TOSHIBA

LIQUID CRYSTAL DISPLAY FEATURES D I G I T A L T E L E P H O N E U S E R G U I D E

USINESS STRATA DK

DIGITAL KEY TELEPHONE SYSTEMS STRATA DK280



Strata[®] DK280

LIQUID CRYSTAL DISPLAY FEATURES DIGITAL TELEPHONE USER GUIDE

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FIGURE LIST

Figure

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GENERAL DESCRIPTION

The STRATA® DK 2000-series Digital Liquid Crystal Display (LCD) telephone provides you with display information and feature prompting to make call handling more efficient.

The LCD Feature Prompting with Soft Keys provides a quick and easy way to access frequently-used features. If this feature is activated at your station, abbreviated feature prompts help guide you through the steps to performing specific tasks.

In addition, the LCD telephones provide you with Alphanumeric Messaging, Busy Lamp Field (BLF) Identification, Central Office (CO) Line Identification, Timed Reminders with Messaging, Speed Dial Memo Directory Dialing, Intercom User Name/Number Display, Call Duration Display, and Date/Time of Day Display.

PURPOSE

This document is designed as a feature operating guide for users of the 2000series LCD telephones, as well as the 1000-series LCD telephones (models DKT2010-SD, DKT2020-SD, and DKT1020-SD). This guide only covers the LCD functions of the digital telephone. It should be used in conjunction with the STRATA DK Digital Telephone User Guide.

An overview of this user guide will acquaint you with the various features that are available to your telephone, and will provide you with the necessary instructions to perform each feature.

ORGANIZATION

This user guide is divided into four main chapters. The first chapter explains the Liquid Crystal Display (LCD), including a summary of LCD functions and sample screens. The second chapter explains the operation of each specific calling feature. Operating instructions are provided in an easy-to-follow, step-by-step method. The third chapter explains the operation and use of the Soft Key feature, including a list of Soft Key prompt definitions. The fourth chapter details the message and memo features. An index is also included at the back of this user guide, allowing you to reference material quickly and easily.

HOW TO USE THIS GUIDE

Your telephone's specific calling allowances are determined by its Class of Service, as determined by system programming. Your system administrator can inform you which features are actually accessible from your specific telephone. Once you are aware of the features that are available to your telephone, review each feature's description and operational procedure contained in this guide.

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To assist you in achieving greater performance efficiency, the information in this user guide is divided into distinct areas of content. Instructions for various procedures are referred to as Action Text and appear in the left-hand column of the page. Instructions appear in numerical sequence, enabling you to quickly perform a specific task. More detailed descriptions of these procedures, or explanations of their effects, are located in the right-hand column. The following illustration shows you the structure followed in each Feature Operation section.

ACTION TEXT SPECIFIC INSTRUCTIONS ON HOW TO PERFORM A PROCEDURE ARE NUMBERED AND ENTERED IN THE LEFT-HAND COLUMN.

| STRATA DK280 DIGITAL LO | D TELEPHONE | FEATURE OPERATION | 5 | CHAPTER TIT |
|---|---|--|--|---|
| | before Call Forward—No Answ invoked. The ing time does not 1 is set—only when you want to the rings before it forwards. 4. If call forward is set: Central Office (CO) lines the | | ા આ ગામમાં ગુજરાત કરવા છે. આ ગામમાં ગુજરાત છે. પ્ર | · . · · |
| To Use Station-to-Station Message Walting: | STATION-TO-STATION MESSA | | | FIRST LEVEL |
| 2. Dial the desired station number. | If there is no answer (busy or DND causes the Msg LED on the called a displays the calling station's number. |), press the Msg button (or dial 7). This - station to fiash. The called station's LCD | And Bridgen | RESULTS OR |
| The calling station user presses the Mssg button to set the Msg LED on the called station. | When the returned call is answered, th | e flashing Msg LED will turn off | ndundigen in th | EXPLANATION OR DETAILS (THE ACTION |
| To answer the Msg LED indication from the called station, press the Msg button. | | | 12-14-15 FE | |
| To clear the Msg LED from the caling station, press the Intercom button, dial tree station number and press the Msg button wide (or 7 7). | number in the left-most position will b | may be stored on the LCD. The station e called when the Mag button is pressed. the Scroll b utton. The lourth message is | ty) Bestimentspeciality a | NOTES AND WARNING MESSAGES |
| To clear the Msg LED from the called station, press Intercom button, dial # 4 0 9. | | | t star soon gan a | |
| | | 2-3 | | |

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Figure I-1 Sample Page

INTRODUCTION

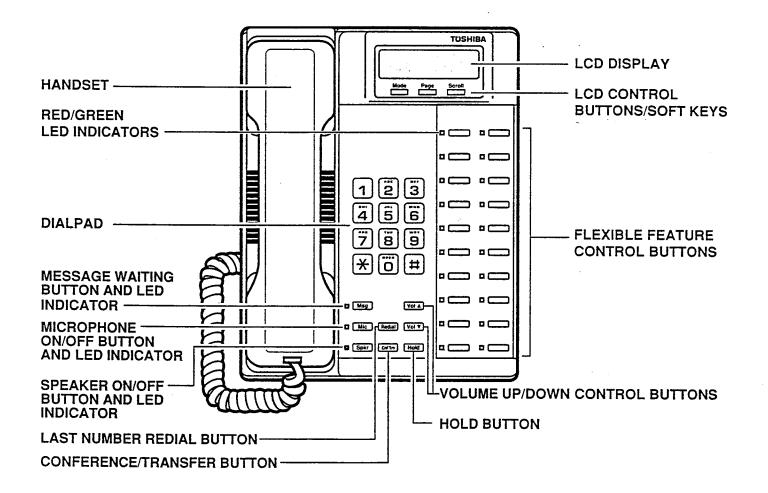


Figure I-2 20-button Digital Speakerphone with Liquid Crystal Display

LIQUID CRYSTAL DISPLAY

In its idle state, the 32-character Liquid Crystal Display (LCD) feature on your digital telephone gives you an accurate desk clock and calendar combination. When you have an outside call in progress, an elapsed time display gives a constant reminder of the call duration. In addition, a variety of information displays and feature prompting makes your call handling more efficient. Alphanumeric messaging capability is also provided. All display functions occur automatically as call processing proceeds.

| Mode | Page | Scroll | |
|------|------|--------|--|

The uses of the three buttons shown above are:

- **Mode**: 1. To enter/exit various mode functions (see "Mode Definitions" later in this chapter).
 - 2. To cancel the beeping tone when using timed reminders.
- **Page:** 1. Changes Busy Field groups.
 - Used by station 200 to record a user NAME/NUMBER for another station. Station 200 must be an LCD digital electronic telephone to record a NAME/NUMBER display for any other station type.
 - 3. Changes displays (date/time, elapsed time, message, call forward, dialed number).
 - 4. Scrolls through speed dial numbers when using Mode 8.
- Scroll: 1. Scrolls through message waiting numbers.
 - 2. Scrolls through the speed dial digits (if more than 16 digits) when in Mode 8.

NOTE:

If your telephone has the Soft Key feature turned on (Mode 71), the Mode, Page, and Scroll functions are not active when the telephone is busy on a CO line or Intercom call. Mode, Page, and Scroll are only used when the telephone is idle.

