Digital Key Telephone System

STATION OPERATION MANUAL

Uniphone Telecommunication Co., Ltd.

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STATION OPERATION

※ Please refer to the Programming Manual to program the following programmable flexible function key such as [DSS] key (kind 2 item 46) means you can refer to programming item 46 of kind 2 for setting [DSS] key.

【A】MAKING A CALL

 1. Making An Intercom Call

  1. 1 Off-Hook Dialing

   a. Lift handset.

   b. Dial the called station no. or DSS key. (PGM kind 2 item 46)

   c. To speak when the called party answers.

   d. Hang up the handset after speaking.

  1.2 Full Handsfree (Option, for the key telephone with full handsfree, PGM kind 2 item 20 = 1)

   a. Dial the called station no. or DSS key.

   b. To speak when the called party answers.

   c. Press "SPKR" key when the called party hang up the call.

 Remarks: 1. It is available to call the called party by voice call or ringing call and change the type by pressing "PAGE" key.

2. If the called party uses full handsfree telephone and set up "allowed" to be started speaker directly (PGM kind 2 item 57), you can dial the called station no. or DSS key and then press "*" key to speak with him directly.

2.Making An Outgoing Call

2.1 Off-Hook Dialing
a. Lift handset.
b. Press any idle CO line key or assigned CO line key or press "0" operation code (function no.24) to hunt any idle CO line.
c. Dial the outgoing telephone no. when hear the CO dialing tone.
d. To speak when the called party answers.
e. Hang up the handset after speaking.

2.2 Full Handsfree (Option, for the key telephone with full handsfree)
a. Press any idle CO line key or assigned CO line key or press "0" operation code (function no.24) to hunt any idle CO line.
b. Dial the outgoing telephone number when hearing the CO dial tone.
c. To speak when the called party answers.
d. Press "SPKR" key to hang up the call after speaking.

【B】 ANSWERING A CALL

　　1. Answering An Intercom / CO Incoming Call

　　　1.1 Lift the handset directly when the telephone set is ringing.

　　　1.2 Press "SPKR" key (for handsfree keyphone) when the telephone set
　　　　　is ringing.

　　2. Call Pick-up (also for single line telephone)

　　　2.1 Pick up any call: Press "system pick up" key (PGM kind 2 item 46)
　　　　　　　　　　　　　or press "*108" operation code (function no.8).

　　　2.2 Group pick up

　　　　　2.2.1 The same group is ringing and press the "G-UP" key or press
　　　　　　　　"*6" operation code (function no.7)

　　　　　2.2.2 Set the PGM kind 2 item 60 to be "1".

　　　　　　　　Operation: Lift the handset to be "group pick-up" automatically.

　　　2.3 Individual pick up (also for single line telephone)

　　　　　2.3.1 Press the "individual pick-up" key (PGM kind 2 item 46) or
　　　　　　　　press "*106" operation code (function no.6) and then press the
　　　　　　　　ringing station no.

　　　　　2.3.2 Set the auto pick-up station no. (PGM kind 2 item 61).

　　　　　　　　Operation: Lift the handset to answer the ringing phone
　　　　　　　　　　　　　automatically.

3. Answering Page Call

    3.1 By paged station

        1. For digital keyphone → Lift handset → press "#" key → speak to the paging party

        2. For single line telephone → Press "*6" operation code (function no.7) → press "#" key → speak to the paging party

    3.2 Not by paged station

        a. Lift handset.

        b. Press "G-UP" key (PGM kind 2 item 46) or press "*6" operation code (function no.7)

        c. Press "PAGE" key or "#" and speak to the paging party.

【C】 DIALING MODE

    1. Speed Dialing Number Setting (also for single line telephone)

        1.1 System speed dialing and individual speed dialing could be programmed 0000-1999 numbers (PGM kind 1 item 70, 72). Each number Max. 32 digits. (Default→ system speed dialing: 90 numbers, individual speed dialing: 25 numbers)

        1.2 System speed dialing number: (kind 2 item 19 = 1)

          a. Setup: Press "SPD" key → # → Speed dial number (00~89) → Telephone number → "SPKR" key

          b. Cancel: The first digit press "*" key.

1.3 Individual speed dialing number setup for keyphone set:

Setup (3 ways are available):

Way 1. Press "SPD" key → # → Individual speed number
(900~924) → telephone number → "SPKR" key
Cancel: The first digit press "*" key.

