

# Toshiba Strata DK 280 User Manual

Liquid crystal display digital telephone

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Liquid Crystal Display Digital Telephone User Guide



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# Summary of Contents for Toshiba Strata DK 280

<u>Page 1</u> Telecommunication Systems Division Digital Business Telephone System Release 3 Liquid Crystal Display Digital Telephone User Guide...

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 ......Assign a Voice Mail Message Mailbox Assign Voice Mail Retrieval

 Digits ......Retrieve Voice Mail Messages Busy Field Display

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 Keys .....

Page 5 Figures Sample Page......20-button Digital Speakerphone Mode, Page, and Scroll Buttons ......Dial Pad Information.......Table Paging Group and Zone Codes ......

#### Page 6 ,.....

#### Page 7: Introduction

Introduction This guide is for users of the 2000-series LCD telephones (models DKT2010- SD, DKT2020-SD, and DKTI 020-SD), and 1 OOO-series LCD telephones. This guide only covers the LCD functions of the digital telephone. Use it with the Strata DK Digital Telephone User Guide.

#### Page 8: Conventions

Conventions Letters in [brackets] represent buttons which have Directory Numbers on them. For example: [DN] any Directory Number button (also known as an Extension or Intercom Number). [PDN] Primary Directory Number button (the Extension Number for your telephone). [PhDN] = Phantom Directory Number button (an additional Directory Number).

## Page 9: Sample Page

Chapter Titles - First Level Headings Results or Details Action Text - Explanations or details Specific instructions of the Action Text. on how to perform a procedure numbered entered in the left- hand column. Figure 1 Sample Page...

Page 10 . . . viii...

<u>Page 11</u> : :. The Grand Tour provides a detailed overview of the visual and operational features of your Toshiba phone system. 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.

Page 12 LCD Display Handset LCD Control/Soft Key Buttons Red/Green LED Indicators Dial Pad Flexible Feature Control Buttons Message Waiting Button and LED Indicator i&i Speaker ON/OFF Button and LED I III Indicator Microphone Location Volume Up/Down Control Buttons Last Number Redial Button -Hold Button...

#### Page 13: 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.

Page 14 Scroll: Scrolls through message waiting numbers. 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 + 7 I), the Mode, Page, and Scroll functions are not active when the telephone busy on a CO line or internal call.

#### Page 15: Lcd Function Overview

LCD Function Overview IMPORTANT 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.

Page 16 Automatic Number Identification (ANI) Caller ID calls: If your telephone has been programmed with ANI capability, you may: Activate ANI and/or Caller ID display mode by pressing Mode + 6 1. (System default is ON.) Deactivate ANI and/or Caller ID display mode by pressing Mode + 6 0.

Page 17 After the transferring station (station 201) hangs up. CN:7145876782 When you answer the transferred call. ANSWERED LINE If you do not answer the transferred call within a programmed period of time, the held call will automatically recall the transferring station (i.e., station 201). This screen shows the display of the transferring station (i.e., station 201) as the call recalls.

Page 18 When you receive an automatic callback for a CO Line, the seized line's number Automatic line Selection: [DN] If your station automatically accesses a when you go off-hook, the three [PDN] character designation, "[NT" (Internal Dial Tone), displays to confirm this status. CO Line If your station automatically...

Page 19 In the Call Forward examples: Call Forward for [DNsl: LLL = the calling [DN] PPP, TTT, VVV = the "Call-Forward-From" Directory Number. RRR, SSS, UUU = the "Call Forward Destination" Directory Number. Call Forward This LCD display appears when you begin to set any type of call forward. CALL FORWARD TO After you set Call Forward,...

Page 20 "CF-A" denotes Call Forward-All Calls from PPP to RRR. Press Scroll. "CF-8" denotes Call Forward-Busy from PPP to SSS. Press Scroll. "CF-NA" denotes Call Forward-No Answer from TTT to UUU. Press Scroll. "CF-BN" denotes Call Forward-Busy/No Answer from VVV to UUU. Press Scroll.

<u>Page 21</u> CO line Number: Incoming Call Incoming CO call-the system station line numberdisplays if your station is programmed for incoming ringing on that CO line, as long as no CO identification LINE 10 RINGING 1 is programmed. Transferred CO call-CO line is transferred to your station in the ringing state by another station.

<u>Page 22</u> Date/Time: Press Page to display date/time when talking on a Central Office (CO) line (Soft Keys must be off before the call is started). The date/time is adjusted on a system-wide basis by the station located in port 00 (usually station 200). Page Continued pressing...

Page 23 TOSHIBA For DNIS calls. LINE 3 CALLING ': TOSHIBA When the call was forwarded to your station. 3 CALL When the call is transferred. TOSHIBA When the call is answered. ANSWERED LINE For calls that recall the transferring station Held call automatically recalls your station after a programmed period of time.