LIQUID CRYSTAL DISPLAY

MODE DEFINITIONS

- MODE 0: Used to exit another mode and return to clock/calendar display.
- MODE 1: Busy Field display.
- MODE 2: Busy station messaging.
- MODE 4: Called station messaging.
- MODE 8: Speed dial number check and memo dialing.
- MODE 71: Soft key ON.
- MODE 70: Soft key OFF.
- MODE 94: Remote called station messaging.
- MODE 95: Remote calling station messaging.

SUMMARY OF LCD FUNCTIONS

IMPORTANT NOTE!

All Liquid Crystal Display (LCD) examples in this user guide are shown with soft keys turned OFF. If your telephone has soft keys turned ON, the displays may be different, but they will still allow you to follow the steps in this guide. Generally, the information shown on line 2 will display on line 1.

NOTE:

"NNN" in the display, as used here, represents either the called or calling extension or phone number of the other party. "1~144" represents the line number used for the example.

Account Codes:

| | N O | • | NNN |
|-------|------|-----|-----|
| ENTER | ACCT | C 0 | DE |

CODE NOT VALID

NO. NNN

NO. NNN

When you press a Central Office (CO) line that requires a forced (verified or nonverified) account code; or dial **Speed Dial + 5 0**, or press the **Account Code** button to enter a voluntary (verified or nonverified) account code.

When you dial a verified voluntary account code that is not valid.

When you correctly dial a verified voluntary account code that is set in the system account code memory.

NO. NNN DIAL RESTRICTED

CODE VERIFIED

NO. NNN

After you dial a verified forced account code that is valid.

When you dial a verified forced account code that is not valid.

Auto Busy Redial (ABR):

DIAL TEL NUMBER

| HOLD | L | I | N | E | | N | N | | | |
|------|---|---|---|---|---|---|---|-------|---|---|
| | | | | | A | B | R | S | E | T |
| | | | | | N | 0 | _ | N | N | N |
| | | | P | | | | | 7 | | |

| | | NO. | NNN |
|------|-------|-------|-----|
| LINE | N N N | A C B | |

After setting auto busy redial, your display prompts you that it has been set.

When the system dials the call, your display shows the dialed number. The system inserts a pause (P) before redialing the number.

When the called telephone is ringing, your station's Central Office (CO) LED (or Intercom LED) and Spkr LED will flash, and a warning beep will sound for 30 seconds after the call is completed.

Your station will display the called number, followed by "LINE NNN ACB", 30 seconds later.

LIQUID CRYSTAL DISPLAY

Automatic Callback (ACB):

| ſ | 1117 | NNN | | NNN |
|------------------|------|-------|-----|-----|
| L | | | AUD | 311 |
| $\left[\right]$ | | | NO. | NNN |
| N | NN | A C B | |] |

When you set automatic callback at a busy station, its number is displayed.

When you receive an automatic callback, the station number you called is displayed.

When you receive an automatic callback for a Central Office (CO) line, the seized line's number is displayed.

Automatic Line Selection:

1. Intercom Line

LINE 10 ACB

NO. NNN INT

NO. NNN

If your station automatically accesses an intercom line when you go off-hook, INT is displayed.

If your station automatically accesses a Central Office (CO) line when you go off-

hook, the number of the seized CO line is displayed.

2. CO Line

| | NO. | NNN |
|-------|------|-----|
| USING | LINE | 11 |

3. Dial Access Code

| | NO. | NNN |
|-------|------|-----|
| USING | LINE | 2 0 |

When you access a Central Office (CO) line by dialing a CO line group access code, the accessed CO line number is displayed.

Alphanumeric Messages:

| BACK AT | 2 PM · CALL |
|---------|-------------|
| MEETING | FOR 3PM |

Busy Field:

| 00 | 0 | • | • | 5 | • | | | |
|----|---|---|---|---|---|---|--|--|
| 10 | | | | | | 7 | | |

| 20 | 7 |
|----|---------|
| 30 | 2 . 4 9 |

Messages of up to 32 characters may be used in alphanumeric messaging. Messages may either be programmed or set as one-time messages. (Messages may also be used with a timed reminder.)

The Busy Field display indicates, in groups of 10, the last two digits of the station numbers that are busy or set for Do Not Disturb (DND). The top display indicates that stations X00, X05, and X17 are either in use or in DND mode; the bottom display indicates the same for stations X27, X32, X34, and X39. If the **Page** button is pressed, the 00/10 group will change to 10/20, and the busy/DND states of that group of stations will be displayed. The station groups will increment each time the **Page** button is pressed, thereby eventually displaying all stations.

. .

LIQUID CRYSTAL DISPLAY

| Forward: | |
|--------------------------------|--|
| CALL FORWARD TO | This LCD display appears when you initiate any type of call forward. |
| | After you set call forward, the station number to which your calls will be forwarded is displayed, along with one of the following abbreviations: "CF-AC" (Call Forward-All Calls) "CF-BUSY" (Call Forward-Busy) "CF-NA" (Call Forward-No Answer) "CF-B/NA" (Call Forward-No Answer) "CF-FIXED" (Call Forward-Busy/No Answer) "CF-FIXED" (Call Forward-Fixed) "CF-EXT" (Call Forward External) |
| | NOTE: CF-EXT has priority over all other Call Forward Displays. |
| NO. NNN NNN | When your call is forwarded to another station, the station you called is shown first. It then changes to the station to which your call was forwarded. |
| NO. NNN NNN CALL NNN | When a call is forwarded to your station, the calling station number is displayed on the left and the station called is displayed on the right. |
| Call Pickup: | |
| NO. NNN 200 CALL 201 | When you pick up an intercom call, the calling station's number is displayed on the left and the station number called is displayed on the right. |
| NO. NNN NNN PICKUP NNN | Your LCD telephone displays information noting that your call to station NNN was picked up by station NNN. |
| Calling Number-Intercom: | |
| NO. NNN NNN CALLING | When you receive an intercom call, the calling station's number is displayed. |
| CO Line Identification: | |
| TOSHIBA TELECOM WATS LINE 3 | The Central Office (CO) lines can be programmed to display an identifying name of up to 16 characters. The name will be displayed on outgoing and incoming calls. |
| CO Line Number: | |
| 1. Incoming Call | |
| NO. NNN LINE 10 RINGING | Incoming Central Office (CO) call—if your station is programmed for incoming ringing on that CO line. |
| | 1.5 |

LIQUID CRYSTAL DISPLAY

Transferred CO call—CO line is transferred to your station in the ringing state by another station.

Camped-on CO call—CO line was camped-on to your busy station and rings your station when you hang up.

- NO. NNN The display changes to indicate calling status.
- 3. Hold

| HOLD | LI | NE 1 | 0 |
|------|----|------|-------|
| JAN | 01 | SUN | 12:19 |

You have put a CO line call on hold at your station.

4. Hold Recall

2. When Call Is

Answered

| HOLD | LINE NNN | |
|------|----------|---|
| LINE | 10 RECAL | L |

5. Outgoing

| | NO. | NNN |
|-------|-----|-----|
| USING | LIN | E 6 |

6. CO Line Queuing (Callback)

| | | NO. | NNN |
|------|---|-------|-----|
| LINE | 3 | A C B | |

Date/Time:

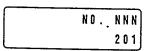
| [| | N O | | N | N N |
|-----|----|-----|----|----|-----|
| MAY | 24 | MON | 12 | 2: | 05 |

Dialed Number:

1. CO Line

| NO. | NNN |
|------|-----|
| 5551 | 374 |

2. Intercom



Held call automatically recalls your station after a programmed period of time.