Way 2. Press "SPD" key → # → "one-touch" key (function no.22)
→ telephone number → "SPKR" key

Way 3. Press "SPD" key → # → Press 1st CO line key (TK1) →
telephone number → "SPKR" key

Remark: The 1st CO line key means the individual speed dialing
number 900, the 2nd CO line key means individual speed
dialing number 901 and so on.

1.4 Speed dialing number for single line telephone:

Lift the handset → # (function no.4) → # → individual speed dial
number (900~924) → telephone number→ hang up the handset

2. Speed Dialing:

2.1 System speed dialing: Press "SPD" key → System speed dial
number (00~89)

2.2 Individual speed dialing: (3 ways are available)

Way 1. Press "SPD" key → Individual dial number (900~924)

Way 2. Press "SPD" key → Press the setup CO line key (such as TK1)

Way 3. Press "one-touch" key

2.3 Speed dialing for single line telephone: Press # (function no.4) → individual dial number (900~924)

3. Memory Dialing

To memorize a telephone number during speaking and redial the memorized telephone number after hang up the call.

3.1 To memorize the telephone number which is told by your call party.
   a. Press "MEMO" key (PGM kind 2 item 46) during speaking on a call.
   b. Enter the told telephone number.
   c. Press "MEMO" key and the "MEMO" key's LED "ON".

3.2 Making A Memory Redial: (two ways are available)

   a. Press "MEMO" key → auto catch CO line to dial out
   b. Press any idle CO line key → press "MEMO" key

4. Last Number Redial (two ways are available)

  Way 1. Press "REDIAL" key or "*7" operation code (function no.19).
  Way 2. Press any idle CO line key and press "REDIAL" key.

 5. Auto Redial
   a. Press "Auto Redial" key (PGM kind 2 item 46) or press "*8" operation
      code (function no.20)
   b. The related PGM item: kind 1 item 45, 46

 6. Pause for Outgoing Call Dialing

   When dial a pager call, you can press "HOLD" key for a "PAUSE" in
   order to make the last number redial.

 7. To Change The CO Dialing From Pulse To DTMF

   Press "*" or "#" during dialing a CO call, the pulse dialing will be
   changed to DTMF dialing automatically.

【D】SPEAKING ON A CALL
  1. Hold
    1.1 Intercom or CO call Hold: Press "HOLD" key.

1.2 CO Call Exclusive Hold (two ways are available)

    a. Press "HOLD" key twice (Only the original holding station can
      retrieve the held CO call.)
    b. Press "Exclusive Hold" key (PGM kind 2 item 46) or the operation
      code (function no.87) during talking on a CO call.

1.3 To Retrieve the holding CO call (two ways are available)

    a. Press the slow blinking CO key or press the held CO line code
      (e.g. press *001 to catch the TK1).
    b. Press the operation code (function no.37) to retrieve the holding
      CO call.

1.4 To Retrieve holding intercom call (two ways are available)
    a. Dial the station no. or the operation code (function no.36).
    b. Press the slow blinking DSS key.

2. Transfer
  2.1 Hold and Transfer
    a. Press "HOLD" key.
    b. Dial the called station number → Tell the call message to called
      party.

c. Hang up the handset.

(Remark: pick-up the hold call →

a) CO call: Press the slow blinking CO line key.

b) Intercom call: Press the station no.

2.2 Direct Transfer

a. Press "TRAN" key or "FLASH".

b. Dial the called station number.

c. Hang up the handset when hear the ringing back tone.

2.3 Consulting Transfer

2.3.1 Press "TRAN" key or "FLASH".

2.3.2 Dial the called station number and consult with the called party to answer.

a. If the called party will not answer, just hang up his handset and the transferring party presses "TRAN" or "FLASH" key to speak to the calling party and then hang up the handset.

b. If the called party will answer, the transferring party hangs up handset directly.

2.4 Broker's call

2.4.1 During speaking on a call, press "TRAN" or "FLASH" and then dial a new call or answer other incoming call. (The 1st call will be held temporary and hears the music on hold.)

2.4.2 Press "TRAN" to switch the 1st and the 2nd call.

2.5 Conference call (PGM kind 2 item 136) (also for single line
 telephone)
  2.5.1 Join The Conference Call
    Press "TRAN" key or "FLASH" → Dial the joiner's station
    number or telephone no. → Press "TRAN" key during
    speaking

  2.5.2 Release The Conference Call
    Any party can hang up to leave three parties conference,
    another two parties continue speaking. If another two parties
    are CO lines, the call will be cut off immediately.