<u>Page 24</u> Elapsed Time: While you are making an outgoing Central Office (CO) line call, the call's elapsed time 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:...

<u>Page 25</u> Message Waiting: 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. A "+" indicates there are more messages in memory.

<u>Page 26</u> Executive Override Your LCD telephone displays the number of a station (MMM) initiating executive EXEC OVRD 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 NO.

Page 27 + 8 + the speed dial number), the name and number are displayed. Press Page to display more. 7145833700 TOSHIBA is the memo (up to 12 characters). 714 583 3700 is the number (up to 16 digits). Toll Restriction Traveling Class Override...

#### Page 29: Chapter 2 - Feature Operation

Feature Operation This chapter provides instructions for LCD telephone features. Consult Strata DK280 Digital Telephone User Guide for instructions about features that apply to both non-LCD

and LCD telephones. Date/Time/Day Adjustment This operation is possible from port 00 (usually station 200) or attendant To Set the Date: consoles, and enables you to set the date, time, and day.

## Page 30: Call Forward Display

To Set the Day: Place handset on-hook. Press a [DN] + #653. Enter the day (see 1 = Sunday 2 = Monday codes on the right). 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday Press Redial.

#### Page 31: Call Forward-No Answer

Call Forward-No Call Forward-No Answer Answer All calls to your station when set with this feature will forward to a selected station if you fail to answer within a time that you designate. Call Forward-Busy/No Call Forward-Busy/No Answer Answer All calls to your station set with this feature will forward immediately to a selected station whenever you are busy on another call or in the Do Not Disturb mode.

#### Page 32: Call Forwarding From A Phantom Directory Number

Call Forwarding a Primary and/or Phantom Directory Number Your telephone has a Primary Directory Number which can only be call [PDN] forwarded from your telephone. To set call forward for a Phantom your phone must be programmed as the [DN], owner of [PhDNs].

#### Page 33: Park/Park And Page

To Cancel a Call Forward: Press the You will hear a steady dial tone and see a steady LED light. [PDN] you want to [PhDN] cancel Call Forwarding Dial # 6 0 1. The dial tone will go silent, and the LED will flash intermittently. The LED will go off.

#### Page 34: Parked Call Retrieval

Table Paging Group and Zone Codes Paging Zone Codes Paging Group Codes # 3 5-Zone # 3 1 I-Group # 3 15-Group # 3 12-Group # 3 1 6-Group # 3 6-Zone # 3 17-Group # 3 7-Zone # 3 I E-Group # 3 &-Zone # 3 14-Group # 3 1 &-Group...

#### Page 35: Park Orbit List Display

Park Orbit list Display TO Display Parked Calls: This feature enables you to monitor (view) the calls that are parked at your station. Press Mode. [MOOE If your telephone has an Orbit List button, press it and go to Step 3. Your telephone must be idle to use the Mode button when displaying the Park...

#### Page 36: Station-To-Station Message Waiting

Press Scroll to view If your telephone is equipped with a Lost Call Auto Dial button, you may the saved information auto dial a saved number by performing any of the following: on the LCD display. Enter Class/AN1 Information display Mode + 6 2, and choose the number or name of the lost caller you want to contact.

#### Page 37: Voice Mail (Vm)

To answer the Msg Note: LED indication from the Up to five message waiting displays may be stored on the LCD per each called station, press the [DN] owned by the telephone ([PDNs] and [PhDNs]). The station [DN] flashing Msg button. in the display will be called when the flashing Msg (fixed) or [PhDN] Msg (flexible) button is pressed.

#### Page 38: Assign A Voice Mail Message Mailbox

The LCD displays the digits and pauses. These digits include special voice mail Dial the digits (up to 16) codes and the voice mailbox number. For example, for Toshiba voice mail [DN] and pauses to be sent. systems dial 91 NNN, where NNN is the mailbox number of the...

## Page 39: Busy Field Display

To Clear All Digits: Press a [DN]. Dial # 6 5 6 or :\_; : #657. Press Redial. Busy Field Display Your telephone must be idle to use the Mode button when Soft Keys are turned Note: The Busy Lamp field (BLF) mode will stop all other displays...

#### Page 40 ....

## Page 41: Chapter 3 - Soft Key Operation

Soft Key Operation .' The Soft Key feature provides a quick and easy way to access frequentlyused 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...

## Page 42: Using Soft Keys To Make A Conference Call

Using Soft Keys to Make a Conference Call While on an outside call with CO line (line 3 for this example) your LCD will display the following prompts: TALK ON LINE 3 TRNS CONF Page Mode SCKJII Note: Once the Soft Key prompts appear (in this case, the Soft Keys are TRNS,...

<u>Page 43</u> ".- To transfer to a station, press the STA. Soft Key. LINE OR STATION? RTRN LINE STA. Whenever the RTRN Soft Key appears, you can terminate the operation and return to the outside call by pressing the RTRN Soft Key. Dial a station number when the following LCD appears: DIAL STATION...

