3803-X2	※ 3803-X3	※ 3803-X4 X
		COL 4	Daytime	※ 3804-1X	※ 3804-2X	※ 3804-3X	※ 3804-4X X
			Night time	※ 3804-X1	※ 3804-X2	※ 3804-X3	※ 3804-X4 X
		COL 5	Daytime	※ 3805-1X	※ 3805-2X	※ 3805-3X	※ 3805-4X X
			Night time	※ 3805-X1	※ 3805-X2	※ 3805-X3	※ 3805-X4 X
		COL 6	Daytime	※ 3806-1X	※ 3806-2X	※ 3806-3X	※ 3806-4X X
			Night time	※ 3806-X1	※ 3806-X2	※ 3806-X3	※ 3806-X4 X
		COL 7	Daytime	※ 3807-1X	※ 3807-2X	※ 3807-3X	※ 3807-4X X
			Night time	※ 3807-X1	※ 3807-X2	※ 3807-X3	※ 3807-X4 X
		COL 8	Daytime	※ 3808-1X	※ 3808-2X	※ 3808-3X	※ 3808-4X X
			Night time	※ 3808-X1	※ 3808-X2	※ 3808-X3	※ 3808-X4 X
		COL 9	Daytime	※ 3809-1X	※ 3809-2X	※ 3809-3X	※ 3809-4X X
			Night time	※ 3809-X1	※ 3809-X2	※ 3809-X3	※ 3809-X4 X
		COL 10	Daytime	※ 3810-1X	※ 3810-2X	※ 3810-3X	※ 3810-4X X
			Night time	※ 3810-X1	※ 3810-X2	※ 3810-X3	※ 3810-X4 X
		COL 11	Daytime	※ 3811-1X	※ 3811-2X	※ 3811-3X	※ 3811-4X X
			Night time	※ 3811-X1	※ 3811-X2	※ 3811-X3	※ 3811-X4 X
		COL 12	Daytime	※ 3812-1X	※ 3812-2X	※ 3812-3X	※ 3812-4X X
			Night time	※ 3812-X1	※ 3812-X2	※ 3812-X3	※ 3812-X4 X
	Restriction on outside calls by system speed dial	Not Restricted ※ 0238-0			Restricted ※ 0238-1 X		

Extension No. 39 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED		
3	Telephone type	Key telephone ※3908-0 X	Single line telephone ※3908-1	Direct station selector ※3908-2

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ※3901-	X											
		Line key 2 ※3902-		X										
		Line key 3 ※3903-			X									
		Line key 4 ※3904-				X								
		Line key 5 ※3905-					X							
		Line key 6 ※3906-						X						
		Line key 7 ※3907-							X					
		Line key 8 ※3908-								X				
		Line key 9 ※3909-									X			
		Line key 10 ※3910-										X		
		Line key 11 ※3911-											X	
		Line key 12 ※3912-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	※3901-0 X	※3901-1
		COL 2	※3902-0 X	※3902-1
		COL 3	※3903-0 X	※3903-1
		COL 4	※3904-0 X	※3904-1
		COL 5	※3905-0 X	※3905-1
		COL 6	※3906-0 X	※3906-1
		COL 7	※3907-0 X	※3907-1
		COL 8	※3908-0 X	※3908-1
		COL 9	※3909-0 X	※3909-1
		COL 10	※3910-0 X	※3910-1
		COL 11	※3911-0 X	※3911-1
		COL 12	※3912-0 X	※3912-1

MODE NO.	FEATURE				
-	Interrupting incoming calls during conversation	No ring ※3902-0	Intercom incoming ring only ※3902-1	COL incoming ring only ※3902-2 X	Intercom and COL incoming ring ※3902-3
3	Incoming calls from door box	No door box ring ※3906-0 X	Only door box A will ring ※3906-1	Only door box B will ring ※3906-2	Both door boxes A and B will ring ※3906-3