2.6 CO Flash (two ways are available)

  Use this function to operate some of PTT service or the
   (programmable) flash of PABX.

  a. To press "Flash" key (PGM kind 2 item 46) directly if the
     telephone set has set this function key.
  b. Press "TRAN" key and then the operation code (function no.94).

2.7 CO Recall Flash (two ways are available)

  If dial a wrong telephone number or speaking on a call and wish to
   cut the existing call and then access the same CO line to make

another outgoing call, you can use this function.

    a. Press "Recall" key (PGM kind 2 item 46) directly if the telephone
       has set this function key.

    b. Press "TRAN" key and then the operation code (function no.95).

2.8 Receiving Volume Control

Press "▲" or "▼" on VOLUME key to control the receiving volume.
(There are 32 segments for the volume control)

2.9 Open The Electric Door Lock

Press "#" key during speaking with the doorphone.

【E】 PAGE

1. Station Group Page

Lift handset → Press "PAGE" key → Enter the page group number
(PGM kind 2 item 13) → Press "PAGE" key → Voice Page

2. Station All Page

Lift handset → Press "PAGE" key twice → Voice Page
Lift handset → Press "#" key → Answer the Page

3. External Page

Press the CO line key which is connected with the Amplifier trunk relay
→ Broadcast

Remark: 1. SLT (single line telephone) all page to keyphone: Press the
operation code (function no.33) → #

2. SLT group page to keyphone: Press the operation code
(function no.33) → Enter the
group number → #

【F】 NO ANSWER
1. Message Waiting
Dial a station number but no answer. Light up a message LED to
remind call back.

1.1 If no answer when dial a station number, to press "MSG" key
(Message Waiting) (PGM kind 2 item 46) and the called station's
"MSG" LED "ON" → Hang up the handset to wait calling back

2. Call Back To The Message Waiting Party (also for single line
telephone)
2.1 For digital keyphone → a. Lift handset
b. Press "MSG" key or the operation code
(function no.47) → The message

calling party's station ringing → Speak

2.2 For single line telephone → a. Lift handset

b. Hear the warning tone for message

waiting → press the operation

code (function no.47) → Speak

3. Absent Station Message

When leaving the station, you can leave any of the following message
by the following operation.

a. Press "AMSG" (Absent Station Message) key (PGM kind 2 item 46)

b. Press "1-5" code (refer to below table).

c. Enter Time or Date.

Code	nnnn	LCD display		Meaning
0				Cancel the Absent Message
1	1530	Return	15:30	Will come back at 15:30
2	1030	Meeting	10:30	Meeting end at 10:30
3	1320	At Lunch	13:20	Lunch end at 13:20
4	0329	Vacation	03/29	March 29, Vacation
5	1222	Return Day	12/22	Will come back on Dec. 22

【G】STATION / CO LINE IS BUSY

1. CO Camp-on

CO incoming call can camp-on a busy station.

1.1 Transfer a CO call to a busy station → Hang up the handset directly → The busy station user will hear the busy warning tone (PGM kind 2 item 122)

1.2 Answer A Camp-on Call

    1.2.1 The busy station user hangs up the handset → His station ringing → Lift the handset → Speak

    1.2.2 The busy station user pressing the camp-on CO line key directly when he is on line and hears the camp-on warning tone → Speak

1.3 Retrieve The Camp-On Call

    1.3.1 Press "Individual Pick-up" key (PGM kind 2 item 46) or "*106" operation code (function no.6) → Dial the camp-on station number

    1.3.2 Press "Individual Pick-up" key → Press the CO line number

2. Busy Station Override (also for single line telephone)

    a. Hear busy tone after dial station number or press CO line key. Press "OVER" (Busy Station Override) key (PGM kind 2 item 46) or the operation code (function no.90) and waiting about 3 seconds (PGM kind 1 item 56) → Speak to the called station (If the station speaks on a CO call, the CO call will be held and the called party

will hear the override warning tone.)

b. The overridden party can press "TRAN" key to speak to the overrider directly. After speaking, the overriden party can press "TRAN" key to talk with the original called party.

Remarks: 1. The class of override service including 99 classes (PGM kind 2, item 42).

