TOSHIBA

Strata ® DK

Digital Business Telephone Systems

DKT2104-CT
Cordless Digital Telephone
User Guide

Publication Information

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Introduction

This guide describes the features and operation of the Strata DK DKT2104-CT 900 MHz Cordless Digital Telephone with Strata DK Business Telephone Systems. To get the most from your cordless telephone, please read this guide thoroughly.

The Strata DK systems that support this equipment are:

♦ DK14

♦ DK16e and DK16

♦ DK24/56/96 (Release 4.0)

♦ DK40i and DK40

♦ DK280 (Release 3.0 or higher)

♦ DK424i and DK424

For Strata DK40i, DK40, DK14, and DK24/56/96 see "Access Codes" on Page 83 for differences in operation.

Organization

This user guide is divided as follows:

♦ **Chapter 1 – The Grand Tour** is an equipment overview of the handset and batteries, Base and Charger Units.

♦ **Chapter 2 – Installation** has step-by-step installation instructions.

♦ **Chapter 3 – Configuration** covers optimizing the performance of your cordless telephone, using configuration options.

♦ **Chapter 4 – Handset Operation** covers operating controls and features.

♦ **Chapter 5 – Features** covers the practical operation of the cordless features.

♦ **Appendix** covers troubleshooting, range and performance, simultaneous conversation channels, radio interference, specifications, and access codes.

Conventions

Some of the following conventions are omitted in our manuals when they are not used.

Conventions	Description
Note	Elaborates specific items or references other information. Within some tables, general notes apply to the entire table and numbered notes apply to specific items.
Important!	*Calls attention to important instructions or information.*
CAUTION!	**Advises you that hardware, software applications, or data could be damaged if the instructions are not followed closely**.
WARNING!	**Alerts you when the given task could cause personal injury or death**.
P	Represents any Directory Number button, also known as an extension or intercom number.
[PDN]	Represents any Primary Directory Number button (the extension number for the telephone).

Conventions	Description
[SDN]	Represents any Secondary appearance of a PDN. A PDN that appears on another telephone is considered an SDN.
[PhDN]	Represents any Phantom Directory Number button (an additional DN).
Arial Bold	Represents telephone buttons.
`Courier`	Shows a computer keyboard entry or screen display.
Dot Matrix	Shows Liquid Crystal Display (LCD) messages.
"Type"	Indicates entry of a string of text.
"Press"	Indicates entry of a single key. For example: Type **prog** then press **Enter**.
Plus (+)	Shows a multiple PC keyboard or phone button entry. Entries without spaces between them show a simultaneous entry. Example: **Esc**+**Enter**. Entries with spaces between them show a sequential entry. Example: **# + 5**.
Tilde (~)	Means "through." Example: 350 ~ 640 Hz frequency range.
➤	Denotes the step in a one-step procedure.
➤	Denotes a procedure.
See Figure 10	Grey words within the printed text denote cross-references. In the electronic version of this document (Strata DK Library CD-ROM or FYI Internet download), cross-references appear in blue hypertext.

Action/Response Table

1. *Actions* you perform appear in this column. They can consist of either a single step or a series of numbered steps.	The *immediate response to the action* performed appears in this column. Addtional notes and comments are also included.

Related Documents and Media

Note Some documents listed here may appear in different versions on the CD-ROM, FYI, or in print. To find the most current version, check the version/date in the Publication Information on the back of the document's title page.

The following documents and CD-ROMS can be used to reference further information about the Strata DK systems.

♦ Strata DK Programming Manual

♦ Strata DK Installation & Maintenance Manual

♦ Strata DK Library CD-ROM

For authorized users, Internet site FYI (http://fyi.tsd.toshiba.com) contains all current Strata DK documentation and enables you to view, print, and download current publications.

The Grand Tour

1

This chapter familiarizes you with the Strata DK DKT2104-CT Cordless Digital Telephone handset and its batteries, Base and Charger Units, and fixed buttons. Chapter 5 – Features, beginning on Page 39 covers the four pre-assigned flexible buttons.

The DKT2104-CT brings mobility and productivity to office telephones. It cuts down on "telephone tag" delays and is easy to take with you. It works with Strata DK telephone systems (except Strata DK24/56/96, Release 3) and provides you with reliability, long life, and outstanding performance. Some of its features are:

♦   Liquid Crystal Display (LCD) that wraps using 2 lines, total of 32 characters

♦   Four displayed operation modes, including Message Waiting (MW)

♦   HOLD, MSG (with MSG LED), CNF/TRN, and MUTE buttons

♦   Wall-mount plate, belt clip, and two batteries

♦   Two handset volumes, four ring levels, and a vibration mode

♦   Simultaneous charging of handset and spare batteries

♦   Wall-mount or desktop unit

♦   Stand-alone or DKT operation

Digital Technology

The DKT2104-CT uses 900 MHz Digital Narrow Band technology that provides:

♦ Unsurpassed range, two to three times greater than conventional analog cordless telephones.

♦ Clarity that is so good, it is indistinguishable from corded telephones in most environments.

♦ Maximum security for up to 30 cordless digital telephones that is almost impossible to scan.

Handset

Your cordless handset has special function buttons (shown at right) and an LCD that shows operating conditions.

The LCD displays "talk" when the battery is hot swapped (quickly removed and returned to the handset while talking). "Message" displays in standby mode only.

There is a ringer on the side of the handset that toggles the ringer/vibrator On and Off.

Table 1 describes the available buttons and Table 2 describes the LCD messages.

Note Though highly unlikely, it is possible for two cordless telephones to share the same channel. If this occurs, the DKT2104-CT will automatically switch to a clear channel within five seconds.
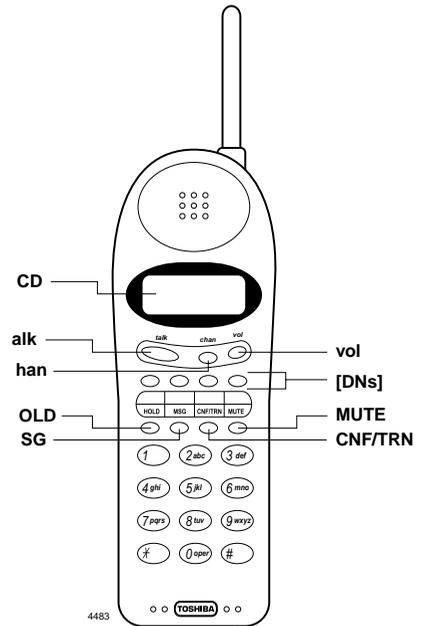
Table 1   Button Description

Button	Description
talk	Initiates and disconnects calls.
vol	Selects ringer tone and volume in standby mode and speaker volume in talk mode.
chan	Selects channel while in talk mode and locks the handset while in standby mode.
HOLD	Places calls on hold.
MSG	Sets MW indication at called station.
CNF/TRN	Conferences and transfers calls.
MUTE	Toggles the mute feature On and Off (mutes your conversation away from the handset).

Table 2   LCD Messages

LCD Message	Action	Corresponding LED
talk	Changing channels	Blinks at 300 msec. (On and Off).
	Muted	Blinks at 600 msec. (On and Off.
	Transferring	Blinks at 200 msec. (On and Off).
	Transferring and muted	Blinks at 200 msec. (On and Off), then 200 msec. On and 600 msec. Off.
	Reconnecting to a call	Steady
lowbatt		Steady
lock	Turning On	Steady
	Setting up	Off
	Canceling	Steady
message	Retrieving	Steady

Base Unit

The Base Unit can be used as a desktop or wall-mounted unit (shown at right). There are two LEDs that indicate Desk or Cordless mode.
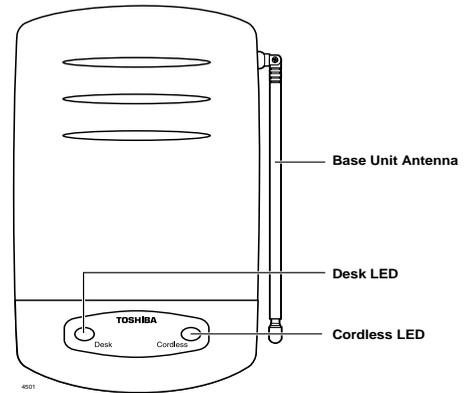
Charger Unit

The handset comes with a Charger Unit (shown at right) that has front and rear slots.

The front slot functions as a cradle for the handset when idle and a charger for the handset battery.

The rear slot is for spare battery charging. It automatically discharges when it detects that discharging is necessary.

Charge 1 and 2 LEDs indicate battery charging status. The LEDs flash red when charging, and are steady red when the battery is charged.
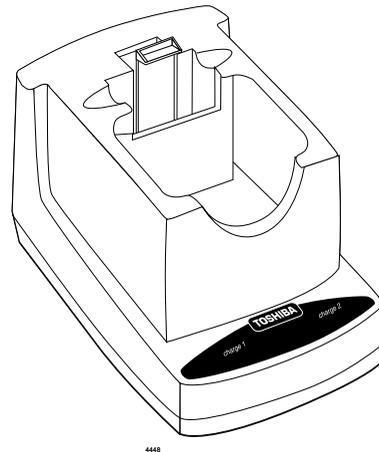
Batteries

Your cordless telephone comes equipped with two Sealed Lead Acid batteries that provide 5 hours of talk and 40 hours of standby time (fully charged). A "fast charge" in the handset and a "trickle charge" in the Charger Unit enables the extended talk and standby times.

When the battery is low, the message at the right displays on the LCD and the handset beeps. Low battery symptoms are:

┌─────────────────────────────┐
│   │
│   b a t t l o w   │
└─────────────────────────────┘

♦ On a call

♦ Only **talk** operates

♦ Handset beeps once every three seconds

♦ In standby mode

♦ None of the buttons operate

♦ Handset beeps once

♦ Cannot make call

CAUTION!   **Do not completely discharge the battery. The Lead-Acid battery for the DK2104-CT is similar to your car battery and can be damaged if it is completely discharged.**

Make sure your spare battery is always charging to ensure against complete battery discharge. To restore your battery capacity, return the handset to the Charger Unit for charging or replace the handset battery with a charged one. The batteries can remain in the Charger Unit for over one month. For more information on installing and charging the battery,

Volume Levels

Your handset has a volume (**vol**) button just below the LCD that changes the ringer type and the volume for the selected type. There are three available types – Type A

(two volume levels), Type B (two volume levels) and Vibrator (On/Off). When the handset is idle, press **vol** to select ring type and volume. You also have a toggle switch on the handset (left-hand side) that mutes the ringer.

Handset Mute

Your handset speaker can be muted to consult another person in the room without the caller hearing you. The mute feature is easily turned On and Off by pressing the button.