When you manually select a CO line, it is displayed. This display is replaced by the dialed number as you dial.

When the CO line queuing feature rings back to your station with an available CO line, that line number will be displayed.

- 1. Press the **Page** button to display date/time when talking on a Central Office (CO) line (Soft Keys must be off before the call is started).
- 2. The date/time is adjusted on a system-wide basis by the station located in port 00 (usually station 200).

The digits are displayed as you dial over either a Central Office (CO) line or the intercom using:

- Manual dialing
- Automatic dialing
- Repeat last number dialed
- Saved number redial

NOTE:

If you are calling on a CO line, the display will automatically change from dialed number to elapsed time after a programmed period of time.

a de la companya de l

LIQUID CRYSTAL DISPLAY

Poor Phone/Monitor:

| | NO. NNN |
|------|----------|
| DOOR | PHONE 1A |

NO. NNN Door phone 1a

Elapsed Time:

| | N | 0 | | | N | N | N |
|---|---|---|---|---|---|---|---|
| 0 | 0 | : | 1 | 3 | : | 2 | 3 |

Intercom Number Display:

INT = NNN

I OD Name/Number

blay:

1. Idle Station

| | N | A M | E | 1 | N | U | M | B | E | R |
|----|---|-----|---|---|---|---|---|---|---|---|
| DA | T | E | D | A | Y | | T | ł | M | E |

2. Called Station

NO. NNN NAME/NUMBER

Least Cost Routing (LCR):

| | | NO. | N N N |
|------|-----|------|-------|
| DIAL | TEL | NUMB | ER |

| | N O | • | N | NI | FN |
|---|-----|----|---|-----|----|
| L | 5 8 | 33 | 7 | 0 (| ŋ |

When you are called from a door phone, its designating characters are displayed.

When you call a door phone, its designating characters are displayed.

NOTE:

The door phone designators are NA, NB, and/or NC ($N = 1 \sim 4$, and indicate which of the 12 possible door phones is calling or is being called).

While you are making an outgoing Central Office (CO) line call, the elapsed time of the call is displayed. Elapsed time automatically replaces the dialed number on the display after a programmed period of time. (Timing begins when a LINE button is pressed.)

NOTES:

- 1. On a CO line call, the display can be alternated between date/time, elapsed time, and dialed number by pressing the **Page** button (Soft Keys must be off before the call is started).
- 2. Elapsed time is displayed for 15 seconds after you hang up, and then changes automatically to date/time.

To find out what your intercom or extension number is if does not appear on your display, press **intercom # 4 0 1** or **CONF # 4 0 1** when on a CO or Intercom Call and the intercom number will be displayed.

A name or title may be set in memory for each station. When an LCD station is idle, the name displays on the top line of the LCD. When a station calls an LCD station, the name of the calling station displays on the bottom line of the called station's LCD.

When you are making a call via Least Cost Routing (LCR), your display will prompt you to dial a number by displaying "Dial Tel Number".

As you dial the number, it is shown on your display.

LIQUID CRYSTAL DISPLAY

Message Waiting:

| | NO. | N N N |
|-----|--------|-------|
| INT | NNN MW | SET |

SENT NNN JAN 01 SUN 12:19

| | | NO. | NNN |
|------|-----|-----|-----|
| CALL | 203 | 201 | 200 |

Message Waiting/Voice Mail:

| | N O | . 1 | INN |
|------|-----|-----|-------|
| CALL | 200 | 218 | 5 V + |

Off-hook Call Announce:

| NO. | NNN |
|---------|-------|
| | N N N |

| | N | 10. | NNN |
|-------|------|-----|-----|
| N N N | BUSY | 0 V | R |

Overrides:

1. Busy Override

| | | NO. | NNN |
|-------|------|-------|-----|
| N N N | BUSY | 0 V F | 3 |

2. Executive Override

| | | N | O | | | N | N N |
|-----|------|---|---|---|---|---|-----|
| NNN | BUSY | | 0 | V | R | | |

| | | | N O | • | N N N |
|-----|----|-----|-----|-----|-------|
| NNN | ΕX | E C | 0 | V R | D |

When you set message waiting at another station, the number of that station is displayed.

When you hang up after setting message waiting at another station, a reminder is shown on the top row of your display.

Your display will show the numbers of up to three stations that have left messages for you. Four numbers may be stored in message memory (see Recalling Station).

When a message waiting voice mail is displayed, a "V" will follow the station number. A "+" indicates that there is a station message in memory. Press the Scroll button to rotate through more numbers.

When you off-hook call announce to a busy station, your LCD displays the number of that station.

When another station off-hook call announces to your station, your LCD displays the number of that station.

When you activate the override feature after calling a busy station, the station number and the feature are displayed.

Your LCD telephone displays the number of a station initiating override when you are on the telephone. The number will remain displayed until override is disconnected.

When you initiate executive override, your LCD telephone displays the number of the station that is overridden. The station that receives the override displays your station number. The number will remain displayed until the call is ended.

LIQUID CRYSTAL DISPLAY

Do Not Disturb (DND)Override

| | NO. | NNN |
|-----|-----|-----|
| INT | NNN | DND |

| | | NNN |
|-------|-----|-------|
| N N N | DND | O V R |

| | | NO. | NNN |
|-----|-----|-------|-----|
| NNN | DND | O V R | |

4. Privacy Override

| | | NNN |
|-------|-----|------|
| N N N | PRV | OVRD |

Recalling Station:

| HOLD | LINE 2 | |
|------|--------|-------|
| LN 2 | RECALL | N N N |

Speed Dial Memo:

| * 1 | 1 | | T | 0 | S | H | 1 | B A | |
|-----|---|---|---|---|---|---|---|-----|--|
| 71 | 4 | 5 | 8 | 3 | 3 | 7 | O | 0 | |

Toll Restriction Override Codes:

| | NO. | иии |
|----------|-------|-----|
| OVERRIDI | E COD | E |

Two-CO Line Calls:

1. Tandem

| T I | R K - 1 | TRK N | 1 | N ₂ |
|-----|---------|-------|----|----------------|
| JAN | 10 | THU | 11 | 1:57 |

2. Conference

| [| | | | N O | | | N | N | N |
|------|---|---|---|-----|---|---|---|---|---|
| CONF | L | 1 | N | Ε | N | 1 | | N | 2 |

The station you have called is in the Do Not Disturb (DND) mode.

When you initiate Do Not Disturb override, the station number you have overridden is displayed.

When another station overrides Do Not Disturb at your station, its number is displayed. (The display remains until the end of override.)

When a station presses a busy line button to enter an existing conversation, the station that initiates the override displays the Central Office (CO) line identification on the LCD. The overridden station's LCD displays the initiating station's number. (The display remains until the end of the call.)

When a transferred call goes unanswered, it will recall to the station that transferred it. The display shows the Central Office (CO) line number and the station number to which it was originally transferred.

When using Speed Dial Memo (Mode 8), the name and number are displayed.

TOSHIBA is the memo (up to 12 characters). 714 583 3700 is the number (up to 16 digits).

After you access a Central Office (CO) line and press **Cnf/Trn # 4 7** to dial a complete toll restriction override or traveling class code, your LCD display will prompt you to dial a code.

After you establish a two-Central Office (CO) line conference call and then release. N_1 and N_2 identify the connected CO lines.