2. The higher class station can override the lower class of busy station.

3. The same class of stations can override each other.

4. The station class "0" can not override any busy station.

3. Busy Station/Trunk Queuing

3.1 Busy Station Queuing

a. When the called station is busy → Press "RSV" (Reservation) key (PGM kind 2 item 46) or the operation code (function no.86) → Hang up the handset

b. When the busy station hang up → The called station ringing → The user lift handset →The reserved calling station ringing → Speak

3.2 Busy Trunk Queuing

a. When press "0" to hunt CO line and all trunk lines are busy → Press "RSV" (Reservation) key (PGM kind 2 item 46) or the operation code (function no.86) → Hang up the handset

b. When there is any trunk line is idle → The reserved station

ringing → Lift handset to hunt the idle CO line automatically

【H】STATION OPERATION FUNCTION SETUP

1. Call Forwarding

1.1 All Calls Forwarding

a. Setup: Press "FWD" key (PGM kind 2 item 46) or the operation

code (function no.2) → Press "1" → Press the

destination station no.

b. Cancel: Press "FWD" key or the operation code (function no.2) →

Press "0"

1.2 Day Busy Call Forwarding

a. Setup: Press "FWD" key or the operation code (function no.2) →

Press "3" → Press the destination station no.

b. Cancel: Press "FWD" key or the operation code (function no.2) →

Press "2"

1.3 Night Busy Call Forwarding (PGM kind 1 item 23)

a. Setup: Press "FWD" key or the operation code (function no.2) →

Press "5" → Press the destination station no.

b. Cancel: Press "FWD" key or the operation code (function no.2) →

Press "4"

1.4 Day No Answer Call Forwarding

    a. Setup: Press "FWD" key or the operation code (function no.2) →

              Press "7" → Press the destination station no.

    b. Cancel: Press "FWD" key or the operation code (function no.2) →

              Press "6"

1.5 Night No Answer Call Forwarding

    a. Setup: Press "FWD" key or the operation code (function no.2) →

              Press "9" → Press the destination station no.

    b. Cancel: Press "FWD" key or the operation code (function no.2) →

              Press "8"

2. Do Not Disturb (PGM kind 2 item 1)

  2.1 Press "DND" key (PGM kind 2 item 46) or the operation code
     (function no.11) → Enter the kind of DND (2〜5) (0: Cancel all
     DND 2: Intercom call DND 3: CO Incoming call DND 4: Doorphone
     DND 5: All do not disturb) → Press "HOLD" key → "DND" LED
     ON

  2.2 Press "Set/Cancel Do Not Disturb" key or "*129" operation code
     (function no.29) → "Set/Cancel Do Not Disturb" LED ON → All
     do not disturb

  2.3 Press " Set/Cancel Do Not Disturb" key or "*129" operation code
     (function no.29) → "Set/Cancel Do Not Disturb" LED OFF →

Cancel all do not disturb

2.4 The registered Attendant Telephone can connect with the "DND" station by pressing the override key.

3. Password Lock

3.1 Setup: Press "PASS" key or operation code (Function no.15) → Enter password (4 digits) → "PASS" key's LED ON

3.2 Cancel password lock: When "PASS" key's LED ON → Press "PASS" key → Enter password → "PASS" LED OFF and password lock be cancelled.

3.3 To Change The Password Lock Code

a. Press "Change Password" key (PGM kind 2 item 46) or the operation code (function no.15) or press "PASS" key twice within 1.2 seconds.

b. Press the initial setting password if it has the old password.

c. Enter the new password code.

d. Enter the same new password code again to confirm it.

4. Ringing Volume Control

4.1 Press "▲" or "▼" of "VOLUME" key to increase or decrease the Ringing Volume during ringing.

4.2 Press "Ringing Volume" key (PGM kind 2 item 46) or "*154" operation code (function no.54) and then press the "▲" or "▼" on the volume key, it also can use the digital key 0~7 to change the ringing volume.

◎Amending Item as follows: by pressing "*" ,"#"

1. Volume of background music
2. CO call receiving volume of handset
3. CO call receiving volume of handsfree
4. Internal call receiving volume of handset
5. Internal call receiving volume of handsfree set
6. Alarm volume
7. Ringing volume
8. Page volume
9. Volume of pressing key tone

5. Alarm Call

5.1 There are 6 groups of alarm on each station [ALARM KEY] [ALARM 2] [ALARM 3] [ALARM 4] [ALARM 5] [ALARM 6]

PS: alarm2, 3, 4, 5, 6 must be programmed. Refer to Appendix I → program manual

5.2 One Time Alarm (PGM kind 1 item 25)

Press "ALM" (ALARM) key or "*5" operation code (function no.0) and then enter 4 digit of alarm time (example: 0830).