Cordless Digital Telephone Standard Parts

Your Toshiba cordless digital telephone includes the following items:
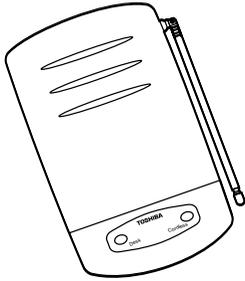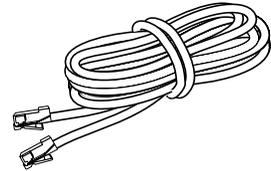
Base Unit   **Handset**   **Telephone Cord (2 ft.)**
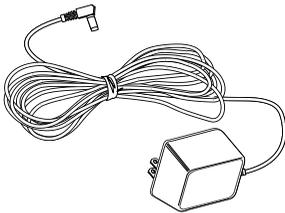
AC Adapter   **Rechargeable Batteries (2)**   **Belt Clip**
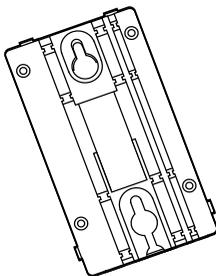
Wall Mount   **User Guide**   **Charger Base**
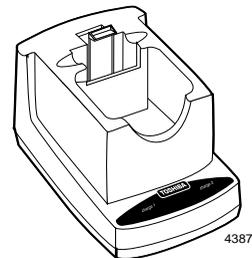
If any of these items are missing or damaged, contact your System Administrator.

Base Unit
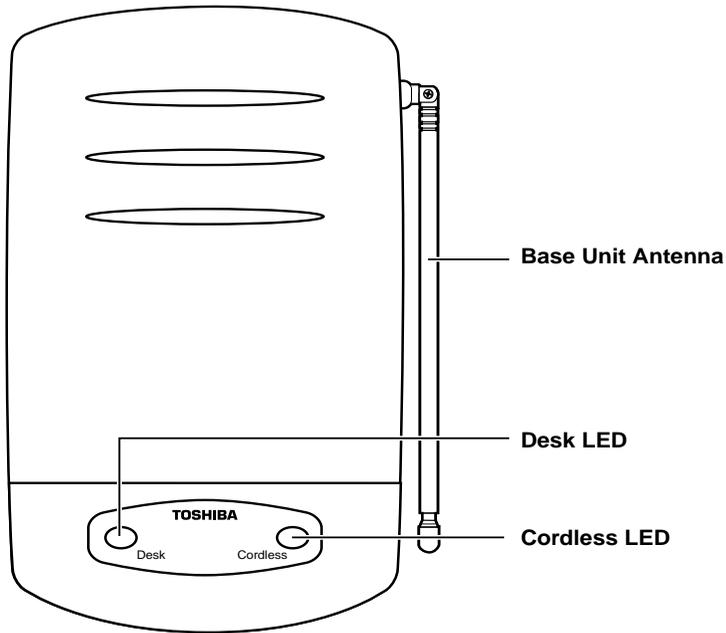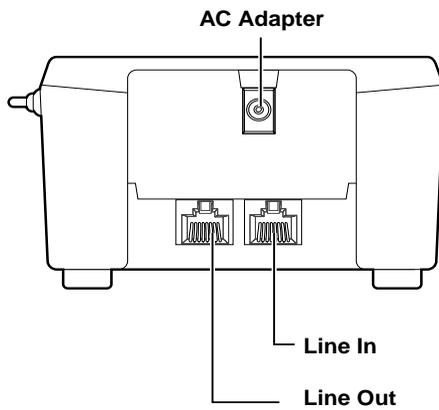
Base Unit Antenna

Desk LED

TOSHIBA

Desk   Cordless

Cordless LED

4386

AC Adapter

Line In

Line Out

Installation

2

Step 1: Review Safety Instructions

WARNING! **To reduce the risk of fire and/or personal injury by the battery, follow these instructions:**

♦   Read and understand all product instructions.

♦   Follow all warnings and instructions marked on the product.

♦   Cleaning precautions:

   ♦   Unplug this product from the wall outlet before cleaning.

   ♦   Do not use liquid cleaners or aerosol cleaners.

   ♦   Use a dry cloth for cleaning.

♦   Do not use this product near water; for example, near a sink, or in any wet area.

♦ Never spill liquid of any kind on the product.

♦ Do not place this product on an unstable cart, stand, or table. The telephone could fall, causing serious damage to the unit.

♦ To protect the product from overheating, do not:

  ♦ Block or cover any slots or openings in the Base Unit

  ♦ Place near or over a radiator or heat register

  ♦ Place in an enclosed cabinet unless proper ventilation is provided.

♦ Operate this product only from the type of power source indicated on the marking label.

♦ Do not allow anything to rest on the power cord. Do not locate this product where the cord could be damaged by persons walking on it.

♦ Do not overload wall outlets and extension cords because it could result in fire or electrical shock.

♦ Never push objects of any kind into the Base Unit slots, as the objects could touch dangerous voltage points or short out parts that could cause fire or electric shock.

♦ To reduce the risk of electric shock, do not disassemble this product. Opening or removing covers could expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the appliance is subsequently used. Contact qualified service personnel when service or repair work is required.

♦ Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

  ♦ When the power supply cord is damaged or frayed.

  ♦ If liquid has been spilled into the product.

  ♦ If the product has been exposed to rain or water.

  ♦ If the product does not operate normally when following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage, and will often require extensive work by a qualified technician to restore the product to normal operation.

  ♦ If the product has been dropped, or the cabinet has been damaged.

- ♦ If the product exhibits a distinct change in performance.
- ♦ Do not use the telephone to report a gas leak in the vicinity of the leak.

> **WARNING!** **To reduce the risk of fire and/or personal injury by the battery, follow these instructions:**

- ♦ Use only battery model BT-9000. Use of any other battery could cause a safety hazard.
- ♦ Do not dispose of the battery in a fire. The cell will explode. Under federal, state and local laws, it could be illegal to dispose of old batteries by placing them in the trash. Check with your local government for information on where to recycle or dispose of old batteries. If you cannot find the information you need, contact Toshiba for assistance.
- ♦ Do not open or mutilate the battery. Released electrolyte is corrosive and causes damage to the eyes or skin, and, if swallowed, is toxic. Sealed Lead Acid is a chemical known to the State of California to cause cancer.
- ♦ Exercise care in handling the battery in order not to short the battery with rings, bracelets, and keys or other conductive materials. The battery or conductor could overheat and cause burns.
- ♦ Charge the battery only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
- ♦ Observe proper polarity orientation between the battery and Charger Unit.

Step 2: Select Location

1. Select a location that is not subject to excessive heat or humidity.

2. Determine if the Base Unit will sit on your desk or be wall mounted. If wall mounted, go to Step 3: "Mount on a Wall".

3. Place the Base Unit on a desk or tabletop near a standard 120VAC outlet and within reach of the Strata DK digital line connection.

4. Keep the Base Unit and handset away from sources of electrical noise, such as motors and fluorescent lighting.

Important! *Place the Base Unit to the right of the DKT. If placed on the left, the cordless antenna picks up a tone due to its close proximity to the DKT speaker and electronic parts.*

Step 3: Mount on a Wall

1. Select a wall location near a 120VAC outlet and within reach of the Strata DK digital line connection.

2. Place the wall plate (shown at right) against the wall, and with a pencil, mark the position of the screws.

3. With a punch tool, punch "starter" holes in the wall.

4. Align the wall plate and screws on the wall where the "starter" holes are and tighten down the screws.

Feet

4449
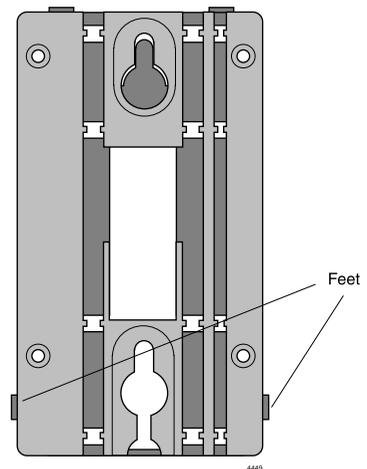
5. Ensure that the wall-mount plate is placed on the wall so that the "feet" are at the bottom when you are looking at the inside of the plate.
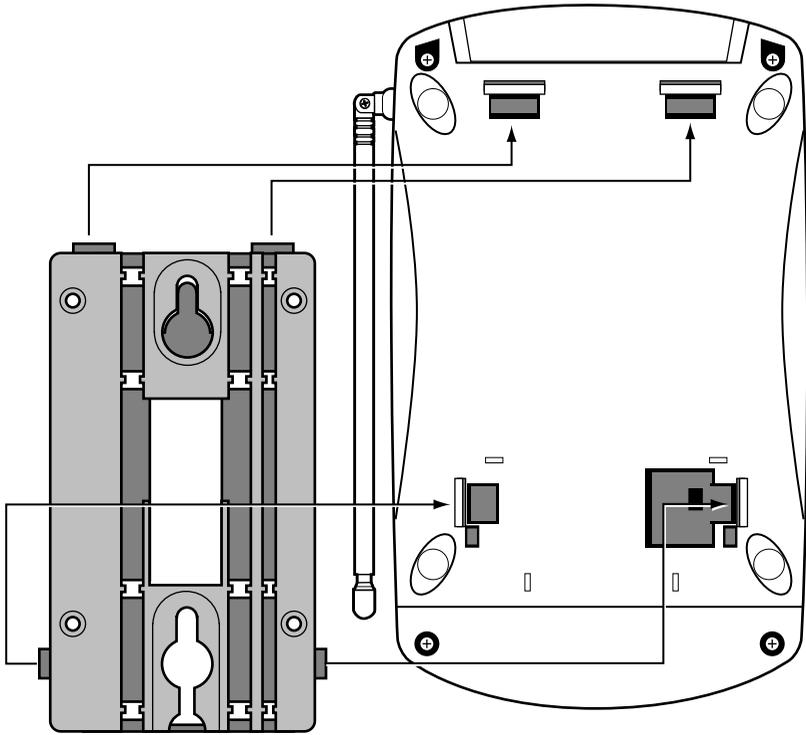
4507

6. Snap the Base Unit onto the plate (shown above).

Step 4: Connect Telephone Cables

➤ **To connect as a stand-alone telephone**

> ➤ Connect the modular jack labeled "Line In" directly to the telephone wall jack using one of the supplied cables (shown at right).
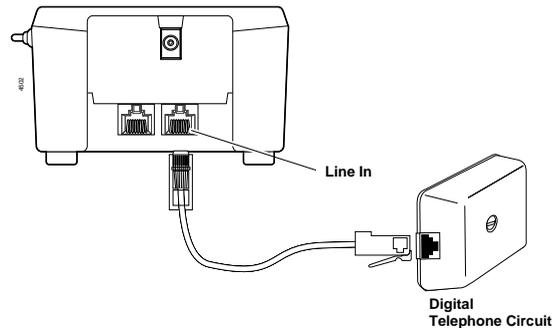
➤ **To connect to a Strata DKT**