Extension No. 39 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※3907-0 X		※3907-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※3905-0	※3905-1 X	※3905-2	※3905-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※3901-0	※3901-1	※3901-2	※3901-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※3903-0 X		※3903-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※3904-0 X		※3904-1	
	Privacy override for outside call	Privacy		No privacy	
		※3909-0 X		※3909-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※3901-1X	※3901-2X	※3901-3X	※3901-4X X
			Night time	※3901-X1	※3901-X2	※3901-X3	※3901-X4 X
		COL 2	Daytime	※3902-1X	※3902-2X	※3902-3X	※3902-4X X
			Night time	※3902-X1	※3902-X2	※3902-X3	※3902-X4 X
		COL 3	Daytime	※3903-1X	※3903-2X	※3903-3X	※3903-4X X
			Night time	※3903-X1	※3903-X2	※3903-X3	※3903-X4 X
		COL 4	Daytime	※3904-1X	※3904-2X	※3904-3X	※3904-4X X
			Night time	※3904-X1	※3904-X2	※3904-X3	※3904-X4 X
		COL 5	Daytime	※3905-1X	※3905-2X	※3905-3X	※3905-4X X
			Night time	※3905-X1	※3905-X2	※3905-X3	※3905-X4 X
		COL 6	Daytime	※3906-1X	※3906-2X	※3906-3X	※3906-4X X
			Night time	※3906-X1	※3906-X2	※3906-X3	※3906-X4 X
		COL 7	Daytime	※3907-1X	※3907-2X	※3907-3X	※3907-4X X
			Night time	※3907-X1	※3907-X2	※3907-X3	※3907-X4 X
		COL 8	Daytime	※3908-1X	※3908-2X	※3908-3X	※3908-4X X
			Night time	※3908-X1	※3908-X2	※3908-X3	※3908-X4 X
		COL 9	Daytime	※3909-1X	※3909-2X	※3909-3X	※3909-4X X
			Night time	※3909-X1	※3909-X2	※3909-X3	※3909-X4 X
		COL 10	Daytime	※3910-1X	※3910-2X	※3910-3X	※3910-4X X
			Night time	※3910-X1	※3910-X2	※3910-X3	※3910-X4 X
		COL 11	Daytime	※3911-1X	※3911-2X	※3911-3X	※3911-4X X
			Night time	※3911-X1	※3911-X2	※3911-X3	※3911-X4 X
		COL 12	Daytime	※3912-1X	※3912-2X	※3912-3X	※3912-4X X
			Night time	※3912-X1	※3912-X2	※3912-X3	※3912-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0239-0			※0239-1 X		

Extension No. 40 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED	
3	Telephone type	Key telephone ✻ 4008-0 X	Single line telephone ✻ 4008-1

MODE NO.	FEATURE		COL No. 01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✻4001-	X											
		Line key 2 ✻4002-		X										
		Line key 3 ✻4003-			X									
		Line key 4 ✻4004-				X								
		Line key 5 ✻4005-					X							
		Line key 6 ✻4006-						X						
		Line key 7 ✻4007-							X					
		Line key 8 ✻4008-								X				
		Line key 9 ✻4009-									X			
		Line key 10 ✻4010-										X		
		Line key 11 ✻4011-											X	
		Line key 12 ✻4012-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✻4001-0 X	✻4001-1
		COL 2	✻4002-0 X	✻4002-1
		COL 3	✻4003-0 X	✻4003-1
		COL 4	✻4004-0 X	✻4004-1
		COL 5	✻4005-0 X	✻4005-1
		COL 6	✻4006-0 X	✻4006-1
		COL 7	✻4007-0 X	✻4007-1
		COL 8	✻4008-0 X	✻4008-1
		COL 9	✻4009-0 X	✻4009-1
		COL 10	✻4010-0 X	✻4010-1
		COL 11	✻4011-0 X	✻4011-1
		COL 12	✻4012-0 X	✻4012-1