5.3 Every Assigned Week Day Alarm

    a. Press "ALM" key or "*5" operation code (function no.0) and then
       press "*" key.

    b. Enter the ending day of a week "1～7" (system initial setting start
       from Monday).

    c. Enter 4 digit of alarm time
      Example: *5→*60830 (Alarm from every Monday to every
      Saturday at 8:30)

5.4 Cancel Alarm Call

Press "ALM" key or "*5" operation code (function no.0) and then
press "*" → Press "SPKR" key to hang up.

5.5 Answer Alarm Call

    5.5.1 Pick up the handset directly to answer the ringing station
       (PGM kind 1 item 14).

    5.5.2 Press "Pick-up" key (PGM kind 2 item 46) to pick up alarm call
       for the same group.

【I】 BACKGROUND MUSIC

Press "Background Music" key (PGM kind 2 item 46) or "*148" operation code (function no.48). (One time → Start → Press it again → Stop)

【J】 REMOVING STATION CLASS

When you will use another telephone set to make an outgoing call but the station class is not enough to make the outgoing call, you can use this function to make the outgoing call, but the call bill will be recorded in your own station.

1. Press the operation code (function no.40)
2. Enter your own station number.
3. Enter your own station password number (PGM kind 2 item 23) ("0000" not included).
4. Dial outgoing call number.
5. The function will be released automatically when you hang up the handset.

【K】 TEST

Press "Test" key or "***2" operation code (function no.111) → Display "Test Item:" → Enter Test Item No. (0-5 as follows)

1. Software Test

   a. Press "0" → Display system MPU software version

   b. Press "HOLD" key → Release

2. LED & Flexible Function Key Test

  Press "1" → The flexible function key's LED "ON" and "OFF" in
  sequence. → Press any digital key or function key (except "HOLD"
  and "SPKR" key) → Display the key code.

3. LED & Flexible Function Key Test

  Press "2" → The LED "ON" in sequence and "OFF" in sequence after
  all LED are "ON".

4. LED & Key Selected Test

  Press "3" and then press "VOLUME" key ("▲" or "▼") or "*" or "#" →
  Selected key's LED test

5. Link Test

  Press "4" and then press "VOLUME" key ("▲" or "▼") → Select line
  (If the Link is used by other person, it can not be selected and will jump
  over. The tone source can be changed by digital key.)

6. DTMF Transmission And Receiving Test

Press "5" → Display good or bad procedure of DTMF Tx or Rx.

7. Each LED & Flexible Function Key Test

Press "6" → Press each key in sequence → The LED "ON" one by one in sequence.

【L】 SYSTEM SERVER AND GROUP SERVER (Attendant Console)

1. System Date And Time Setup

Press "***5" operation code (function no.114) → Display
YY-MM-W-HH-MM → Enter year - month - weekly day - hour - minute.
                                  00-99   01-12   1-7   00-23 00-59
(If you do not correct the time, just press "#")

Remark: It only can be setup by the allowed programming stations or system server.

2. Check In Setup (PGM kind 2 item 31)

Press "CI" (Check In) key (PGM kind 2 item 46) or operation code (function no.62) and then press the station No. → Display the status of Check In/Check Out.

2.1 Press "HOLD" key → Setup Check In status → Display Check In/
    Check Out status of the next station.

    Remarks: 1. In RS-232, it sends out "CI", station No., 0DH, 0AH.

             2. To clear the station's data, please refer to item "CI" in
              RS-232.

2.2 Press "TRAN" key → Setup normal status → Display CI/CO
    status of the next station.

    Remark: In RS-232, it sends out "C_NORMAL" station No., 0DH,
            0AH.

2.3 Press"▲" of VOLUME key → Display CI/CO status of the last
    station.

2.4 Press "▼" of VOLUME key → Display CI/CO status of the next
    station.

3. Check Out Setup (PGM kind 2 item 31)

Press "CO" (Check Out) key (PGM kind 2 item 46) or operation code
(function no.63) and then press the station No. → Display the status of
CI/CO.

3.1 Press "HOLD" key → Setup Check Out status → Display CI/CO
    status of the next station.

Remarks: 1. In RS-232, it sends out "CO", station No., 0DH, 0AH.

           2. To clear the station's data, please refer to item "CO" in RS-232.

3.2 Press "TRAN" key → Setup normal status → Display CI/CO status of next station.

   Remark: In RS-232, it sends out "C_NORMAL" station No., 0DH, 0AH.