When you are talking with two external parties on two CO lines. N₁ and N₂ identify the connected CO lines.

CHAPTER 2 STRATA DK280 DIGITAL LCD TELEPHONE

FEATURE OPERATION

DATE/TIME/DAY ADJUSTMENT

You will hear a confirmation tone.

You will hear a confirmation tone.

This operation is possible from port 00 only (usually station 200), and allows you to set the date, time, and day.

To Set the Date:

- 1. Place handset onhook.
- 2. Dial Intercom # 6 5 1.
- Dial the date

Dial year/month/day in the format YYMMDD. Enter a leading 0 for any singledigit month or day.

- 4. Press the **Redial** button.
- 5. Press the **Spkr** button.

To Set the Time:

- 1. Place handset onhook.
- 2. Dial Intercom # 6 5 2.

3. Dial the time

Dial hour/minute/second in the 24-hour clock format HHMMSS. Enter a leading 0 for any single digit entered.

4. Press the **Redial** button.

 o. Press the Spkr button.

To Set the Day:

- 1. Place handset onhook.
- 2. Dial Intercom # 6 5 3.
- 3. Dial the day

- 1 = Sunday
- 2 = Monday
- 3 = Tuesday
- 4 = Wednesday
- 5 = Thursday
- 6 = Friday
- 4. Press the **Redial** button.
- 7 = Saturday
- 5. Press the Spkr button.

You will hear a confirmation tone.

FEATURE OPERATION

CALL FORWARD DISPLAY

TO SET CALL FORWARD

When any type of call forward is initiated, the "CALL FORWARD TO" prompt displays on the lower row of the LCD.

When your station has call forward set, the LCD displays as shown on the left (NNN = the forward-to number).

Call Forward Displays:

1. Call Forward-All Calls

| | C F | • | A | C | | T | 0 | : | | N | N | N | |
|----|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| JA | N | 2 | 6 | | T | U | E | | 0 | 1 | : | 4 | 3 |

2. Call Forward-Busy

| CF | - B U S | SY TO |): | NNN |
|-----|---------|-------|-----|-----|
| JAN | 26 | TUE | 0 1 | :43 |

3. Call Forward–No Answer

| CF | • | N A | | Ţ | 0 | : | | N | N | N | |
|-----|---|-----|---|---|---|---|---|---|---|---|---|
| JAN | 2 | 6 | T | U | Ε | | O | 1 | : | 4 | 3 |

4. Call Forward–Busy/No Answer

| | | | | | | | | | | | | N | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J | A | N | 2 | 6 | T | U | E | 0 | 1 | : | 4 | 3 | ļ |

5. Call Forward-Fixed

| C F - F | 1 | XE | D | TO | : | NNN |
|---------|---|----|----|----|----|-----|
| JAN | 2 | 6 | ΤU | Ę | 01 | :43 |

6. Call Forward-External

| C F - I | EXT | | |
|---------|-----|-----|-------|
| JAN | 26 | TUE | 01:43 |

Press Intercom # 6 0 2 + N N N + Spkr

(or Call Frwd All Calls + N N N + Call Frwd All Calls).

(or Call Frwd Busy + N N N + Call Frwd Busy).

Press Intercom # 6 0 1 + N N N + Spkr

Press Intercom # 6 0 3 + N N N + Speed Dial X X³ + Redial + Spkr (or Call Frwd No Answer + N N N + X X³ + Call Frwd No Answer).

Press Intercom # 6 0 4 + N N N + Speed Dial X X³ + Redial + Spkr (or Call Frwd NAns + N N N + X X + Call Frwd NAns).

Press the Call Frwd to: button.

Press Intercom # 6 7 0 or Press the CF-EXT button. Destination for CF-EXT is stored in Speed dial Memory ***** 4 9.

NOTES:

- 1. To cancel all types of Call Forward except Call Forward-fixed and Call Forward-external, press **Intercom # 6 0 1 Spkr** (or press the Call Forward button used to set Call Forward).
- 2. To cancel Call Forward External press Intercom # 6 7 0 or press the CF-EXT Button; to cancel CF-FIXED, press the Call Fwd To: button.

2-2

- 3. XX = The amount of time (08~60 seconds) that the telephone will ring before Call Forward—No Answer or Call Forward—Busy/No Answer is invoked. The ring time does not have to be entered each time Call Forward is set—only when you want to change the number of seconds the telephone rings before it forwards.
- 4. If call forward is set:
 - Central Office (CO) lines that ring at your station only will forward (CO lines that ring into more than one station will not forward).
 - CO line calls transferred to your station will forward.
 - Intercom calls will forward.
 - Call forward redirects the station hunt feature.

STATION-TO-STATION MESSAGE WAITING

To Use Station-to-Station Message Waiting:

- 1. Lift the handset.
- 2. Dial the desired station number.
- The calling station user presses the Msg button to set the Msg LED on the called station.
- To answer the Msg LED indication from the called station, press the Msg button.
- To clear the Msg LED from the calling station, press the **Intercom** button, dial the station number and press the **Msg** button twice (or **7 7**).
- To clear the Msg LED from the called station, press **Intercom** button, dial **# 4 0 9**.

If there is no answer (busy or DND), press the Msg button (or dial 7). This causes the Msg LED on the called station to flash. The called station's LCD displays the calling station's number.

When the returned call is answered, the flashing Msg LED will turn off

NOTE:

Up to four message waiting displays may be stored on the LCD. The station number in the left-most position will be called when the **Msg** button is pressed. To rotate the station numbers, press the **Scroll** button. The fourth message is reserved for the Message Center.

FEATURE OPERATION

VOICE MAIL (VM)

Whenever your station is call forwarded to voice mail, certain digits will automatically be sent to the voice mail unit to direct the call to your mailbox. These codes must only be stored one time; they remain in memory until changed. They do not have to be stored each time you Call Forward your telephone.

Setting your mailbox number (where calls will go when you forward to the Toshiba VP voice mail system).

The LCD displays "6 5 6 ID CODE SET".

The LCD displays the digits and pauses. These digits include special voice mail codes and your mail box number. For example, for Toshiba VP Systems dial 91NNN, where NNN is your mail box number.

You will hear a confirmation tone-the LCD displays "DATA PROGRAMED".

When you want to retrieve your messages from voice mail, certain digits will automatically be sent to the voice mail unit to play back your messages.

The LCD displays "6 5 7 ID CODE SET".

The LCD displays the data as it is entered. These digits include special voice mail codes and your mail box number. For example, for Toshiba VP Systems dial 92NNN, where NNN is your mail box number.

You will hear a confirmation tone-the LCD displays "DATA PROGRAMED".

Assigning a mailbox to store messages:

- 1. Press the **Intercom** button.
- 2. Dial # 6 5 6.



- Dial the digits (up to 16) and pauses to be sent.
- Press the Redial button to store data.



Assigning a mailbox for message retrieval:

- 1. Press the **Intercom** button.
- 2. Dial # 6 5 7.
- 3. Dial the required digits and pauses to be sent.
- 4. Press the **Redial** button to store data.

To Retrieve Messages: Press the Intercom and Msg buttons.

To Clear All Digits:

- 1. Press the **Intercom** button.
- 2. Dial # 6 5 6 or # 6 5 7.
- 3. Press the **Redial** button.

- To Display Busy Field tus:
 - 1. Press the **Mode** button.