> 1. Unplug the cable from the DKT and plug into the "Line In" jack of cordless telephone Base Unit (shown at right).
>
> 2. Plug the additional two-foot cable into the "Line Out" jack of the Base Unit and into the DKT jack located on the bottom of the telephone.
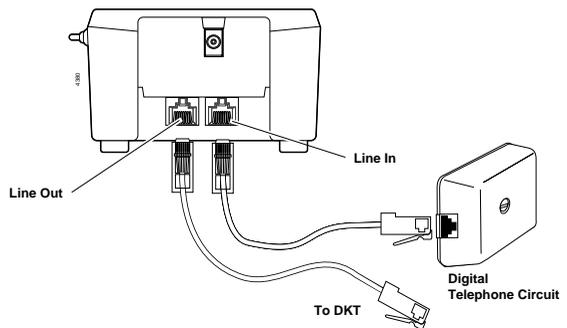
Step 5: Connect and Apply Power

Base Unit

1. Plug the AC adapter cord into the AC adapter input jack on the Base Unit (shown at right).

2. Plug the AC adapter into a standard 120VAC wall outlet.

3. Check to see that the power LED is on.
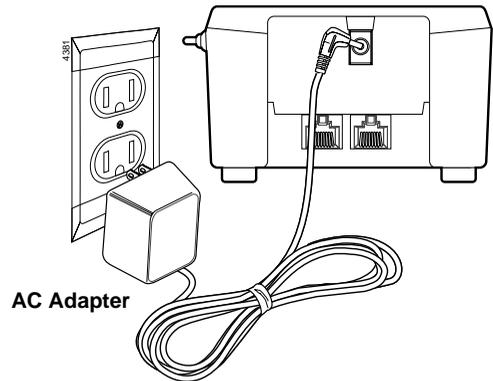
AC Adapter

Charger Unit

1. Plug the AC adapter cord into the input jack on the Charger Unit (shown at right).

2. Plug the AC adapter into a standard 120VAC wall outlet.

3. Check to see that the power LED is on.
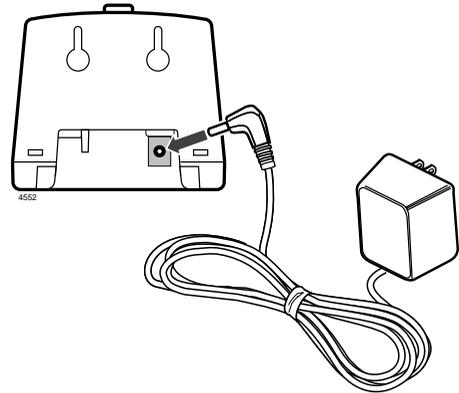
Important!

- *If the power does not light on either the Charger or Base Units, return everything to your Authorized Dealer.*

- *Always route the power cord where it is not a trip hazard, and where it cannot become chafed and create a fire or electrical hazard.*

Step 6: Raise the Base Unit Antenna

➤ Before using your handset, raise the Base Unit antenna to the vertical position (shown at right).

Raise to Vertical Position
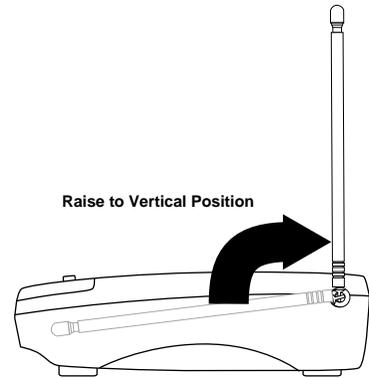
Step 7: Install Handset Battery

Note Your handset should come from the factory with one battery already installed and charged. If not, follow steps below and see Step 8: Charge Batteries for First Time.

1. Carefully remove the battery cover from the back of the handset (shown at right).

2. Place a charged battery into the handset so that it slides easily along the ridges, ensuring that the polarity is correct (minus to minus and positive to positive). The battery clicks into place.

3. Carefully slide the battery cover onto the back of the handset.

4384
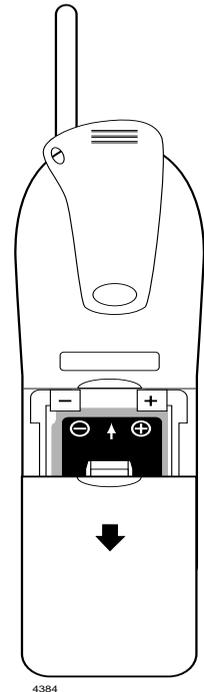
Step 8: Charge Batteries for First Time

Important!   *Before using your handset, the battery must be continuously charged for 10 hours.*

1. Place the handset in the Charger Unit (shown at right).

2. Ensure that charge 1 LED lights. If it does not, make sure that the AC adapter is plugged in and that the handset is making good contact with the Charger Unit.

3. Slide the spare battery in the rear slot of the Charger Unit (shown at right) until it clicks into place.

4. Make sure that the top (marked with plus and minus signs) faces down toward the bottom of the Charger Unit.

5. Ensure that charge 2 LED lights. If it does not, make sure that the AC adapter is plugged in and that the handset is making good contact with the Charger Unit.

4479
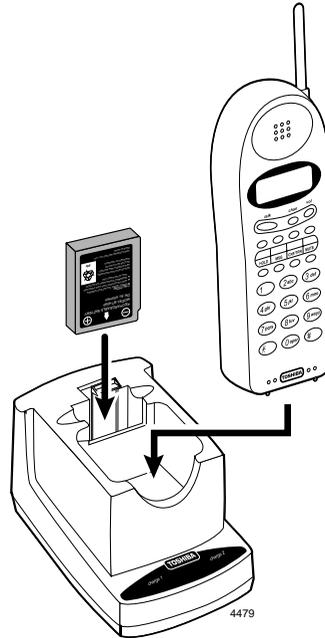
Now you are ready to configure your cordless handset. See Chapter 3 – Configuration, beginning on Page 21 for more information.

Step 9: Install Headset (Optional)

The optional headset provides a hands-free option because you can use the belt clip to carry the handset and conduct a conversation. All feature operations remain the same except the handset earphone and microphone are disconnected.

1. Open the cover over the headset jack that is located on the side of the handset.

2. Plug in the headset as shown at right.
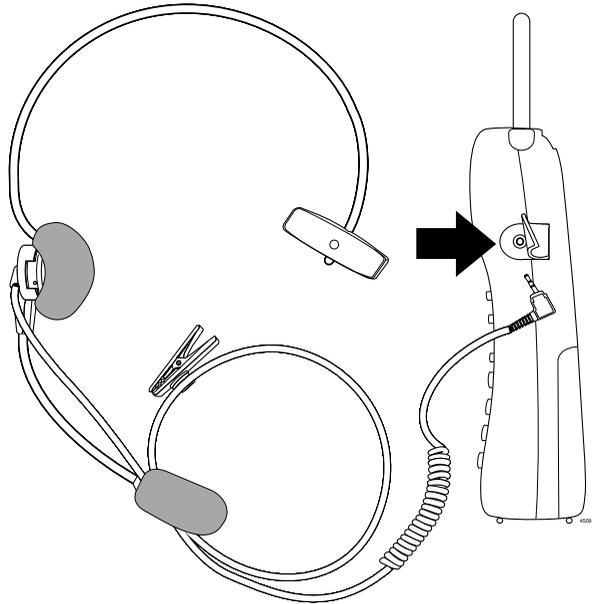
Important! *Only use headsets especially designed or modified for use with radio frequency equipment.*

Step 10: Install Belt Clip

Note The belt clip is designed to fit snugly onto the handset.

1. Remove the belt clip tab from the top rear of the handset (shown at right).

2. Slide the belt clip into the space where the belt clip tab was, carefully aligning the belt clip sides to the notches.

3. Use the belt clip to attach the handset to your belt or pocket.

4385
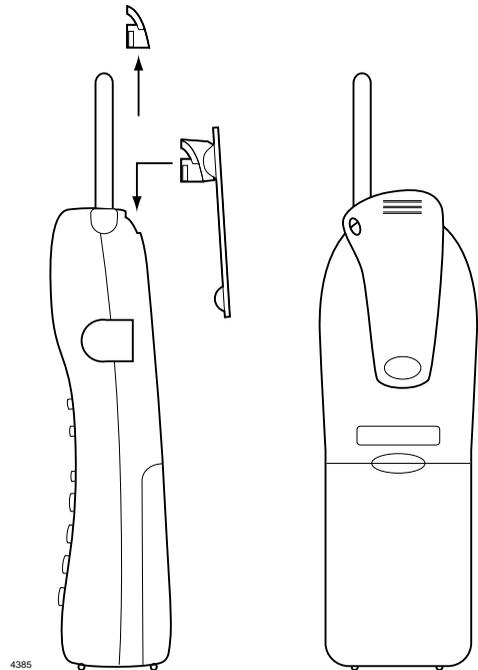
➤ **To remove the belt clip**

1. Pull the belt clip release button back (shown at right).

2. Carefully lift the belt clip off.

Apply Pressure

Push

4508
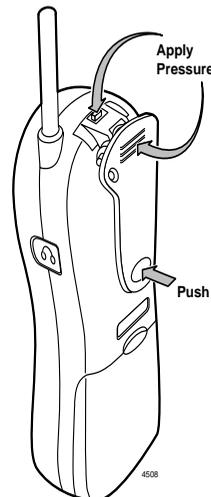
Installation
Install Belt Clip

Configuration 3

This chapter shows you how to configure the DKT2104-CT. It can operate as a DKT or cordless telephone and be programmed whenever it is idle. When entering the program mode, all incoming calls are identified with a ringback tone until the program mode is ended and current calls are unaffected.

You can configure three settings that affect the way the cordless telephone operates with the Strata DK system that are:

♦ PROG1 – reserved

♦ PROG2 – reserved

♦ RCV LEVEL – F3 (ON) sets the receive level to normal; F3 (OFF) sets the receive level to 4-dB level (level).

These settings default to ON.

Enter the Program Mode

1. Remove the handset from the Charger Unit.

2. Press and hold ＊ and ＃ at the same time (shown at right).
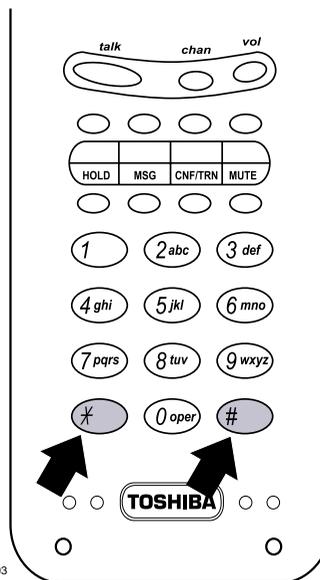
3. Press **vol** to step forward and back through the menu.