3.3 Press "▲" of VOLUME key → Display CI/CO status of the last station.

3.4 Press "▼" of VOLUME key → Display CI/CO status of the next station.

4. Morning Call

Press "Morning Call" key (PGM kind 2 item 46) or the operation code (function no.68) and then press the station no. → Display the setting status.

4.1 Press "HOLD" key → Confirm Alarm Time and display the setting status of the next station.

4.2 Press "TRAN" key → Confirm Alarm Time and copy the same to
     the next station and display the setting status of next station.

4.3 Press "SPD" key → Cancel the new setting alarm time → Display
     the original setting status

4.4 Press "▲" of VOLUME key → Cancel and display the setting
     status for the last station.

4.5 Press "▼" of VOLUME key → Cancel and display the setting
     status for the next station.

【M】 OTHER FEATURES OPERATION

1. Password Lock

   To avoid the unauthorized usage of your station.

   1.1 To Setup

      Press "PASS" key or code, then enter your password code (4 -digit)
       → LED "ON" if the function key has been setup.

   1.2 To Cancel

      Press "PASS" key or code, then enter your password code (4-digit)

→ LED "OFF" if the function key has been setup.

1.3 To Change The Password Lock Code

   a. Press "Change Password" key (PGM kind 2 item 46) or the operation code (function no.15) or press "PASS" key twice within 1.2 seconds.

   b. Press the initial setting password if it has the old password.

   c. Enter the new password code.

   d. Enter the same new password code again to confirm it.

2. Manager Password (PGM kind 1 item 40)

Press "Manager Password" key (PGM kind 2 item 46) or "*114" operation code (function no.14) → Enter the manager password → Dial any outgoing telephone number without any station class limitation.

3. Night Transfer

Press "Night Transfer" key (PGM kind 2 item 46) or "*164" operation code (function no.64) and then enter the Night Transfer Password (PGM kind 1 item 5).

3.1 Press "HOLD" or "#" key → Confirm the setting mode.

3.2 Press "TRAN" key → Setting normal status (Day or Time control)

3.3 Press "VOLUME" key or "NUMBER" key (0~9, *, #) → To select

   the setting mode as follows:

0: Day time status

1: System night transfer only

2: Station class night transfer only

3: System and station class night transfer

4: System night transfer only

5: Station class night transfer only

6: System and station class night transfer

7: System night transfer only

8: Station class night transfer only

9: System and station class night transfer

*: Day time mode

Remarks: 1. Number 4, 5, 6 has to match the first section of special

            announce of UDF2-DISA.

         2. Number 7, 8, 9 has to match the second section of

            special announce of UDF2-DISA.

        3. Refer to PGM kind 2, item 45 to setup Night Transfer

            function key or refer to function no.64 to setup the

            operation code.

        4. Refer to PGM kind 1, item 05 to setup the night transfer

            password.

【N】ACCOUNT CODE (Option, match to RS-232 interface)

    1. Outgoing call: Press operation code (function no.59) → Account
                    Code (4 digits) → CO line key (or dial "0") →
                    Telephone No.

      Remark: Refer to PGM kind 11 to setup 400 groups of account code
                  and it will be printed on 12th-16th digit of simple countering.

    2. Incoming call: During the talking on a call → press "PAGE" key →
    Enter any 4 digits (you can use "*" key to re-enter it and it will be
    printed on 54th-57th digit of simple countering)

【O】CALL PARK CODE

    During talking → press "TRAN" → call park code (*158) + 0~9 any
    digit

    Retrieve: Press "Call Park Code" or "*158" operation code (function
              no.58) → press number key or held CO line

【P】AUTOMATIC ROUTE SELECTION (ARS)

    Lift handset → press ARS code → telephone number + [#] key
    Remark: [#] key can speed up the dialing

【Q】CO TO CO NUMBER SETTING (PGM kind 3 item 53)

1. Setting the number: Press the operation code (function no.18) →
Assign CO line key → "HOLD" key → CO to
CO telephone number → "HOLD" key

Cancel the number: Press the operation code (function no.18) →
Assign CO line key → "*" key → "HOLD" key

2. Activate CO to CO: Press "CO to CO" key (PGM kind 2, item 46) or
the operation code (function no.23) → Enter
night transfer password (PGM kind 1item 5) →
LED ON

Cancel CO to CO: Press "CO to CO" key or the operation code
(function no.23) → Enter night transfer password
(PGM kind 1item 5) → LED OFF