<u>Page 44</u> After three seconds the user's name (or number) is replaced with the following display and you can voice announce to station 203: ANNOUNCE TO 203 TRNS RING RTRN or, when in TONE mode the following is displayed: RINGING MESG TALK RTRN W You could stop the called station voice announce and make station 203...

## Page 45: Soft Key Prompt Definitions

The LCD will appear as follows after you press the JOIN Soft Key in Step 5 and all parties will be conferenced. LN3t203 EXIT CONF "LN 3 + 203" indicates that you are in a Conference with CO line 3 and Station 203.

## Page 46: Soft Key Activation

EXEC-(Executive Override) Press to break into the conversation of a busy called station. ACB-Press to activate Automatic Callback after reaching a busy station, CO line, or CO Line group. ABR-Press to activate Automatic Busy Redial after dialing a busy outside telephone number.

## Page 47: Soft Key Deactivation

Soft Key Deactivation To deactivate Soft Keys at your station: Make sure your Your telephone must be idle before you follow the steps on the left to activate or telephone is idle. Do deactivate the Soft Key feature at your station. not lift the handset.

#### Page 49: Storing A Message In Memory

Messages and Memos The LCD on your telephone can be used to send or receive messages to or from other LCD telephone users. It 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.

## Page 50: Recording A Message

Recording a Message Recording a Message, Name, or Memo Use this procedure to enter the characters of a personal message (10 m 19) or (60 N 99, Station 200 only), to add to a preprogrammed system message 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 on the previous page), perform one of the following procedures:...

## Page 51: Preprogramming System Messages

The following special characters are set by pressing 1 and then pressing 0 to step through the available 1: .... characters: Q, Z, :, -, +, /. Preprogramming System Messages System messages can only be programmed or permanently changed at port 000, station number (usually 200).

## Page 52: Messaging

...~. 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. To Create an LCD

Message for Phones that Call Yours: Press the LCD Msg Select - or -...

#### Page 53: Setting/Changing Calling Station Messages

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...

<u>Page 54</u> Press Spkr. The new information is stored and will appear on the top line of the display. example, if you entered "TOSHIBA EXT. 200", that will appear above date/day/time on the display. To Clear Name/Number Display: Press a [DN] + You will hear a confirmation tone, then a busy tone.

<u>Page 55</u> To Enter Name/Number Information for Other Stations/Devices .'. Turn off Soft Keys by Entering Name/Number information for other stations or devices is only allowed pressing Mode + 7 0, from Station 200. when your telephone idle. Press a [DN] + #6ZI.

#### Page 56: Speed Dial Memo

Repeat Steps 2 m 7 to Notes: To erase the name/number information of another station from enter more station 200, repeat Steps I - 6 above and enter blanks in Step 5. names/numbers. Blanks are entered by pressing 1 in the alpha mode. To turn Soft Keys on Station NNN may set and clear...

<u>Page 57</u> :- : Enter the name or The name will appear on the bottom line of the LCD as you enter it. memo (refer to Recording a Message for method). Press Mode. The number will appear on the top line of the LCD as you enter it. Enter the desired telephone number (16...

#### Page 58: Timed Reminders With Memo

..' \_ To Check a Speed Dial Number: Note: Press Mode + 8 when The station must be enabled via system programming for LCD message telephone is idle. memory Dial a two-digit speed Personal speed dial number (10 \* 49) or system number (600 N 699). dial number.

#### Page 59: Message Sending

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.

#### Page 60: Group Called Station Messaging

To Receive a Called Station Message: Press the Msg button. Press these buttons when your telephone Msg LED is flashing Group Called Station Messaging This feature allows a station to set a Called Station Message for a group of stations. To Set a "Called Station"...

#### Page 61: Remote Calling Station Messaging

:... Remote Calling Station Messaging To Set a Calling Station Message for Another Station: Press Mode when The LCD displays "MODE?" your telephone is idle. Press 9 5. Dial the destination The LCD displays "MODE 95 DEST EKT NO.NNN." This is the to which [PDN]...

#### Page 62: Return A Busy Station Message

The LCD displays "MSG SEND". The destination station beeps four times and Press Page. the message is displayed for 30 seconds, or until the originating station hangs Return a Busy Station Message You can return a Busy Station message after receiving a Busy Station message by following the steps on the left.

#### Page 63: Index

Index directory number display, call forward-fixed, 20-button digital speakerphone with liquid crystal display, 2 [DN], 7-9, 12-13, 16, 19-20,22, call forwarding a primary 24,26-29,43-49 and/or phantom directory number, 9, 21, 22 Do Not Disturb (DND) override, account codes, 5 cancel a call forward, door phone/monitor, alphanumeric messages,...

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