BUSY FIELD DISPLAY

Your telephone must be idle to use the Mode button when Soft Keys are turned ON.

NOTE:

The Busy Lamp Field (BLF) mode will stop all other displays from appearing on your telephone LCD.

2. Dial 1.

3. Press the **Page** button to rotate Busy Field groups.

To Exit Any Mode:

1. Press the **Mode** button.

2. Dial **0**.



1. Press the **Intercom** button and dial the 3digit access code.

2. Dial the new DISA security code.

| | | NO. | NNN |
|-----|-----|------|-----|
| בבם | I D | CODE | SET |

3. Press the Redial button.

NO. NNN DATA PROGRAMMED Refer to the figure in Chapter 1 Summary of LCD Functions.

MODE EXIT

The LCD displays "MODE NO.?" Your telephone must be idle to use the **Mode** button when Soft Keys are turned ON.

The LCD displays date/day/time.

DISA SECURITY CODE: ADD/DELETE/CHANGE

Direct Inward System Access (DISA) security codes can be added, deleted, and changed from designated station(s) only. For security purposes, the 3-digit access code is not given in this guide. It is available from your telephone system administrator.

To change or delete the DISA security code, these steps must be performed from a station that was selected in system programming.

You will hear a confirmation tone.

The DISA security code can be 1 ~ 15 digits.

You will hear a confirmation tone.

 To cancel the DISA code, complete Steps
 1 and 3, skipping Step 2. If the DISA code is canceled, outgoing access of CO lines on DISA calls will not require a security code.

FEATURE OPERATION

TOLL RESTRICTION OVERRIDE/TRAVELING CLASS CODE CHANGE

From selected stations the Toll Restriction override or Traveling Class codes can be changed, added, or deleted.

To add, delete, or change override for Traveling Class Code, the following steps must be performed from a station that was selected in system programming.

To Add, Delete, or Change Override/Traveling Class Codes:

1. Press **Intercom** and dial the three-digit toll restriction override change access code.

| | NO | • | N N | N |
|-------|-------|-----|-----|---|
| ENTER | O V R | C O | DE | |

2. Dial the four-digit override code.

| | NO. | NNN |
|-------|--------|---------|
| ENTER | OVR CO | DE DODO |

3. Press the **Redial** button to store the code.

NO. NNN Data programmed

 Repeat steps 1 ~ 4 to enter up to four traveling class codes or two toll restriction override codes. You will hear a confirmation tone.

You should hear a dial tone. For security reasons, the change access code is not provided in this guide. It is available from your telephone system administrator.

You will hear a confirmation tone, and the code will be stored in memory. Press **RDL** or **#** if your telephone is not equipped with a **Redial** button.

1 and 3, skipping Step 2.

2-6

FEATURE OPERATION

Change Verified Account Codes:

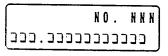
1. Press Intercom and dial the verified account code change access code.

NO. NNN Verify ACC Set

 Dial the three-digit verified account code number (000 ~ 299).

NO. NNN VERIFY ACC SET

 Dial the verified account code (4 ~ 15 digits).



 Press the **Redial** button to store code.

| | NO. | N | N N | |
|------|----------|---|-----|--|
| DATA | PROGRAMM | E | D | |

 Repeat steps 1 ~ 4 to enter more verified account codes.

VERIFIED ACCOUNT CODE CHANGE

To add, delete, or change a verified account code, these steps must be performed from a station that was selected in system programming.

For security reasons, the change access code is not provided in this guide. It is available from your telephone system maintenance provider.

The account code digit length is set in system programming.

You will hear a confirmation tone.

: : :

GENERAL DESCRIPTION

The Soft Key feature provides a quick and easy way to access frequently-used features. If the Soft Key feature is activated at your station, abbreviated feature prompts will appear on the LCD above the **Mode**, **Page**, and **Scroll** keys while you are on a call (or you are ringing another station or outside telephone number). You can access the feature represented by the feature prompt just by pressing the **Mode**, **Page**, or **Scroll** key beneath the prompt.

If the Soft Key feature is activated at your station, you can still access features with feature buttons (fixed or flexible) or with access codes.

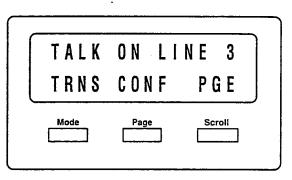
When your telephone is idle, Soft Keys do not display and the **Mode**, **Page**, and **Scroll** keys function as normal. If your telephone is in use, Soft Key functions replace the **Mode**, **Page**, and **Scroll** functions.

HOW TO USE SOFT KEYS

This section provides an example of how to use Soft Keys to make a Conference call by adding a station to an outside call. Other features that can be accessed with Soft Keys include Transfer, Paging, and more.

USING SOFT KEYS TO MAKE A CONFERENCE CALL

1. While on an outside call with CO line (line 3 for this example) your LCD will display the following prompts:



NOTE:

Once the Soft Key prompts appear (in this case, the Soft Keys are TRNS, CONF, and PGE for Transfer, Conference, and Page), the buttons below them now stand for Transfer, Conference, and Page instead of **Mode**, **Page**, and **Scroll**. In the following steps of this example, only the Soft Key displays will be shown since **Mode**, **Page**, and **Scroll** no longer apply while Soft Keys are active.

SOFT KEY OPERATION

If you initiated the call, the "TRNS" prompt will appear 30 seconds after the first digit of the telephone number is dialed—the "ABR" prompt for Automatic Busy Redial (ABR) will appear during this first 30 seconds (if it does not appear, then this feature was not assigned in system programming). If the call is an incoming call, the "TRNS" prompt will appear immediately when you answer the call.

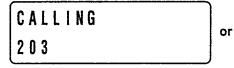
| TALK | O N | L | I | N | Ε | 3 |
|------|-----|---|---|---|----|---|
| TRNS | CON | F | | | PG | Ē |

- 2. Press the CONF Soft Key to initiate the Conference.
 - The outside call will be placed on hold and the LCD will appear as follows after you press the CONF Soft Key in Step 2.

| LINE | OR S | TATION? |
|------|-------|---------|
| | S T A | . RTRN |

- 3. To transfer to a station, press the STA. Soft Key.
 - Whenever the RTRN Soft Key appears, you can terminate the operation and return to the outside call by pressing the RTRN Soft Key.

- 4. Dial a station number when the following LCD appears:
- 5. After you dial the station number (203 in this example), you will see one of the displays below for about three seconds. The display will then change to the display in Step 6.



CALLING TOM BROWN 203

Called station (203) has "user name" turned off.

Called station (203) has "user name" turned on.

SOFT KEY OPERATION

6. After three seconds the user's name (or number) is replaced with the following display and you can voice announce to station 203;

| ANNOL | JNCE. TO | 203 |
|-------|----------|------|
| TRNS | RING | RTRN |

(voice first signalling)

or, when in TONE mode the following is displayed:



- You could stop the called station voice announce and make station 203 ring by pressing the RING Soft Key.
- Instead of proceeding with the Conference, you could transfer the call by pressing the TRNS Soft Key.
- You could terminate the operation and return to the outside call by pressing the RTRN Soft Key.
- 7. The LCD will appear as follows after the called station answers. Your station is connected to Station 203 and the outside call remains on hold. Press the JOIN Soft Key to join all parties in a Conference.