4. While holding ∗ and #, press **talk** (shown at right).
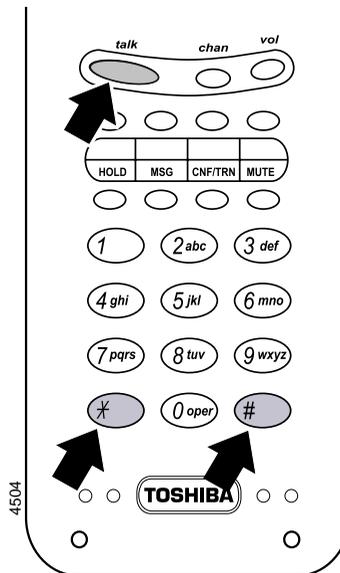
5. Release ∗, #, and **talk** simultaneously.

6. Press **chan** until *data store* displays.

7. Press **0** to toggle the settings for each program step

   ...or store the setting when in the *data store* step.

8. Press **talk** at any time to exit without saving changes

   ...or save the changes by stepping to *data store* and pressing **0** before **talk**.

Note The F3 LED changes for each of the program steps after **0** is pressed.

```
                    ┌──────────────┐
                    │  PROGRAM     │
                    └──────────────┘
                         │ R/VOL
                    ┌──────────────┐
                    │  RESERVED    │  F1
                    └──────────────┘  ON
                         ↕ 0
                    ┌──────────────┐
                    │  RESERVED    │  F1
            MUTE    └──────────────┘  OFF    R/VOL

                    ┌──────────────┐
                    │  RESERVED    │  F2
                    └──────────────┘  ON
                         ↕ 0
                    ┌──────────────┐
                    │  RESERVED    │  F2
            MUTE    └──────────────┘  OFF    R/VOL

                    ┌──────────────┐
                    │  RCV. LEVEL  │  F3
                    │  NORMAL      │  ON
                    └──────────────┘
                         ↕ 0
                    ┌──────────────┐
                    │  RCV. LEVEL  │  F3
            MUTE    │  -4 DB       │  OFF    R/VOL
                    └──────────────┘

                    ┌──────────────┐
                    │  TALK-QUIT   │
                    │  0-STORE     │
                    └──────────────┘
                         ↕ 0
                    ┌──────────────┐
       TALK         │  DATA STORE  │
                    │  TALK-QUIT   │
                    └──────────────┘

                    ┌──────────────┐
                    │              │
                    └──────────────┘  4772
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Handset Operation

4
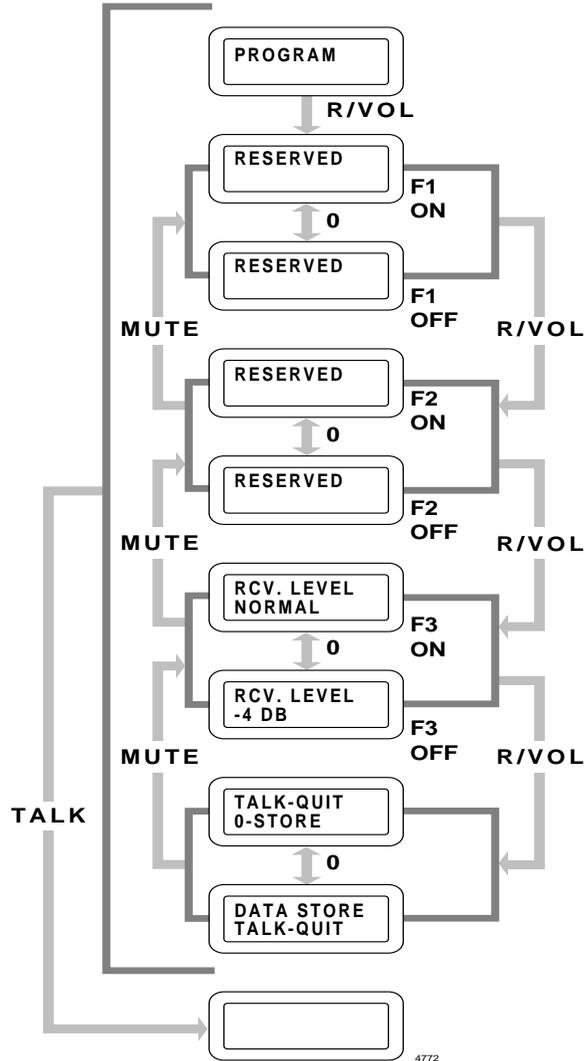
This chapter familiarizes you with basic handset operation, including:

♦ Switching cordless and DKT modes

♦ Signaling

♦ Controlling handset and ringer volume

♦ Making and answering calls

♦ Calling busy stations and attendant consoles

♦ Using CO access codes

♦ Using ISDN trunks

♦ Transferring and conferencing calls

Your cordless telephone is easy to use and has a lightweight handset. The LCD gives you up-to-the minute status on transmission and call processing. If the LCD is blank, the handset is in standby mode and ready to use.

Note The LCD displays *no service* when you are out of range, and you have 20 seconds to move back into range.

Switching Cordless and DKT Modes

➤ **To set the cordless mode**

1. Pick up the handset and press **talk**.

This message blinks, and you hear dial tone:

```
        A C Q U I R I N G
           L I N K
```

This displays:

```


  talk
```
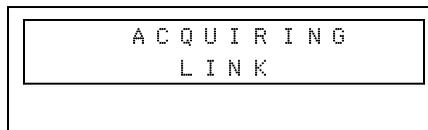
The DKT displays "CORDLESS MODE."
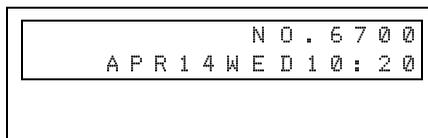
2. Press **talk** again and return the handset to the Charger Unit

This displays on the handset and the DKT LCD.

```
                N O . 6 7 0 0
    A P R 1 4 W E D 1 0 : 2 0
```

Note   The handset LCD goes blank after a few seconds.

...or clip it to your belt.

➤ **To set DKT mode**

➤ Pick up the DKT telephone.	You hear dial tone. This displays on the handset and the DKT LCD.

```
                        N O . 6 7 0 0
            A P R 1 4 W E D 1 0 : 2 0
```
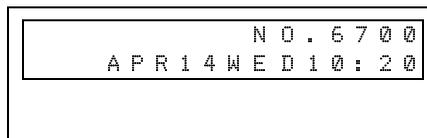
Tone or Voice First Signaling

If you are a new user of the cordless digital telephone, ask your System Administrator if the Strata DK system has Tone or Voice First Signaling. Tone Signaling rings and Voice First has a long tone followed by the caller's voice. You can toggle between Tone and Voice First Signaling on a call-by-call basis.

Both signals are enabled in system programming and determine how you make and answer calls.

➤ **To change the signaling**

1. Press [DN] + station [DN].	If Tone First Signaling is enabled, you hear a one-second ring every four seconds. If Voice First Signal is enabled, you hear a tone burst.
2. Press **1**.	The other signaling is activated.

➤ **To answer a Tone First Signaling call**

➤ Press **talk**. You hear successive ring tones.

Controlling Ringer and Handset Volume

Handset Volume

➤ Press **vol** while on a call to select a loud or soft volume level.

Ringer Volume

➤ Press **vol** to select the ring volume. You can choose high, low, and off for two ringer types.

Note When *ring off* displays, you receive a vibration alert instead of the audible ring tone.

Mute Your Conversation

1. Press and hold **MUTE** to consult with another person in the room without the caller hearing you.

2. Release **MUTE** to continue the conversation.

Mute the Ringer

➤ Press the sliding button on the side of the handset to the OFF position.

Making Calls

Internal Numbers

1.	Press **talk** or a [DN].	You hear dial tone and the LED lights steady.

```
                                    6 7 0 0

  talk
```

2.	Dial a [DN].	**Notes**

- If you have Voice First Signaling, make a voice announcement when you hear a single tone.

- If you have Tone Signaling, you hear repeated ring tones. Wait for the call to be answered.

- If the called station does not answer, you can leave a message by pressing **MSG** or **7**.

External Numbers

1.	Press **talk**	You hear dial tone and LED lights steady.
	...or press any available **Line**.	**Line** can be labeled **CO Line** (outside CO Line), **Line**, or **Pooled Line Grp**.
2.	Enter a telephone number.	Dial tone stops after you dial the first digit.

```
                                9 5 8 3 6 7 0 0

  talk
```
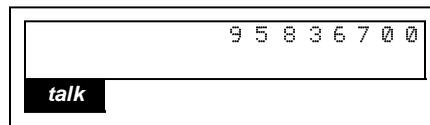
3.	Press **talk** to hang up.	

Answering Calls

CO Lines or [DNs]

➤ Press the flashing [DN], **Line**, or **talk**.	The LED changes from flashing (incoming call rate) to steady.

Pooled Line Groups

1. Press the flashing **Pooled Line Grp** or **talk**.	The LED changes from the flashing (incoming call rate) to steady.

Transferred Calls

➤ Press **talk** ...or the flashing [DN].	You hear ringing tone. The handset continues to ring whether the DKT is set for Voice First or Tone Signaling. The [DN] or Line LED lights steady when you connect.

Recall/Override Busy Stations

Recalling

➤ Press **4** to set Automatic Call Back (ACB).

Overriding

➤ Press **2**	Busy Override is activated (use only if the called station is not equipped for OCA).
...or **3**.	Executive Override (system programmable option) is activated.

Calling the Attendant Console

There are three ways to call the Attendant Console depending upon system programming. You can call any Attendant Console, a particular Attendant Console, or all Attendant Consoles.

Any Console

➤ Press a [DN] + 0. The call rings the Attendant Console. Dial 0 calls rotate between the consoles if more than one console is installed.

Specific Console

➤ Press a [DN] + the console's [DN] _____.	The call rings the console **In-DN**.
	Note Your System Administrator can provide the Attendant Console [DNs].

Emergency Calls to All Consoles

➤ Press [DN] + #400. The call rings all consoles Emgr.

Using CO Line Access Codes

1. Press **talk** ...or a [DN].	You hear internal dial tone and the LED lights steady (with INT/PDN automatic off-hook selection programmed).
2. Enter a CO Line access code.	See "Access Codes" on Page 83. You hear CO Line dial tone and the LED continues to flash at the in-use rate.

<table>
<tr><td>3. Enter a telephone number.</td><td>Dial tone stops after entering the first digit.</td></tr>
</table>