MODE NO.	FEATURE				
- 3	Interrupting incoming calls during conversation	No ring ✻4002-0	Intercom incoming ring only ✻4002-1	COL incoming ring only ✻4002-2 X	Intercom and COL incoming ring ✻4002-3
	Incoming calls from door box	No door box ring ✻4006-0 X	Only door box A will ring ✻4006-1	Only door box B will ring ✻4006-2	Both door boxes A and B will ring ✻4006-3

Extension No. 40 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※ 4007-0 X		※ 4007-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※ 4005-0	※ 4005-1 X	※ 4005-2	※ 4005-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※ 4001-0	※ 4001-1	※ 4001-2	※ 4001-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※ 4003-0 X		※ 4003-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※ 4004-0 X		※ 4004-1	
	Privacy override for outside call	Privacy		No privacy	
		※ 4009-0 X		※ 4009-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※ 4001-1X	※ 4001-2X	※ 4001-3X	※ 4001-4X X
			Night time	※ 4001-X1	※ 4001-X2	※ 4001-X3	※ 4001-X4 X
		COL 2	Daytime	※ 4002-1X	※ 4002-2X	※ 4002-3X	※ 4002-4X X
			Night time	※ 4002-X1	※ 4002-X2	※ 4002-X3	※ 4002-X4 X
		COL 3	Daytime	※ 4003-1X	※ 4003-2X	※ 4003-3X	※ 4003-4X X
			Night time	※ 4003-X1	※ 4003-X2	※ 4003-X3	※ 4003-X4 X
		COL 4	Daytime	※ 4004-1X	※ 4004-2X	※ 4004-3X	※ 4004-4X X
			Night time	※ 4004-X1	※ 4004-X2	※ 4004-X3	※ 4004-X4 X
		COL 5	Daytime	※ 4005-1X	※ 4005-2X	※ 4005-3X	※ 4005-4X X
			Night time	※ 4005-X1	※ 4005-X2	※ 4005-X3	※ 4005-X4 X
		COL 6	Daytime	※ 4006-1X	※ 4006-2X	※ 4006-3X	※ 4006-4X X
			Night time	※ 4006-X1	※ 4006-X2	※ 4006-X3	※ 4006-X4 X
		COL 7	Daytime	※ 4007-1X	※ 4007-2X	※ 4007-3X	※ 4007-4X X
			Night time	※ 4007-X1	※ 4007-X2	※ 4007-X3	※ 4007-X4 X
		COL 8	Daytime	※ 4008-1X	※ 4008-2X	※ 4008-3X	※ 4008-4X X
			Night time	※ 4008-X1	※ 4008-X2	※ 4008-X3	※ 4008-X4 X
		COL 9	Daytime	※ 4009-1X	※ 4009-2X	※ 4009-3X	※ 4009-4X X
			Night time	※ 4009-X1	※ 4009-X2	※ 4009-X3	※ 4009-X4 X
		COL 10	Daytime	※ 4010-1X	※ 4010-2X	※ 4010-3X	※ 4010-4X X
			Night time	※ 4010-X1	※ 4010-X2	※ 4010-X3	※ 4010-X4 X
		COL 11	Daytime	※ 4011-1X	※ 4011-2X	※ 4011-3X	※ 4011-4X X
			Night time	※ 4011-X1	※ 4011-X2	※ 4011-X3	※ 4011-X4 X
		COL 12	Daytime	※ 4012-1X	※ 4012-2X	※ 4012-3X	※ 4012-4X X
			Night time	※ 4012-X1	※ 4012-X2	※ 4012-X3	※ 4012-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※ 0240-0			※ 0240-1 X		

Extension No. 41 (OPTION)

Room name:

MODE NO.	FEATURE	OPTION SELECTED		
3	Telephone type	Key telephone	Single line telephone	Direct station selector
		✻4108-0 X	✻4108-1	✻4108-2