- Instead of proceeding with the Conference, you could transfer the call by pressing the TRNS Soft Key.
- You could terminate the operation and return to the outside call by pressing the RTRN Soft Key.
- 8. The LCD will appear as follows after you press the JOIN Soft Key in Step 5 and all parties will be conferenced.



- "LN 3 + 203" indicates that you are in a Conference with CO line 3 and Station 203.
- You can exit the Conference and the other parties will remain connected if you press the EXIT Soft Key.
- You can add another station or CO line by pressing the CONF Soft Key.

NOTE:

If the Soft Key feature is activated at your station, incoming call information will not display on your LCD while your station is busy. To display this information, you must either disconnect the existing call or place it on hold.

SOFT KEY PROMPT DEFINITIONS

The following list provides definitions of all of the Soft Key prompts that could appear on your LCD.

TRNS—Press this Soft Key to initiate or complete a Transfer while on an outside call. TRNS can cause an immediate or announced transfer, depending on how the feature is set in system programming.

CONF—Press this Soft Key to initiate or complete a Conference.

PGE—Press this Soft Key to park an outside call and to gain access to a menu of Page options.

RING—Press this Soft Key to make a called station ring when making a voice announce call to the station.

TALK—Press this Soft Key to make a voice announcement to a called station that is ringing.

MESG—Press this Soft Key to set a message waiting indication at a busy or unanswered station.

OVRD—Press this Soft Key to gain access to override options or to override a station that is busy or in the Do Not Disturb mode.

BUSY—(Busy Override) Press this Soft Key to send a call-waiting tone to a busy station.

EXEC—(Executive Override) Press this Soft Key to break into the conversation of a busy called station.

ACB—Press this Soft Key to activate Automatic Callback after reaching a busy station, CO line, or CO Line group.

ABR—Press this Soft Key to activate Automatic Busy Redial after dialing a busy outside telephone number.

SOFT KEY OPERATION

RLS—Press this Soft Key to disconnect a call and to return to the idle state.

RTRN—Press this Soft Key to terminate a feature operation and to return to a previously displayed state.

LINE—Press this Soft Key to add a CO line to an existing call while in the Conference mode. The LCD will prompt you to access a CO line after you press this key.

STA.—Press this Soft Key to add a station to an existing call while in the Conference mode. The LCD will prompt you to dial a station number after you press this key.

JOIN—Press this Soft Key while on a conference call to join all parties to a Conference.

EXIT—Press this Soft Key to exit from a Conference and to leave the remaining parties connected.

SOFT KEY ACTIVATION

Your telephone must be idle before you follow the steps on the left to activate or deactivate the Soft Key feature at your station.

Soft keys are now activated and the appropriate feature prompts will display when your phone is in use. The Soft Key feature will remain on until you turn it off. In other words, you can perform numerous telephone functions and the Soft Keys will not be cancelled unless you deactivate them.

SOFT KEY DEACTIVATION

To deactivate Soft Keys at your station:

- 1. Make sure your telephone is idle. Do not lift the handset.
- 2. Press the **Mode** key below the LCD.
- 3. Dial **7 0**.

Your telephone must be idle before you follow the steps on the left to activate or deactivate the Soft Key feature at your station.

Once you deactivate the Soft Keys, the feature prompts will no longer appear on the telephone display.

To activate Soft Keys at your station:

- 1. Make sure your telephone is idle. Do not lift the handset.
- 2. Press the **Mode** key below the LCD.
- 3. Dial 7 1.

CHAPTER 4 STRATA DK280 DIGITAL LCD TELEPHONE

MESSAGES AND MEMOS

LCD ALPHANUMERIC MESSAGES, NAMES, MEMOS

The LCD on your telephone can be used to send or receive messages to or from other LCD telephone users. The LCD can also display the names/numbers of the person calling your telephone or the name of the person you are calling. Names and memos can also be set to display with speed dial numbers and timed reminders.

STORING A MESSAGE IN MEMORY

The LCD Msg Select LED flashes.

To Store a Message in Memory:

 Press the LCD Msg Select (or Intercom # 6 8) button.



- 2. Dial the 2-digit message number to be stored.
- 3. Use the Recording a Message procedure to enter the message characters.
- 4. Press the LCD Msg Select (or Spkr) button.
- 5. Press the LCD Msg Select (or Intercom # 6 8 Spkr) button.

Personal message ($10 \sim 19$); system message ($60 \sim 99$ port 00 only). The current message, if any, will be displayed.

The LCD Msg Select LED lights steadily, and the LCD displays the message. The message will now be stored in system memory.

The LCD Msg Select LED goes out, and the message will no longer appear on the LCD, but it will remain in memory.

RECORDING A MESSAGE

RECORDING A MESSAGE, NAME, OR MEMO

Use this procedure to enter the characters of a personal message $(10 \sim 19)$ or system message $(60 \sim 99)$, Station 200 only), to add to a preprogrammed message, or to edit and set a new message. After calling up a message on your display (see Storing a Message in Memory, Steps 1 and 2 above), perform one of the following procedures:

MESSAGES AND MEMOS

To Record a Message:

- Press the # button to access alpha characters. Refer to Figure 4-1 for an explanation of the dialpad buttons.
- Press * or 1 to move the cursor (-) to the desired position (the left edge of the display for a new message, or two spaces to the right of the preprogrammed message to add information).
- Press the button that has the letter you want to enter. Use the O button to shift from letter to letter on the button.
- If you want to enter a number, press the # button to change to numeric characters. Press the # button again to return to alpha characters.
- The following special characters are set by pressing 1 and then pressing 0 to step through the available characters: Q, Z, :, -, +, /.

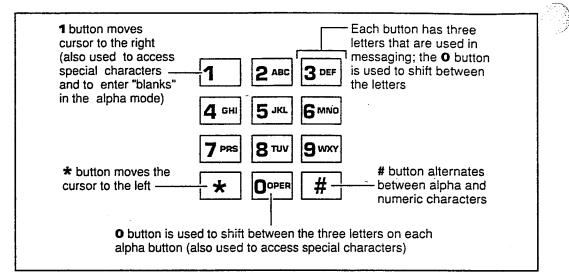


Figure 4-1 Dialpad Information

For example: If you press **3**, a "D" will be displayed. By pressing **0**, the "D" is changed to "E". By pressing **0** again, the "E" is changed to "F". Press **0** again and the "F" changes to "D". To enter a space, press **1**.

Numbers are also entered on the dialpad.

MESSAGES AND MEMOS

PREPROGRAMMING SYSTEM MESSAGES

System messages can only be programmed or permanently changed at port 000, station number _____(usually 200). Five preprogrammed messages are automatically stored in memory when the Alphanumeric Messaging with LCD feature is initialized.

- 60) OUT TO LUNCH
- 61) IN A MEETING
- 62) CALL _____
- 63) BACK AT
- 64) RETURN ON _____

You can use these messages and add 35 more messages designed specifically for your system, or you can overwrite the initialized messages and program up to 10 of your own. Any messages programmed at port 00 will remain in memory until canceled from port 00 or until the system is reinitialized. After reinitialization, only the original five messages will be in memory. System messages are written and stored in memory as explained in Storing a Message.

ADDING TO PREPROGRAMMED MESSAGES

When you select a message, it appears on your station display. A cursor (-) also appears immediately to the right of the last letter in the message. You can now input additional information (up to a total of 32 digits for each message). Some system messages may expect you to add more information. For example:

- 1. CALL
 - Add a station or outside telephone number.