```
                                    8 0 6 7 0 0
                              4 5 8 3 3 7 0 0
      talk
```
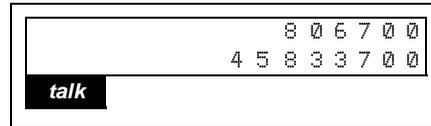
Important! *Do not enter the telephone number too quickly because it does not display and times out.*

Using ISDN Trunks

1. Access an outside CO line.

2. Enter a number.

3. Press **Start**.   The dialed digits are not sent until you press **Start** or the timer expires. See "ISDN Outgoing Calling" on Page 57 for more information on ISDN calls.

Transferring Calls

You can transfer calls to a idle or busy station, but you cannot transfer calls to a station that is in the DND mode.

Active Calls

Note   You cannot transfer calls to a station that is DND.

1.	Press **CNF/TRN**.	You hear dial tone and the Line or [DN] LED flashes at the conference rate.
2.	Enter the transfer-to [DN], Hunt Group [DN], or ACD group [DN].	You hear a single tone, unless the call was made with Tone First Signaling. Then, you hear ringing tone.
3.	Announce the call	The Line LED changes to steady red when the called station connects with the transferred call.
		If the called station does not answer, you receive a recall ring. Your station or [DN] must be idle to receive the recall.
	...or press **Line**, [DN] + **42** to reconnect to the transferred call before the called party answers or busy tone is received.	After you hang up, the Line LED begins an on-hold flash, or the [DN] LED goes out if you transferred the call from a [DN].
4.	Press **talk**.	The Line LED changes to steady when the called station connects with the transferred call.

Answering Transferred Call

➤ Press **talk** ...or the flashing [DN].	The [DN] or Line LED is steady when you connect to the call.

Transfer Calls to the Cordless

You can transfer an active call from the DKT to the cordless or vice versa by using **HOLD**. If the cordless is idle, the transfer takes place immediately.

1. While in conversation, press **Hold** on the DKT.	The Line LED flashes.
2. Press **talk** on the Cordless handset.	The CORDLESS LED lights steady. The DKT LEDs go out and its LCD displays "CORDLESS MODE."
3. Press **HOLD** on the Cordless handset.	
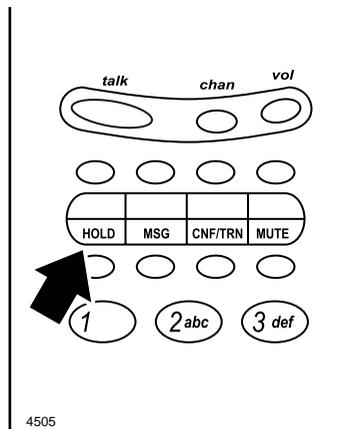
Transfer Calls to the DKT

1. Press **HOLD** on the cordless handset.

2. Pick up the DKT telephone and press the flashing Line LED.

Using Camp-on

1.	Press **CNF/TRN**.	You hear dial tone and the Line or [DN] LED flashes at the conference rate.
2.	Enter the destination [DN], Hunt Group number, or ACD group [DN].	You hear a single tone.
		Note If the call was made with Tone Signaling instead of Voice First Signaling, you hear ringing tone.
3.	When the [DN] answers, announce the call.	If the called station does not answer, you receive a recall ring (when your station or [DN] is idle). The ring is set by system programming.
4.	Press **talk**	The Line LED changes to steady when the called station connects with the transferred call.
	...or **Line**, [DN] + **42** to reconnect to the transferred line before the call is answered or busy tone is received.	The Line LED changes to steady red when the called station connects with the transferred call. After you hang up, the Line LED begins to flash at the on-hold rate or if you transferred the call from a [DN], the [DN] LED goes out. The CO Line or [DN] camps onto the called station and the called station receives a warning tone.
		You receive a recall ring when your station or [DN] is idle and camp-on is cancelled when the called station user fails to answer within a predetermined time. Repeat the procedure if necessary.

Conferencing Calls

Note As many as four stations can be conferenced on one [DN].

1.	Press **CNF/TRN**.	You hear dial tone and the [DN] or Line LED flashes green at the conference rate.
2.	Enter a [DN] ...or access a CO line and enter the number.	
3.	When the called party answers, press **CNF/TRN**.	All parties are conferenced. If the second call was placed on a [DN] or CO line that appears on your telephone, the LED also flashes at the in-use rate.
4.	Repeat the procedure to add other CO lines or [DNs].	Do not exceed the maximum number.

Add a Second Line

1.	Press **CNF/TRN**.	You hear dial tone. The [DN] or Line LED flashes at the conference rate if the call is on a [DN] or **Line**.
2.	Dial the next telephone number.	
3.	Press **CNF/TRN** after the party answers.	All parties are conferenced. You can add one more station to a two-line conference. **Note** If you receive a busy tone or the second station does not answer, return to the original connection by pressing the original [DN] or Line or by hanging up. If both lines appear on your telephone, both Line LEDs light steady if you used **Line**. If you established the two-line call on a single [DN], it lights steady.

Add a Station

1.	Press **CNF/TRN**.	You hear dial tone. The [DN] or Line LED flashes at the conference rate.
2.	Dial the [DN] of the station to be added.	If you receive a busy tone or no answer, press **CNF/TRN** to return to the original connection.
3.	Press **CNF/TRN** after the party answers.	All parties are conferenced. The [DN] or Line LED lights steady.
		Up to three stations (including your own) can conference with one line.
		The new station is not conferenced until you answer by lifting the handset or pressing a [DN].

Features

5

This chapter is alphabetical list of features that work with your cordless telephone. It has many of the same features as a 2000-series digital telephone. In addition to **MSG**, **HOLD**, **CONF/TRN**, and **MUTE**, you have four additional "flexible" buttons for features such as:

♦ Account Code

♦ Auto Call Back (ACB)

♦ Call Forward (CF) (all modes)

♦ Do Not Disturb (DND)

♦ Message Waiting (MW)

♦ Park in Orbit and Park and Page

♦ Speed Dial (SD)

♦ Privacy on Line and Release

The four flexible buttons perform the same way as the first four buttons on your 2000-series digital telephone. They are assigned during system installation. See your System Administrator for the features that have been assigned. If you are not using these buttons for the assigned features, you can invoke the features with access codes.

Please see "Access Codes" on Page 83 for access code sequences that match your Toshiba telephone system. Also see the *Digital Telephone User Guide* for more information.

Important! *There are some feature operation differences and limitations from the previous cordless telephone version, DKT2004-CT, that are described under the affected feature.*

Account Codes

Account Codes are entered before or after a call. Some of the applications include billing, tracking, and line restriction. They are recorded by the system and printed along with call details on a Station Message Detail Recording (SMDR) report.

Forced Account Codes

Note You can be required to enter a Forced Account Code before dialing a telephone number.

1. Access a line.	You hear dial tone after accessing a line. If you dialed with LCR, you do not hear dial tone. See "Access Codes" on Page 83.
2. Enter the Forced Account Code.	Dial tone stops after you dial the first digit, but resumes after you press the last digit of a valid Account Code. If you dial an invalid code, you hear busy tone. If you dial with LCR, you do not hear dial tone.
3. Enter the telephone number.	Any digits that you dialed after entering the code in Step 2 are treated as part of a telephone number.

Emergency Override of Forced Account Codes

You can bypass Forced Account Codes with three emergency numbers including 911. See your System Administrator for these numbers.

Voluntary Account Codes

Voluntary Account Codes are optional and can be entered after accessing a CO Line or during a call that you originated or received. The outside party will not hear any tones as you enter the code.

Codes that change the Toll Restriction classification of your station are set in system programming. See your System Administrator for more information. If your station is programmed not to verify Account Codes, you do not hear a confirmation tone.

1.	Press **Account Code**	Your conversation is not interrupted.
		Note Some systems require that you enter the Account Code before dialing a telephone number. In this case, if a valid Account Code is not entered, dialing external calls is restricted.
	...or **✱** + **50**.	
2.	Enter the Account Code.	You hear confirmation tone (one-half second duration) if the code is valid. If the code is invalid, you hear two short tones.
		Note Voluntary Account Codes must be entered before the call is disconnected.
3.	Repeat Steps 1 and 2 to enter another Account Code (the last code entered is recorded).	Any digits dialed after the code has been entered are treated as part of the outside telephone number.

Verified Account Codes

If the system is set for Verified Account Codes, you must enter specific codes when entering Forced or Voluntary Account Codes. Verified Account Codes are established in system programming or by designated stations.

Alarm Reset

This feature is not supported by the DKT2104-CT. It must be assigned to your DKT.

Alert Signaling

This feature is not supported by the DKT2104-CT. It must be assigned to your DKT.

Automatic Busy Redial

This feature is not supported by the DKT2104-CT. It must be assigned to your DKT.

Automatic Callback

After reaching a busy or DND station, you can set ACB to have the system call you back when the called station becomes available. You can make other calls while waiting for the called station to become available.

Set Callback

1. Press **Auto Callback** ...or press **4**.	Busy tone stops momentarily, then you hear two seconds of dial tone, then busy tone resumes.

Answer a Callback

1. Press **talk**.	The LED flashes at the incoming call rate.

2. Answer within three rings to prevent the callback from being canceled.

Your telephone rings at a fast rate when the called station becomes idle, and you hear a single tone (LED lights steady).

The called station gets a voice announcement from your telephone. With Tone Signaling, you hear ringback tone and the called station rings.

If you get a busy tone after answering the callback, the called party has already received or originated another call. Your request is not cancelled.

Line Queuing

Automatic Callback enables a waiting queue for an available line after attempting access to a line group when all lines are busy. The system calls you back when the line becomes available.

Set Line Queuing

1. Press **Auto Callback**

The busy tone stops momentarily, then you hear two seconds of dial tone, then busy tone resumes.

... or press **4**.

You can make other calls while waiting for a line to become available.

Answer a Queued Line

1. When the [DN] LED flashes at the incoming call rate, and your telephone rings at a fast rate, press **talk**.

Note You must answer within three rings to prevent the callback from being cancelled.

2. Press the flashing [DN].

> You hear CO dial tone. If you hear a busy tone, the line has received another call. Your request is not cancelled.

> You are recalled when the line becomes available. The Line or [DN] LED lights steady.

Cancel Auto Callback and Line Queuing

➤ Press a [DN] + **#43** + **talk**.

Auto Redial

This feature enables you to automatically redial the last number (outside or [DN]) called by pressing **Redial**. **Redial** must be programmed as one of the four flexible buttons on the telephone.

1. Press an available [DN] or **Line**.	Make sure that you press the same [DN] or **Line** that you used to dial the telephone number that you wish to redial. You hear dial tone.
2. Press **Redial**.	The last telephone number you dialed is automatically redialed.

Call Forward

You can set your handset [DN] with a variety of CF modes. CF must be set before the call is received. When it is set, the following types of calls are forwarded.

♦ External calls, but not lines that ring more than one station, except CF-External.

♦ Transferred line calls.

♦ Internal calls, except Handsfree, OCA, and CF-External.

Note CF has priority over the Station Hunt feature.

When you forward calls to another station, the CF type and the from/to stations display on your LCD.

Note CF–All Calls, CF–No Answer, and CF–Busy can only be activated when Speed Dial is assigned to one of the flexible buttons or deleted from all buttons (use ✳). See "Access Codes" on Page 83.

Call Forward–All Calls

If your station is idle or busy and has this feature activated, all calls are forwarded immediately. The station does not ring.

1. Press a [PDN] or [PhDN] + **#601**.	You hear a confirmation tone.
	Note [PhDNs] can only be forwarded by using the dial codes.
2. Enter the [DN] to which calls are forwarded.	
3. Press **talk**.	

Call Forward–Busy

Calls to your handset while you are busy on another call or in the DND mode forward immediately if this feature is set. If your handset is idle, incoming calls ring normally.

1. Press a [PDN] or [PhDN] + **#602**.	You hear confirmation tone.
2. Enter the [DN] of the forwarded to station.	**Note** [PhDNs] can only be forwarded using dial codes.
	The Call Frwd Busy LED lights steady and calls are forwarded to the stored station number.