MODE NO.	FEATURE		COL No.											
			01	02	03	04	05	06	07	08	09	10	11	12
5	COL assignment for each Line key	Line key 1 ✻4101-	X											
		Line key 2 ✻4102-		X										
		Line key 3 ✻4103-			X									
		Line key 4 ✻4104-				X								
		Line key 5 ✻4105-					X							
		Line key 6 ✻4106-						X						
		Line key 7 ✻4107-							X					
		Line key 8 ✻4108-								X				
		Line key 9 ✻4109-									X			
		Line key 10 ✻4110-										X		
		Line key 11 ✻4111-											X	
		Line key 12 ✻4112-												X

MODE NO.	FEATURE		No ring	Ring
4	Incoming call ringing	COL 1	✻4101-0 X	✻4101-1
		COL 2	✻4102-0 X	✻4102-1
		COL 3	✻4103-0 X	✻4103-1
		COL 4	✻4104-0 X	✻4104-1
		COL 5	✻4105-0 X	✻4105-1
		COL 6	✻4106-0 X	✻4106-1
		COL 7	✻4107-0 X	✻4107-1
		COL 8	✻4108-0 X	✻4108-1
		COL 9	✻4109-0 X	✻4109-1
		COL 10	✻4110-0 X	✻4110-1
		COL 11	✻4111-0 X	✻4111-1
		COL 12	✻4112-0 X	✻4112-1

MODE NO.	FEATURE				
-	Interrupting incoming calls during conversation	No ring	Intercom incoming ring only	COL incoming ring only	Intercom and COL incoming ring
		✻4102-0	✻4102-1	✻4102-2 X	✻4102-3
3	Incoming calls from door box	No door box ring	Only door box A will ring	Only door box B will ring	Both door boxes A and B will ring
		✻4106-0 X	✻4106-1	✻4106-2	✻4106-3

Extension No. 41 (OPTION)

MODE NO.	FEATURE	OPTION SELECTED			
3	Receiving calls from sensor	No alarm tone		Alarm tone ring	
		※4107-0 X		※4107-1	
	Zone paging	No paging	Zone 1	Zone 2	Zone 3
		※4105-0	※4105-1 X	※4105-2	※4105-3
	Use of system speed dial group	Neither group A nor group B usable	Only group A usable	Only group B usable	Both groups A and B usable
		※4101-0	※4101-1	※4101-2	※4101-3 X
	Flexible night service setting	Can not set night mode		Can set night mode	
		※4103-0 X		※4103-1	
	Receiving incoming calls in nighttime call mode	No night ring		Have night ring	
		※4104-0 X		※4104-1	
	Privacy override for outside call	Privacy		No privacy	
		※4109-0 X		※4109-1	

MODE NO.	FEATURE			Class 1	Class 2	Class 3	Class 4
6	Outside dialing restriction class	COL 1	Daytime	※4101-1X	※4101-2X	※4101-3X	※4101-4X X
			Night time	※4101-X1	※4101-X2	※4101-X3	※4101-X4 X
		COL 2	Daytime	※4102-1X	※4102-2X	※4102-3X	※4102-4X X
			Night time	※4102-X1	※4102-X2	※4102-X3	※4102-X4 X
		COL 3	Daytime	※4103-1X	※4103-2X	※4103-3X	※4103-4X X
			Night time	※4103-X1	※4103-X2	※4103-X3	※4103-X4 X
		COL 4	Daytime	※4104-1X	※4104-2X	※4104-3X	※4104-4X X
			Night time	※4104-X1	※4104-X2	※4104-X3	※4104-X4 X
		COL 5	Daytime	※4105-1X	※4105-2X	※4105-3X	※4105-4X X
			Night time	※4105-X1	※4105-X2	※4105-X3	※4105-X4 X
		COL 6	Daytime	※4106-1X	※4106-2X	※4106-3X	※4106-4X X
			Night time	※4106-X1	※4106-X2	※4106-X3	※4106-X4 X
		COL 7	Daytime	※4107-1X	※4107-2X	※4107-3X	※4107-4X X
			Night time	※4107-X1	※4107-X2	※4107-X3	※4107-X4 X
		COL 8	Daytime	※4108-1X	※4108-2X	※4108-3X	※4108-4X X
			Night time	※4108-X1	※4108-X2	※4108-X3	※4108-X4 X
		COL 9	Daytime	※4109-1X	※4109-2X	※4109-3X	※4109-4X X
			Night time	※4109-X1	※4109-X2	※4109-X3	※4109-X4 X
		COL 10	Daytime	※4110-1X	※4110-2X	※4110-3X	※4110-4X X
			Night time	※4110-X1	※4110-X2	※4110-X3	※4110-X4 X
		COL 11	Daytime	※4111-1X	※4111-2X	※4111-3X	※4111-4X X
			Night time	※4111-X1	※4111-X2	※4111-X3	※4111-X4 X
		COL 12	Daytime	※4112-1X	※4112-2X	※4112-3X	※4112-4X X
			Night time	※4112-X1	※4112-X2	※4112-X3	※4112-X4 X
	Restriction on outside calls by system speed dial	Not Restricted			Restricted		
		※0241-0			※0241-1 X		