2. BACK AT

- Add the time you will return.
- 3. RETURN AT
 - Add the date you will return.

NOTE:

Refer to Recording a Message for adding to a preprogrammed message.

MESSAGING

CALLING STATION MESSAGING

You can set a message that will appear on the LCD of telephones that call your telephone by following the instructions on the left.

The LCD Msg Select LED flashes, and the LCD displays "MSG NO.?"

To Create an LCD Message for Phones that Call Yours:

1. Press the LCD Msg Select button (or Intercom # 6 8).

| mou nu. (| MS | G | NO | | ? |
|-----------|----|---|----|--|---|
|-----------|----|---|----|--|---|

- 2. Dial the number of the message you want.
- 3. Press the LCD Msg Select (or Spkr) button.

To Cancel a Message that Has Been Set at Your Station: Press the LCD Msg Select button.

To Cancel a Message if You Do Not Have a **LCD** Msg Select Button:

- 1. Press the **Intercom** button.
- 2. Dial # 6 8.
- 3. Press the **Spkr** button.

Personal message (10 ~ 19) and system message (60 ~ 99). The selected message is displayed. (To add to this message, use the procedure for "Recording A Message," found earlier in this chapter.)

The LCD Msg Select LED lights steadily, and the selected message will be set. The message will be sent to LCD telephones that call your telephone.

CANCELLING A CALLING STATION MESSAGE

The LCD Msg Select LED goes out.

The Intercom LED lights.

The Intercom LED goes out. A personal message (10 ~ 19) will remain stored in memory.

SETTING/CHANGING CALLING STATION MESSAGES

You can set a completely new, personalized message by overwriting any of the existing preprogrammed messages. To do this, simply call up one of the messages as explained previously. When the cursor appears to the right of the message, shift it to the left margin and write your new message over the preprogrammed one. The new message will remain on your station until canceled. It will then be erased and the original preprogrammed message will be restored.

NOTES:

- 1. Refer to Recording a Message for leaving a new message at your station.
- Messages 60 ~ 99 will be erased. Messages 10 ~ 19 will remain in memory until changed. The preprogrammed messages are never erased; only the user-added messages are erased.

STORING LCD NAME/NUMBER DISPLAY

This feature allows you to use your telephone to store a title (such as your name, telephone number, location, etc.) in system memory. This title (e.g., LOBBY) will display on your station's LCD while it is idle, and it will appear at other stations' LCDs when they are called from your station. Your NAME will display on other telephone LCDs when they are used to call your telephone (Soft Keys must be

MESSAGES AND MEMOS

MESSAGES AND MEMOS

To Enter Name/Number Information:

 Press the Intercom button and dial # 6 2 1.

USER NAME?

- 2. Enter the new information via the dialpad.
- 3. Press the **Spkr** button.

TOSHIBA EXT.200 DATE DAY TIME

To Clear Name/Number Display:

Press the Intercom

button, dial **# 6 2 0** and press the **Spkr** button.

During clear:

| | NO | NNN |
|------|------|-------|
| USER | NAME | RESET |

After clear:

| | N | 0 | • | 200 |
|------|-----|---|----|-----|
| DATE | DAY | T | ΙM | E |

To Enter Name/Number Information for Other Stations/Devices:

1. Turn off Soft Keys by pressing **Mode 7 0**, when telephone is idle.

turned on). Name display information for non-LCD telephones or voice mail/auto attendant devices may be stored from station 200. When NAME/NUMBER is recorded for non-LCD telephones or other devices, their NAME/NUMBER is displayed on LCD telephones when called.

"USER NAME?" will appear on the upper line of the LCD.

Current information will appear on the lower line of the LCD.

Refer to "Recording a Message" earlier in this chapter for dialpad instructions. Up to 16 characters can be recorded. It is recommended that you enter the station number along with the user's name (as shown in Step 3).

The new information is stored and will appear on the top line of the display. For example, if you entered "TOSHIBA EXT. 200," that will appear above the date/day/time on the display.

You will hear a confirmation tone, then a busy tone.

NOTES:

- 1. Your title will appear on the LCD during direct intercom, forwarded, and hunted calls. On override or OCA calls, the LCD will not display the title.
- 2. After a name is cleared, it may be redisplayed at any time by dialing Intercom # 6 2 1.
- 3. A name is displaced by message and call forward settings if they are set.
- 4. To erase NAME/NUMBER information from memory, repeat Steps 1 ~ 3 above and enter blanks in Step 2. Blanks are entered by pressing **1** in the alpha mode.

Entering Name/Number information for other stations or devices is only allowed from Station 200.

 Press the Intercom button and dial
 # 6 2 1.

USER NAME?

3. Press the **Page** button.

DEST EKT NO.?

 Dial the intercom number (N N N) of the station for which the NAME/NUMBER information is to be recorded.

DEST EKT NO.NNN

5. Press the **Page** button.

USER NAME?

- Enter the new information via the dialpad (refer to Recording a Message for method)
- 7. Press the **Spkr** button.
- Repeat steps 2 ~ 7 to enter more names/numbers.
- To turn Soft Keys on, press Mode 7 1 when your telephone is idle.

"USER NAME?" will appear on the upper line of the LCD. Current information for station 200 will appear on the lower line of the LCD.

In this particular display, "EKT" stands for the intercom number of the digital, electronic or standard telephone.

"USER NAME?" will appear on the upper line of the LCD, and curren information for station NNN will appear on the lower line of the LCD.

Up to 16 characters can be recorded. It is recommended that you enter the station number along with the user's name.

The new information is stored and appears on the top line of station NNN's LCD. Station 200's LCD returns to the normal idle display.

NOTES:

- 1. To erase the NAME/NUMBER information of another station from station 200, repeat Steps 1 ~ 6 above and enter blanks in Step 5. Blanks are entered by pressing 1 in the alpha mode.
- 2. Station NNN may set and clear the NAME/NUMBER feature anytime:
 - **Set: Intercom # 6 2 1**.
 - Clear: Intercom # 6 2 0. "Clear" eliminates the display when calling, but does not erase it from memory.

MESSAGES AND MEMOS

SPEED DIAL MEMO

This feature allows an LCD user to program a 12-character name for each of his/her 40 personal speed dial numbers. The memo pad of names may be stepped through to select the appropriate party. Memos may also be added to the 40 or 100 system speed dial codes, depending on your system's size, via the station connected to port 000, station number _____ (usually 200).

Press SDS or * if your telephone is not equipped with a Speed Dial button.

NN or NNN = Speed Dial Code. ($10 \sim 49$ station) or ($60 \sim 99$ or $600 \sim 699$, depending on your particular system size, from station 200 only)

If a name was previously stored on this code, it will display on the top line of the LCD.

The name will appear on the bottom line of the LCD as you enter it.

The number will appear on the top line of the LCD as you enter it.

To Program Speed Dial Names and Numbers:

- 1. Press the **Redial** button, then the **Speed Dial** button.
- 2. Dial the desired speed dial code.

3. Press the **Mode** button.

*10 NAME SPEED DIAL

- Enter the name or memo (refer to Recording a Message for method).
- 5. Press the **Mode** button.
- Enter the desired telephone number (16 digits maximum).
- 7. Press the **Redial** button to record data in memory.
- 8. Repeat steps 2–7 to enter more memos.

To Dial a Speed Dial Number:

1. Press the **Mode** button when telephone is idle.

The LCD displays "MODE NO.?"