```
C F = B    N N N
M M M
```

3. Press **talk**.
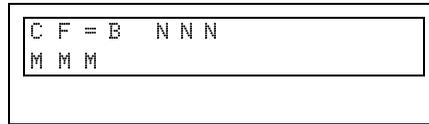
Call Forward–No Answer

All calls to your station when set with this feature are forwarded to a selected station if you do not answer within a designated time.

Note   Your station can be assigned in system programming to override CF–No Answer when receiving Voice First (handsfree) calls. Callers can activate CF–No Answer by dialing **1** during their voice announcement.

➤ **To set CF–No Answer**

1.	Press a [PDN] + **#603**.	You hear confirmation tone.
2.	Enter the forwarded to [DN].	
3.	Press **Speed Dial** ...or *****.	
4.	Enter the time at which the calls are to be forwarded (08~60 seconds).	You can omit this step if you do not want to change the default time.
5.	Press **talk**.	

```
C F – N A    N N N
M M M
```
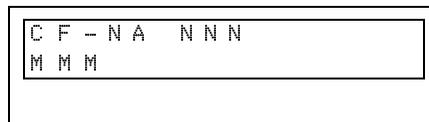
Call Forward–Busy/No Answer

All calls to your station set with this feature are forwarded immediately to a selected station whenever you are busy on another call or in DND. Calls also forward if you do not answer within a designated time.

Note Your station can be assigned in system programming to override CF–No Answer/Busy when receiving Voice First (handsfree) calls. Callers can activate CF–Busy/No Answer by pressing **1** during the voice announcement.

1. Press the [PDN] or [PhDN] to be forwarded + **#604**.	You hear a confirmation tone.
2. Enter the forwarded to [DN].	
3. Press **Speed Dial** ...or **∗**.	
4. Enter the time at which the calls are to be forwarded (08~60 seconds).	You can omit this step if you do not want to change the default time.
5. Press **talk**.	

```
CF-BNA  NNN
MMM
```

Call Forward–Cancel

➤ Press the applicable **Call Forward** so that its associated LED turns Off

...or [PDN] + **#601**

...or **talk**.

Important! *Does not apply to CF–External.*

Call Forward–External

This feature enables the forwarding of calls to your [PDN] to a destination outside of the system. The CF–External destination can be a number over a CO Line, over a Tie line, or within your Strata DK system. Any of the CF modes can be set for your [PDNs] or [PhDNs] simultaneously.

[PhDNs] assigned to your handset and internal or transferred calls to your [PDN] do not CF to external destinations. Only incoming calls over CO Lines dedicated to your [PDN] and/or Direct In Dial (DID) line calls are forwarded.

When forwarding to an outside destination, include the CO Line (or CO Line Group) access code before the telephone number. See Table 6 on Page 86 for the CO Line/ Line Group access codes. The LCR access code "9" cannot be used.

Important!

- Only perform the following procedure the first time CF–External is set or when you change the destination. It is not necessary to store the destination each time you set CF–External; it remains in system memory.

- This feature stores the calls to Station Speed Dial Code 49. Use the Speed Dial storage procedures detailed in this chapter.

Set CF–External
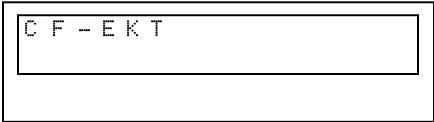
1. Press the [PDN] + **#670** + **talk**.	You hear confirmation tone.
2. Enter the [DN] to which calls are forwarded.	
3. Press **talk**.	C F – E K T

Cancel CF–External

1. Press the [PDN] + **#670** + **talk**.	You hear confirmation tone.
2. Enter the [DN] to which calls are forwarded.	
3. Press **talk**.	

Call Forward–Fixed

This feature is not supported by the DKT2104-CT. It must be assigned to your DKT.

Call Park Orbits (Release 3 or Later)

The Call Park Orbit feature holds a call temporarily in an orbit for anyone to retrieve. You can retrieve from the same or a different station. There are 20 General Park Orbits for the system and 1 Personal Park Orbit for each station. Once you have parked a call in an orbit, you can:

♦ Hang up and retrieve the parked call at a later time.

♦ Originate another call.

♦ Access a voice paging device to announce the parked call for pickup from another station.

If you park a call and your station is idle while the system Call Park recall timer expires, the parked call automatically recalls to your station. If your station is busy, the parked call camps onto your station.

1. Press **CNF/TRN** + **#332**.	The Line or [DN] LED flashes at the consultation-hold rate until you enter the orbit number.
2. Enter a General Orbit number (**900~919**)	After dialing the orbit number, you hear a short dial tone and the call is parked. The Line LED flashes at the Hold rate, or the [DN] LED goes out.

	...or valid [PDN].	
3.	Press **talk**.	

Retrieving Parked Calls

1.	Press the parked line	The Line LED flashes at an on-hold rate (the [DN] LED is off).
	...or [DN]	
	...or [DN] + **#332**.	
2.	Enter the orbit number or the [PDN] where the call is parked.	The orbit number is usually provided in the paging announcement. The Line or [DN] LED lights steady when the call is picked up.

Call Park and Page

1.	Press **CNF/TRN** + **#331**.	The Line or [DN] LED flashes at the consultation-hold rate.
2.	Enter a General Orbit number (**900~919**) or a valid [DN].	The Line LED flashes at an on-hold rate (the [DN] LED is off). You hear a short dial tone for your paging access.
3.	Enter the Paging access code_____.	See "Access Codes" on Page 83.
4.	Make your announcement and remember to include the orbit number.	
5.	Press **talk**.	The paging device is released when you hang up.

Call Pickup

You can pick up a call that is ringing another station, a call placed on hold at another station, and other types of calls.

Directed Call Pickup

Directed Call Pickup provides you with several ways to pick up ringing calls or held calls at other stations. You can also pick up a telephone group page and an external page with Directed Call Pickup.

1. Press a [DN] + **#5**.	
2. Dial one of the pickup codes.	See "Access Codes" on Page 83.

CO Line Pickup

➤ Press a [DN] + **#59**.

Group Pickup

Stations are assigned to pick up groups. As many as 20 groups can be created to pick up internal or external calls that are ringing in your group or in other groups. See your System Administrator for group assignments.

Call Ringing in Your Group

➤ Press a [DN] + **#5#34**.

Call Ringing in Another Group

1. Press a [DN].	You hear dial tone.
2. Enter **#5** + access code (**#320**~**#339**).	You are connected to the call. If the called station belongs to more than one group, any of the Group Pickup codes associated with those groups picks up the call.

Call Waiting

Call Waiting places an incoming call in queue and alerts you with a warning tone. The [DN] or Line LED flashes at the on-hold rate.

1. If you are talking, press **HOLD**	
...or the flashing [DN]	The call you are on is placed on hold and you are connected to the waiting call. The [DN] or Line LED lights steady.
or **Line** if your telephone has the Auto Hold feature	See your System Administrator to find out if you have Auto Hold.
...or the ringing [DN] or **Line**	This disconnects the current call and then connects you to the transferred call. The [DN] or Line LED remains steady.
...or **talk**.	The existing call is disconnected. The camped-on line rings your telephone and the Line LED flashes at the incoming call rate.
2. Press a [DN], then **Line**	
...or **talk** again.	

Direct Station Selection Buttons (Hotline)

This optional feature connects you directly to another station [PDN] by pressing a Direct Station Selection (DSS) button. If connected to a CO Line, press **DSS** to put the outside party on hold. Transfer the call, as you would normally, by voice announcing, camping on, hanging up, by pressing **Release and Ans**.

If the station's [PDN], [SDN], [PhDN], or CO Line DSS LED is lit, it could be busy or in DND mode. If a station is idle but other stations are using all of its [PDNs], the DSS button also is lit.

Do Not Disturb

If your station is in Do Not Disturb (DND) mode, internal and external calls do not ring, calls cannot be transferred to it, and Off-hook Call Announce (OCA) calls are denied. You can continue to make calls while in the DND mode.

➤ Press **Do Not Disturb**.	The LED lights steady in DND mode. **Notes** • Pressing **Do Not Disturb** while a call is ringing at your station silences the ringing. • Calls forward from your station if it is set for CF–Busy or CF–Busy/No Answer while in the DND mode. • Some stations can be programmed to override your DND mode.
...or **Do Not Disturb** again to toggle off.	

Door Unlock

➤ Press one of **Unlock Door 0~4**.	The door unlocks for three or six seconds after you press the button, depending on system programming. The Unlock Door LED turns on for the amount of time the door is unlocked.

Door Telephone

Door telephones are used by digital and electronic telephones to monitor the area surrounding the door telephone. They are also used to call internal stations and can be picked up by internal stations, other than yours.

Answering Calls at Your Station

1. If the door telephone is ringing and assigned to your [DN], press **talk**.	You are connected to the door telephone and your [DN] LED lights steady.
2. Input the door telephone [DN] if not connected yet.	
3. Hang up when the call is completed.	

Answering Calls at Other Stations

➤ Press a [DN] + **#5#30**.	You hear a distinctive ringing tone. Your telephone rings five times or only once, depending on system programming.

Monitoring Door Telephones

1. Press a [DN].	You hear dial tone and the LED lights steady.
2. Enter the door location [DN].	
3. Press **talk** when the call is completed or when you are finished monitoring.	

Calls on Hold

Calls on hold can be released automatically if the held party hangs up and the network provides a hold-release signal.

Important! *The DKT2104-CT does not support Exclusive Hold.*

Placing Line Appearances or [DN] Calls on Hold

➤ Press **HOLD**.	The Line or [DN] LED flashes green at the on-hold rate.
	You hear recall tone when your station is idle (or two times only when busy) if you do not retrieve the held call before "Hold the recall" time set in system programming expires.

Placing Handsfree Answerback Calls on Hold

1. Press **talk** or the flashing [DN] to answer the call.	You are connected to the incoming call.
2. Press **HOLD**.	The Line or [DN] LED flashes green at the on-hold rate.
	You hear recall tone when your station is idle (or two times only when busy) if you do not retrieve the held call before "Hold the recall" time set in system programming expires.

Retrieving Held Calls

➤ Press **Line** or the [DN] that is on hold.	The Line or [DN] LED flashes at the on-hold rate.

	``
	H O L D
	N O . 6 7 5 3
	`` *talk*
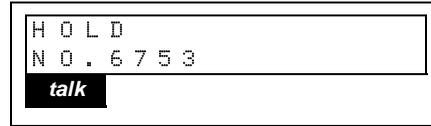
Using Automatic Hold

Automatic Hold enables you to place a call on hold by pressing another **Line** or [DN]. You do not have to press **HOLD**. You can also switch between a new and the original call without having to press **HOLD**. Automatic Hold is assigned on a station-by-station basis in system programming.

➤ Press another **Line** or [DN] to receive or originate a new call, while on one call.	The original Line or [DN] LED flashes at the on-hold rate and the original call is placed on hold. The LED of the new call lights steady and the new line is accessed.

Switching Between Calls

➤ Press **Line** or [DN] of the held call.	The Line or [DN] LED just placed on hold flashes at the on-hold rate, and the LED of the Line just accessed lights steady.

ISDN Outgoing Calling

This feature enables calling over Integrated Services Digital Network (ISDN) trunks, provided that you are connected to a Strata DK424i, or DK424 system with Release 4.0 software (or higher), and that you subscribe to ISDN lines. ISDN trunks offer faster call connection setup and more connection circuits.

An ISDN call is initiated automatically with a timer or with a start sequence. The method depends on your system's programming. See your System Administrator to determine the method.

1. Access an outside CO line	
2. Dial the number.	
3. Press **Start**.	The dialed digits are not sent until you press this button or until the timer expires.

Subaddress

Subaddress digits can be required for dialing another department or sending a call to a printer.

1. Access an outside CO line.	
2. Enter the number.	
3. Press **Sub**.	**Sub** informs the system that the digits following are the subaddress.
4. Enter the subaddress.	
5. Press **Start**.	The dialed digits are not sent until you press this button or until the timer expires.

LCD Name/Number Display

You can display your title, name, telephone number, and location on your handset LCD while the handset is idle, during direct, forwarded, and hunted calls. When you call another station or when another station calls you, this information also displays on the calling station's LCD.

Note   On override, OCA calls, or if your handset has Message and Call Forward settings, your title does not display.

1. Press **talk** + **#621**.	Current information displays.
2. Press **talk**.	