Priority for simultaneous calling and receiving

The following table shows the line connection priority when simultaneous callings and receivings occur. The prior calling or receiving takes priority of other callings or receivings in all cases other than those marked with a symbol "*" in the table.
The line connection states for later callings or receivings are as shown in the table.

Key telephone

Prior \ Later			Incoming COL call	Hold call reminder	Incoming DSS TEL call	incoming intercom call		incoming door box call	incoming Paging call	incoming sensor signal	Calling via COL	Calling via intercom
						* *	* * *					
During incoming call	Incoming COL call		Standby	Standby	*	BT	BT	IT-2	Stopped	IT-2	*	*
	Hold call reminder		Standby	Standby	*	BT	BT	IT-2	Stopped	IT-2	*	*
	Incoming DSS TEL call		Standby or IT	Standby	—	IT	BT	IT-2	Stopped	IT-2	*	*
	Incoming Intercom call	Voice Paging access	Standby or IT	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	*
		Tone paging access	*	Standby	*	BT	BT	IT-2	Stopped	IT-2	*	*
	Intercom door box		*	Standby	*	*	*	*	Stopped	IT-2	*	*
	Intercom paging call		*	Standby	*	*	*	*	—	IT-2	*	*
During conversation	COL Conversation	* *	IT	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	*
		* * *	Standby	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	*
	Intercom comversation		Standby or IT	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	—
	In talk-back		Standby or IT	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	—
	Door box conversation		Standby or IT	Standby	IT	IT	BT	ICT	Stopped	IT-2	*	—
	Pasing access		Standby or IT	Standby	IT	IT	BT	IT-2	—	IT-2	*	—
	DSS TEL conversation		Standby or IT	Standby	IT	IT	BT	IT-2	Stopped	IT-2	*	—
Incoming sensor signal			*	*	*	*	*	*	*	*	*	*

Single line telephone

Prior \ Later		Incoming COL call	Hold call Reminder	incoming DSS TEL call	Incoming intercom call	Incoming door box call	Hook-up
During incoming call	Incoming COL call	Standby	—	*	BT	ICT	*
	Hold call Reminder	Standby	Standby	*	BT	ICT	*
	Incoming DSS TEL call	Standby	—	—	BT	ICT	*
	Incoming intercom call	*	—	*	BT	ICT	*
During conversation		Standby	—	BT	BT	ICT	—
Incoming door box call		Standby	—	*	BT	ICT	*

NOTE

BT : Busy Tone.
IT : Incoming call during Busy Tone.
IT-2 : Door box being used is set to the IT state.
Standby : Set to the IT state when COL off-hook Signaling is available, or set to the Standby State or IT when the same is not available.
ICT : Incoming signal is heard at TEL under conversation.
* : The prior state will be Standby or Stopped, while the later state will become effective.
* * : When intercom off-hook singaling is available.
* * * : When intercom off-hook signaling is not available.