MESSAGES AND MEMOS

- Dial 8 NN (NN =
 1 0 ~ 4 9,
 6 0 ~ 9 9 or
 NNN = 6 0 0 ~
 6 9 9).
- 3. Press the **Page** button to scan the directory for the appropriate number/memo.
- 4. Press any available **CO** button.
- 5. The number is dialed.

To Check a Speed Dial Number:

- 1. Press **Mode 8** when telephone is idle.
- 2. Dial a 2-digit speed dial number.
- 3. Press the **Page** button to scan the directory for the appropriate number/memo.

To Set a Timed Reminder with Memo:

- 1. Press the **Intercom** button.
- Dial a 3-digit reminder number (# 6 0 5 ~ # 6 0 9).
- 3. Enter the desired time for the message to be displayed.
- 4. Dial **O** if the message is to be repeated every day, or **1** if it is a onetime message only.

The speed dial number appears with name or memo. Personal speed dial code numbers are $10 \sim 49$, and system numbers, stored from station 200 only, are 60 ~ 99 or 600 ~ 699 , depending on your system size.

NOTE: The station must be enabled via system programming for LCD message memory.

Personal speed dial number (10 ~ 49) or system number (600 ~ 699).

If the number is longer than 16 digits, a "+" will appear in the far right corner of the display. Press the Scroll button to display the remaining digits.

TIMED REMINDERS WITH MEMO

This feature allows five separate messages to be set at each LCD station. These messages will be displayed at the times (hour and minute) set by the station user. They can either be displayed just once or repeated on a daily basis.

The 3-digit reminder number may be $#605 \sim #609$.

The message time must be in 24-hour clock format (i.e., HHMM).

MESSAGES AND MEMOS

- Enter the desired message number, or
 00 if no message should be stored.
- 6. Press the **Redial** button to record the data in memory.

Personal message ($10 \sim 19$) and system ($60 \sim 99$). The message does not display when setting a timed reminder—it displays when the reminder activates. Messages are set using the Record a Message method.

The LCD displays "DATA PROGRAMED". You will hear a confirmation tone. The message will be displayed at the specified time, and a beeping tone will be heard for 30 seconds (or until it is canceled by pressing the **Mode** button and then dialing 0).

MESSAGE SENDING

The Alphanumeric Messaging feature on your LCD digital telephone enables you to set short text (up to 32 characters) at your station to ensure that you do not miss important calls. Any station may record a message; however, only stations with the LCD are able to display messages. Stations that do not use Soft Keys (Soft Keys Off: Mode 7 0) may send messages "live" to other LCD station users. To record messages, see the Recording a Message section in this guide.

Your system has up to 40 preprogrammed messages that may be sent to other LCD digital or electronic telephones. You can temporarily add to or change any of these messages, in order to leave a personalized message at your station (see Note below).

Some stations may record and save up to 10 personal messages to be used for all types of station messaging. This is a station option that is enabled in system programming.

CALLED STATION MESSAGING

Your station number and a message indication may be sent to another LCD station. When that station responds, it will receive the message. Soft Keys must be off (MODE 70) at the sending station for this feature to operate.

- Dial the station number (station does not answer or is busy).
- 2. Press the **Mode** button.

To Set a Called Station

3. Dial 4.

Message:

- 4. Enter the desired message number.
- 5. Press the Msg button.
- 6. Press the **Spkr** button to release.

The LCD displays "MW TO STNNN MSG NO?"

The LCD displays "MODE?"

Personal message (10 \sim 19), system message (60 \sim 99). The LCD displays the message.

"CALL NNNM" is displayed at the called station and the Msg LED flashes; "SENT NNNM" is displayed at your station. N = Station Number, M indicates that a message has been sent.

MESSAGES AND MEMOS

To Receive a Called Station Message: Press the Msg button.

To Set a "Called Station"

Message for Another

1. Press the Mode

Station or Group of

Press these buttons when your telephone MSG LED is flashing

GROUP CALLED STATION MESSAGING

The LCD displays "MODE 94 DEST EKT NO. NNN?".

This feature allows a station to set a Called Station Message for a group of stations.

The LCD displays "MODE 94 DEST EKT NO.NNN" or the Station Group number.

Enter #30 for all stations, or #31 ~ #38 to send the message to a group of

The LCD displays "MODE?"

stations.

button. 2. Dial 94.

Statons:

3. Dial the "destination" station's number (or enter # 3 0 for all stations, or # 3 1 ~ # 3 8 for page groups).

4. Press the Page button.

5. Dial the "originating" station's number.

6. Press the **Page** button.

7. Enter the desired message's number.

8. Press the **Page** button.

9. Press the Mode button.

10. Dial **0**.

At originating station, the LCD displays date/day/time, and then displays "SENT NNNM". At the destination station, the LCD displays the originating station number and a message indication

- The LCD displays "MODE 94 ORG EKT NO.?"

Your number or another station number. The LCD displays "MODE 94 ORG EKT NO.NN".

The LCD displays "MSG NO.?"

The LCD displays the message.

The LCD displays "MSG NO.?"

The LCD displays "MODE NO.?"

(

MESSAGES AND MEMOS

| • | Receive a Called tion Message: Press the Misg button. | |
|------|--|---|
| | | REMOTE CALLING STATION MESSAGING |
| Me | Set a Calling Station ssage for Another tion: | |
| 1. | Press the Mode button when your telephone is idle. | The LCD displays "MODE?" |
| 2. | Dial 9 5 . | The LCD displays "MODE 95 DEST EKT NO.?" |
| 3. | Dial the "destination" station number. | The LCD displays "MODE 95 DEST EKT NO.NN". |
| 4. | Press the Page button. | The LCD displays "MSG NO.?" |
| 5. | Enter the desired message number. | The LCD displays the message. |
| 6. | Press the Page | The LCD displays "MSG NO.?" |
| | button. | NOTE: Group calling station messaging allows you to set a calling station message for only one station at a time. |
| | Press the Mode button. | The LCD displays "MODE NO.?" |
| 8. | Dial 0 . | Your LCD shows the time and date. The message is displayed at the "destination" station. Any station calling the "destination" station receives the message. |
| | | BUSY STATION MESSAGING When reaching a busy LCD station, a message can be sent to that station (an audible tone will be heard). The busy station may also return a message to the calling station's LCD. The two stations may continue this procedure to carry on a "silent" conversation. Soft Keys must be off (Mode 70) at the sending and receiving stations for this feature to operate. |
| To S | Send a Message to a | |
| Bus | y Station: Call the desired station. | Listen for a busy tone. |
| 2. | Press the Mode button. | The LCD displays "MODE NO.?" |
| 3. | Dial 2 . | The LCD displays "OVER TO STNN MSG NO?" |

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- Personal message (10 ~ 19) and system message (60 ~ 99). The LCD display 4. Enter the desired message number. the message.
- 5. Press the Page The LCD displays "MSG SEND". The destination station beeps four times and the message is displayed for 30 seconds, or until the originating station hangs button. up.

To Return a Message (within 30 seconds) from the Busy Station After Receiving a "Busy Station" Message:

1. Press the Mode button.

The LCD displays "MODE NO?"

2. Dial 2.

The LCD displays "OVER TO STNN MSG NO?"

Personal message (10 ~ 19) and system message (60 ~ 99). The LCD displays the message.

4. Press the Page button.

3. Enter the desired

message number.

The LCD displays "MSG SEND".

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