【R】CALLER ID NUMBER CHECKING

System : Press "SPD" key → "PAGE"; Press "▲" or "▼" of "VOLUME"
key to check 350 numbers
Individual : Press "SPD" key → "HOLD"; Press "▲" or "▼" of
"VOLUME" key to check 20 numbers

Call back : Press "REDIAL" key

Cancel the CID : Press "*" key

【S】 USER'S NAME SETUP

There are two ways to input the user's name:

1. To input on keyphone：***6 (PGM kind 6, item 115) → key in

personal user's name

2. To input on programmer：Kind 27 → key in all user's name

Remarks:

a) Max. 8 characters.

b) Key in ASCII (Symbol、Number、English Alphabet) as following

synopsis:

ASCII Table

	Low 4-bit															
High 4-bit	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
2		!	"	#	$	%	&	'	(	)	∗	+	,	−	·	╱
3	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5	P	Q	R	S	T	U	V	W	X	Y	Z	〔	╲	〕	⌢	＿
6	'	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
7	p	q	r	s	t	u	v	w	x	y	z	{	|	}		

Remark: For setting the code of "A", "B", "C", "D" "E" & "F", press CO line

keys TK1, TK2, TK3, TK4, TK5 & TK6 as follows:

Low 4-bit	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Phone Key	0	1	2	3	4	5	6	7	8	9	TK1	TK2	TK3	TK4	TK5	TK6

[Simple Table]

A=41   B=42   C=43   D=44   E=45 F=46 G=47 H=48 I=49 J=4A

K=4B   L=4C   M=4D   N=4E O=4F P=50 Q=51 R=52 S=53 T=54

U=55   V=56   W=57   X=58   Y=59 Z=5A

----

a=61   b=62   c=63   d=64   e=65   f=66   g=67   h=68   i=69   j=6A

k=6B   l=6C   m=6D   n=6E   o=6F   p=70   q=71   r=72   s=73   t=74

u=75   v=76   w=77   x=78   y=79   z=7A

Ex：The user's name of station no.20 is **John.T** (ASCII: <u>4A</u> <u>6F</u> <u>68</u> <u>6E</u> <u>2E</u> <u>54</u>)

Operations:

Way 1. Direct to press ***6 → press 4+TK1+6+TK6+6+8+6+TK5+2+TK5+5+4
      → HOLD

Way 2. Refer to kind 27 → press 4+TK1+6+TK6+6+8+6+TK5+2+TK5+5+4
      → HOLD

P.S. You can refer to the directory of all users' names on function no. **F51**
    (operation code: *151). Then select the station you would like to call.
    → press *151 → press Volume "▲" or "▼" to select the station user's
    name → press "HOLD" → dial out

Appendix Ⅰ.Programmable function, function name and operation code list

FUTN. No.	Function Name	OPRTN. Code	FUTN. No.	Function Name	OPRTN. Code
0	Alarm call-1	*5	26	Assign CO line	*0
1	Call group		27	Setup all "DND"	
2	Call forwarding	*102	28	To clear all "DND"	
3	Disconnecting key		29	Set/Cancel "DND"	*129
4	Speed dialing	#	30		
5	Activate SLT function key		31	LCR/ARS code	
			32	One-touch continuously dialing	
6	Individual pick-up	*106			
7	Group pick-up	*6	33	Page to keyphone	
8	System pick-up	*108	34	Hot line key	
9	Call my group server		35		
10	Call system server	9	36	Retrieve the holding intercom call	
11	Set "DND" or cancel				
12	Absent station message		37	Retrieve the holding intercom CO call	
13	Call group server		38		
14	Manager password	*114	39		
15	Password lock		40	Remove station class of service	
16	Change password				
17	DISA password		41	PBX (1) CO line auto hunting	
18	Set CO to CO telephone no.				
			42	PBX (2) CO line auto hunting	
19	Redial	*7			
20	Auto-Redial	*8	43	Station auto hunting	
21	Conference call		44	Cancel message waiting	
22	One-touch dialing		45	Set message waiting	
23	Activate Auto call forwarding-CO to CO		46	Memory dialing	
			47	Message waiting & call back	
24	CO line auto hunting	0			
25	Answer CO incoming call	*125	48	Background music	*148
			49	Mute	

FUTN. No.	Function Name	OPRTN. Code	FUTN. No.	Function Name	OPRTN. Code
50	Handsfree MIC switch		81		
51	User's name directory	*151	82		
52			83		
53			84		
54	Volume control	*154	85	On-line recording	
55	Retrieve flexible function key		86	Busy trunk/station queuing	
			87	Exclusive hold	
56	Start "TRAN" key to join conference call		88	Hold	
			89		
57	Start the auto-answer		90	Busy station override	
58	Call park code	*158	91		
59	Account code		92		
60	Message display LED on DSS		93		
			94	Direct CO flash	
61	Room Service		95	Direct CO recall flash	
62	Check-in		96	Activate CO to CO (manual)	
63	Check-out		97	Pause key for dialing CO call	
64	Night transfer	*164	98		
65			99		
66			100		
67			101		
68	Morning call		102		
69			103		
70			104		
71			105		
72			106		
73	Alarm call-2		107		
74	Alarm call-3		108		
75	Alarm call-4		109	Asking remote programming	***1
76	Alarm call-5				
77	Alarm call-6		110	Execute remote programming service	***0
78	Day call forward telephone no.	*178			
79	Night call forward telephone no.	*179	111	Test	***2
80			112		

FUTN. No.	Function Name	OPRTN. Code	FUTN. No.	Function Name	OPRTN. Code
113	Set program	***4			
114	Set time display of system	***5			
115	User's name setup	***6			
116					
117					
118					
119					
120					
121					
122					
123					
124					
125					
143	Earphone				
146	Hook function				
147	Second dialing tone				
148	ISDN service key				
160					
161					
162					
163	Speed dialing key				
164					
168	Incoming directive A				
169	Incoming directive B				
170	Door incoming function key				
171	Enhance incoming group directive				

Appendix Ⅱ. <u>Programmable Flexible Function List</u>

Abbreviation	Full Name	Abbreviation	Full Name
FWD	Call Forwarding	G-UP	Group Pick-up
BGM	Background Music	P-UP	Individual Pick-up
MSG	Message Waiting	AMSG	Absent Station Message
OVER	Busy Station Override	NIGH	Night Transfer
RSV	Busy Station Queuing	CLAS	Class of Service
EX-H	Exclusive Hold	DND	Do Not Disturb
CONF	Conference Call	MIC	Microphone (Full Handsfree)
PASS	Password Lock	G-SV	Group Service
ALM	Alarm Call/Remind Call	MC	Morning Call
MEMO	Dial Memory	DO 1, DO 2	Doorphone 1-2

Appendix Ⅲ. <u>Single Line Telephone User's Guide</u>

Feature	Operation
Making an Intercom call	☎ → [▦] Extension number → ☎^{talk}
Making an Outgoing call	☎ → ⓪^{OPER} Auto CO hunting → [▦] Telephone number → ☎^{talk}
CO line Assignment	☎ → (＊)(0^{OPER})(0^{OPER})(1) → [▦] Telephone number → ☎^{talk} *0 means operation code 01 means 1st CO line
CO Transfer	Direct Transfer : ☎^{talk} ┐ Knock"Hook"or press"Flash"key → [▦] Extension → ☎ Consulting Transfer : ☎^{talk} ┘ → ☎^{talk} Remark 1 : If the called party will not answer or busy→Knock"Hook"or press"Flash"key→Retrieve the CO line 2 : If the called party will answer→The transferring party hangs up handset directly ┘
CO Redial	☎ → (＊)(7^{PQRS}) → ☎^{talk}
Call Pick-up	For the same group : ☎ → (＊)(6^{MNO}) → ☎^{talk} For different group : ☎ → (＊)(1)(0^{OPER})(8^{TUV}) → ☎^{talk}
System Speed Dial	Dialing : ☎ → (#) → [▦] Speed dial code(00~89) → ☎^{talk} Remark : System speed dial code will be stored by programmer
Individual Speed Dial	Dialing : ☎ → (#) → [▦] Speed dial code(900~924) → ☎^{talk} Setup or Cancel : ☎ → (#)(#) → [▦] Speed dial code(900~924) → [▦] (Setup the telephone number or first digit press"＊"to cancel) → ☎
Remind call (Alarm call)	Setup or Cancel : ☎ → (＊)(5^{JKL}) → [▦] Input time(hh:mm)24H or (＊) Cancel → ☎
Do Not Disturb	Setup or Cancel : ☎ → (＊)(1)(2^{ABC})(9^{WXYZ}) → ☎ Remark : Hear a long tone after setting ; press the operation code again to cancel and hear 3 short tone

※ All specifications and details are subject to change without notice.