```
┌─────────────────────┐
│ T O S H I B A       │
│ E X T . 2 0 0       │
└─────────────────────┘
```
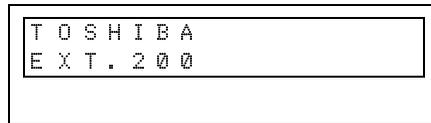
Clear the Displayed Name/Number

1. Press **talk** + **#620**.	You hear a confirmation tone, then a busy tone.
2. Press **talk**.	
3. Press a [DN] + **#621**.	The name re-displays after it is cleared.

Messaging

You can set up a message to appear on a calling station's LCD, using this feature.

Create LCD Messages

1. Press a [PDN] + **#621**.	
2. Enter a message number.	Personal messages are 10~19 and system messages are 60~99.
3. Press **talk**.	The LCD Msg Select LED lights continuously, and the selected message is set.

Cancel LCD Messages

➤ Press a [PDN] + **#621**	The LED lights.
...or press **talk**.	The LED goes out.

Message Waiting

If you call a busy [DN] or there is no answer, you can leave a Message Waiting (MW) indication by pressing **MSG**. The Msg LED at the called station flashes. The user can call you back by pushing the **Msg** or MW button with the flashing LED.

Each MW button can accept up to four messages at each [DN] or [PhDN] at one time. One for each [DN] is reserved for the message center set in system programming.

Answer Messages Waiting

1.	Press **MSG**.	Your telephone rings the station or voice mail device that set the indication. If there is no answer, the LCD continues to display MSG.
2.	Press **talk** after receiving the message to terminate the call.	Voice mail devices cancel the indication after a short delay.
3.	Repeat Steps 1 and 2 to retrieve additional messages.	The MSG LCD displays if you have more messages.

The called party must answer by going off-hook or by pressing **Spkr** to cancel the indication automatically.

Cancel Messages Waiting

➤	Press **MSG**	The MSG LCD turns off when the called party answers.
	...or **talk** + **#409**.	The MSG LCD turns off and the message is canceled without calling the telephone or VM device that left a message.

Set a [DN]/[PhDN] Message Waiting Light

1.	Press a [DN] and dial a [PDN] or [PhDN].	You hear ringback or busy tone.
2.	Press **MSG**	The Msg LED associated with the dialed number flashes. The MSG LED lights steady on your handset.
		♦ If you dialed a [PDN], the Msg LED flashes.
		♦ If you dialed a [PhDN] and that station has a Msg button specifically associated with the [PhDN], then the [PhDN/MW] LED flashes. If the called station does not have a [PhDN/MW] button, then dial the [PDN] to leave a message.
	...or **7**.	
3.	Press **talk**.	The Msg LED continues to flash at the called telephone, until the called party retrieves the message by pressing the flashing (fixed) **Msg** or the [PhDN/ MW]. After setting an MW indication on another telephone, the Msg LED turns off at your station after you press **talk**.

Cancel a Called Station Message Waiting Light

1.	Call the station on which you left the indication.	
2.	Press **MSG** twice	MW light turns off.
	...or **7** twice.	

[PhDN/MW] Message Waiting

To use this feature, your telephone must be programmed for both [PhDNs] and MW. Your telephone has one built-in **MSG** that works with your [PDN].

1. Press the [PhDN/MW] indicated by the flashing red LED	Your telephone rings the station or voice mail device that left the message. The LED on your telephone continues to flash.
...or **talk**. If there is no answer, hang up and try at a later time.	
2. Press **talk** after receiving the message.	If you have more than one MW indication from different sources, the red LED continues to flash, after you answer the first message.
3. Repeat Steps 1 and 2 to answer the next messages.	

Cancel the Message Waiting Light

1. Press the [PhDN] associated with the flashing.	You hear a steady dial tone and the [PhDN] LED lights steady.
2. Enter **#409**.	The dial tone stops.
3. Press **talk**.	The flashing MSG LCD stops and the message is canceled.

Off-hook Call Announce (OCA)

This feature enables you to call and speak through either the handset or the speaker of an off-hook, busy digital telephone. There are two kinds of OCA:

♦ Handset Off-hook Call Announce (HS-OCA) – enables an announcement to be made through the handset. No special hardware is required.

♦ Speaker Off-hook Call Announce (SP-OCA)

Activating Off-hook Announce (OCA)

If your system programming is set for automatic OCA, you are connected as an OCA call immediately; otherwise, when you hear busy tone, you must press **2**.

If your system is set for Tone Signaling, you hear ringback tone and must press **1** to OCA. If you hear busy tone after pressing **1**, press **2** to activate OCA. If you hear busy tone, press **2** (you hear ringback tone, then press **1** to OCA).

Handset Calling Using Voice First Signaling

1. Press **talk**.	You hear a single tone and are be able to talk to the station if your station is programmed for automatic HS-OCA operation.
2. Call the desired station.	
3. Speak to the called party if you hear silence ...or press **2** if you hear busy tone.	**Note** Your station must be programmed to override DND to OCA a DND station.

4. Press **2** to speak to
    the called station if
    your station is not
    programmed for
    automatic HS-OCA
    operation and if you
    hear DND busy tone.

Handset Calling Using Tone Signaling

1. Press **talk** and call
    the desired station.

2. Press **21** or **12** to
    speak to the called
    station.

    If you receive busy tone after pressing **21**, the called
    station is either busy on a speakerphone call or does
    not have the OCA option set in system programming.
    Either condition blocks OCA.

3. Press **2** if you receive
    busy tone. Then press
    1 to OCA

    You hear ring tone.

    ...or if you receive
    ring tone, press **1** to
    OCA (you could hear
    busy tone), then press
    2 to OCA.

Speaker OCA Using Voice First Signaling

Note   The called telephone must be equipped with optional hardware.

1.	Press **talk** and call the desired station.	You hear a single tone and can to talk to the station if your station is programmed for automatic SP-OCA operation.
2.	Speak to the called party	
	...or press **2** (if a busy tone is heard or your station is not programmed for automatic SP-OCA operation, you must press **2** to speak to the called station).	

Speaker OCA Using Tone Signaling

1.	Press **talk** and call the desired station.	
2.	If you receive busy or ring tone, press **21**.	If you receive busy tone after pressing **21**, the called telephone is either busy on a speakerphone call or does not have the OCA option set in system programming.
3.	Speak to the called station.	

Override Calls

Busy Override enables you to send a muted ring tone to a busy station to indicate that a call is waiting and DND Override lets you send a tone to an idle or busy station in the DND mode to indicate that a call is coming in. You can enter an established conversation with Executive Override.

Busy Override

➤ Press **2** after reaching a busy station	A tone is heard at the busy station, indicating that a call is waiting.
	For Off-hook Call Announce activation, see "Off-hook Call Announce (OCA)" on Page 63.
...or **21**.	If your station has Automatic OCA and the called station can receive OCA, you do not receive a busy tone. You can talk to the called party after dialing the station number.

DND Override

➤ Press **2** after reaching a DND station.	A tone signal is heard at the DND station indicating that a call is coming in.

Your station must be enabled in system programming to send a DND Override signal. Also, a telephone can be enabled in system programming to block DND Override from all other telephones.

Note Privacy Override is blocked by DND. However, OCA is possible to DND stations from stations that are allowed DND override.

Executive Override

➤ After reaching a busy station, press **3**. Enter the conversation.	An optional tone signal may be heard by the called parties prior to your entering the conversation.

Page Announcements

Station users can make page announcements to telephones and external speakers.

1.	Press a [DN], and enter a paging access code.	See "Access Codes" on Page 83.
2.	Use a a normal voice level to make your announcement, then repeat it.	Each of the page access codes (including the [PDN] button) can be stored on an **SD** button.
3.	Press **talk**.	

Privacy On-Line

This option blocks a Privacy Override station from entering your conversation by pressing a common **Line**. Your station must be assigned with **Privacy On-Line** in system programming. The feature does not block Busy Override or Executive Override. Refer to Busy and Executive Override that are described earlier in this guide.

➤	Press **3** to make all of your lines private.	The LED lights steady and station users cannot enter line calls on your station by using Privacy Override.

Privacy Override

This optional feature enables you to enter a conversation on a private common **Line**. Up to two stations can enter an existing line-to-station call (up to three stations can be connected to a line). Your station must be assigned with Privacy Override in system programming or the station that is already connected to the line must be in the Privacy Release mode.

Important! *Privacy Override only operates on common lines; it does not operate on common* [DNs] *that are always private. See "Conference Calls" that enables up to four parties to talk on one* [DN].

➤ Press a busy **Line**.	The LED turns off and station users can enter line calls on your station by using Privacy Override.
	You are connected to the line and can participate in the conversation.

Connected parties can hear an optional tone before you enter the conversation.

Note Station users with **Privacy Release** can enable stations to enter their conversations on common lines, even if the station entering the conversation is not programmed for Privacy Override.

Privacy Release

If you press the optional **Privacy Release**, any other station user can enter your call on a private commonline by pressing **Line** on their telephone. Your station must be assigned Privacy Release in system programming to activate this feature. Up to two stations can enter an existing external call (up to three stations can be connected to a line).

Note Privacy Release only applies to calls on common lines; calls on common (multi-appearing) [DNs] are always private and cannot be accessed by more than one telephone, even if other telephones share a common [DN].

➤ Press **Privacy Release** while on a line call.	The Privacy Release LED lights steady and the line flashes at all appearances. Station users should be able to enter your calls by pressing a common **Line** button. Only one station can enter each time **Privacy Release** is pressed.
	You must be on a line call to activate this feature. The Privacy Release LED turns off when another station has entered your external call.

➤ **To deactivate Privacy Release**

➤ Press **Privacy Release** again.	The Privacy Release LED turns off and station users without Privacy Override cannot enter your calls by pressing a common line. If you do not deactivate Privacy Release while on the call, it turns off when you hang up. Private lines deny station users access to busy common lines.

Release and Answer

This feature enables you to automatically disconnect or transfer an active call and answer a new call with the push of a button, instead of with the handset.

Note Your telephone must be programmed with **Release and Ans**.

➤ Press the **Release and Ans**	The Line or [DN] LED flashes to indicate a new incoming call while you are connected to the existing call. You hear a muted, Busy Override or Camp-on-busy tone. The original call is released and you can answer the new call.
...or **CNF/TRN** and dial a "transfer-to" destination. Then, press **Release and Ans**	This transfers the original call and answers the new call.
...or **DSS** of a "transfer-to" destination, then press **Release and Ans**.	This transfers the original call and answers the new call.

Speed Dial

SD enables you to call a telephone number with an access code or feature button. Strata DK provides these types:

♦ Station SD numbers are assigned by individual station users to their own station and can only be dialed at their station.

♦ System SD numbers can only be assigned from attendant consoles or station 200 (typically the System Administrator's station), but they can be used by other stations.

Your station times out to the idle mode if the following storage procedures are not completed within one or three minutes. The time is set in system programming.

Storing Station Speed Dial Numbers

You can store personal telephone numbers on Station SD buttons or in an access code sequence.

Notes

• SD number storage requires **Redial** and **Speed Dial** to be programmed as flexible buttons on the handset.

• Redial functions only work if assigned to one of the four function buttons on the cordless or **Speed Dial** is deleted from all buttons (use ✱).

1. Press **Redial**.	
2. Press **SD** and store the telephone number to that button.	**SD**s are assigned in system programming.
...or **Speed Dial** and enter the code that you want to store the telephone number on.	Station SD access codes are 10~49.

3. Enter the telephone number (up to 20 digits).	
4. Store a [DN] and a CO Line access code before the telephone number.	See "Access Codes" on Page 83.
5. Press **Redial**.	The number is stored.
6. Repeat Steps 1~5 to replace stored telephone numbers with new ones ...or clear entries by repeating Steps 1~6, skipping Step 4.	

Stored Station or System Speed Dial Calling

You can call stored SD numbers by pressing a button or by entering a SD code. To store SD numbers, see the previous instructions. **Speed Dial** and **SD**s are assigned to stations in system programming.

➤ **To call using SD**

1. Access a line.	See "Access Codes" on Page 83 for information on CO Line buttons and access codes.
2. Press **SD**.	You are connected.

➤ **To call using SD access codes**

1.	Access a line.	See "Access Codes" on Page 83 for information on CO Line access codes.
2.	Press **Speed Dial**	**Note** SD cannot appear on any button position if the port that the cordless is connected to uses ✱ as an access code.
	...or ✱ if your telephone does not have **Speed Dial**.	
3.	Enter the SD code.	Station SD codes are **10**~**49**; System SD codes are **600**~**699** or **60**~**99** (see Appendix on Page 83 for additional SD codes). The system automatically dials the number assigned to the code.

Timed Reminders

You can set five separate reminders at your station. Your telephone sends a distinct beep at the exact minute and hour you set for any of these reminders, one time or daily.

Note This feature requires **Redial** or a flexible button.

1.	Press a [DN] + **#605**~**#609**.

2. Enter the desired time by entering:

    ♦ Two digits for the hour (HH)

    ♦ Two digits for the minute (MM). Example for 8:03 PM, enter 20 and then 03.

Desktop displays:

```
B A C K   A T   2 P M - C A L L
M E E T I N G   F O R   3 P M
```

Cordless displays:

```
B A C K   A T   2 P M   C A L L
```

3. Press **0**

    ...or **1**.

4. Enter the LCD message number, station number (**10**~**49**), and system code (**60**~**99**)

    ...or **00**.

5. Press **Redial**.

This is an everyday reminder.

This is an only one-time reminder.

The first 16 characters only display when the timed reminder calls back.

The time is recorded in memory and a burst of dial tone is received to confirm successful entry.

Example:

```
                              #
6 0 5 H H M M 1 6 2
```

Sets a message for 11:03 AM delivery; sends Message #62 once.

➤ **To cancel a Timed Reminder**

1. Press a [DN], enter **#605**~**#609** depending on which reminder you want to cancel.	Dial **#605** to cancel the reminder set for **#605** or dial **#606** to cancel the reminder set for **#606**, etc.
	Note You can only cancel one reminder at a time.
2. Press **Redial**.	The reminder is cancelled.

Toll Restriction Override

Stations can be individually restricted from making toll calls by specific area and office codes, for long distance information, or international calls and/or operator-assisted calls. You can override Toll Restriction at selected stations or change a station's Toll Restriction class.

1. Press **Line** or [DN].	You hear dial tone, and the Line LED flashes steady.
	See "Access Codes" on Page 83 for Line Access Codes or ask your System Administrator for the proper code to be used for this type of call.
2. Press **CNF/TRN** + **#47**.	You no longer hear dial tone.
3. Enter the four-digit Toll Restriction Override Code.	You hear dial tone. For security reasons, the override codes are only available on a selected basis. See your System Administrator.
4. Input a telephone number.	The station resumes its normal class at the conclusion of the call.

Two (Tandem) Line Connection

This feature enables you to connect two lines using a [DN] or **Line**, then drop out of the conversation.

1.	Press **CNF/TRN** while talking to an external party.	You hear dial tone, the [DN] LED flashes at the conference rate.
2.	Dial a line access code and then the external telephone number of the other party.	See "Access Codes" on Page 83. Ask your System Administrator for the proper code to be used for this type of call.
3.	Press **CNF/TRN** after the party answers.	The [DN] LED lights steady and all parties are conferenced.
4.	If you get a busy or no answer, press [DN] + **CNF/TRN**.	You are returned to the original call. You hear dial tone and the [DN] LED flashes at the exclusive-hold rate.
5.	Press **CNF/TRN** and hang-up.	The [DN] LED continues to flash at the exclusive-hold rate and the two lines are connected. The LED turns off when the external parties hang up.
6.	Press **talk**.	If the public telephone company provides auto disconnect, the connection may release automatically when the parties hang up. If not, the lines must be supervised to be disconnected.

Note Both **Lines** or **Pooled Line Grps** must appear on your telephone.

1.	Press **CNF/TRN**.	You hear dial tone, and the Line LED flashes at the conference rate. The new Line LED lights steady.
2.	Press another **Line** and input a telephone number.	The Line LEDs light steady and all parties are conferenced.
3.	Press **CNF/TRN** after the party answers.	
	...or if you get a busy/ no answer, press **Line**.	You are returned to the original call.
4.	Press **CNF/TRN**.	You hear dial tone. The Line LEDs flashes at the exclusive hold rate and the LED lights steady. Both Line LEDs continue to flash at the exclusive hold rate and the two lines are connected. The LED turns off.
5.	Press **talk**.	If the public telephone company provides auto disconnect, the connection may release automatically when the parties hang up. If not, the lines must be supervised to be disconnected.

➤ **To supervise a tandem call and release it**

1.	Press [DN] or **Line**.	You are connected to both lines and both Line LEDs light steady.
2.	Press **talk** if the parties have hung up	Both Line LEDs turn off and the connection is released.
	...or **CNF/TRN** and hang-up if the parties are still talking.	

Features
Two (Tandem) Line Connection

Appendix

This appendix covers these topics:

♦ Troubleshooting

♦ Range and performance

♦ Simultaneous conversation channels

♦ Radio interference

♦ Specifications

♦ Access codes

Troubleshooting

If your cordless telephone is not performing to your expectations, try the suggestions in Table 3. If you are still unable to resolve the problem, contact your telephone system administrator.

Important!   *Do not attempt to service this unit yourself. All service must be done by qualified service personnel.*

Table 3   Troubleshooting Suggestions

Condition	Suggestion
CHARGE LED does not light when handset is placed on Base Unit.	Make sure the AC adapter is plugged into the Charger Unit and wall outlet. If the AC adapter is plugged into a wall outlet with a switch, make sure the switch is turned on. Make sure the handset is properly seated in the Charger Unit. Make sure the Sealed Lead-acid battery is properly seated in the handset. Make sure that the charging contacts on the handset and Charger Unit are clean.
Conversation is interrupted frequently.	Make sure that the Base Unit antenna is fully vertical. Move closer to the Base Unit.
Echo during conversation.	Depending on the environment from which you are calling, such as a noisy area, a caller using a DKT may experience echo if the volume control of the handset is set at 10 or higher. You can lower the volume using ▼ or contact your authorized dealer for handset software upgrade.
No dial tone.	Move closer to the Base Unit.
Cannot configure the handset.	Check all telephone cables and lines for good connections. Make sure the AC adapter is plugged into the Base Unit and wall outlet.
Handset does not ring.	The Sealed Lead-acid battery could be weak. Charge the battery for 8-10 hours. Check the ringer - it could be turned off. Make sure the Base Unit antenna is fully vertical. Move closer to the Base Unit.
Tone noise.	Move the handset to the right of the DKT.
Other.	Contact your System Administrator.

Range and Performance

The cordless digital telephone operates up to 1.1 miles from its base in a completely unrestricted test environment. Typically, ranges of 300 to 400 feet are possible, depending on the building structure in which the it's used. For optimum range and performance from your handset, try the following:

♦ Place the Base Units at least three to six feet away from the DKT; three feet from metal structures; and six feet from computers, fax machines or other electronic equipment.

♦ Use an AC outlet not associated with computer or electromagnetic equipment.

♦ Wherever possible, put the Base Unit in the middle of the coverage area.

♦ Mount the Base Unit high in the room for maximum range.

♦ Put 3 or less handsets 12 feet apart.

♦ Put 4 to 10 cordless telephones 20 feet apart.

Simultaneous Conversation Channels

The cordless handset has 30 operating channels available. A common misconception is that this limits a customer to 30 handsets. This is not the case. Each handset can operate on any of the 30 channels because each one selects an available channel within its range. In a given range, 30 simultaneous calls can be made.

Another factor is the distribution of the telephones in a facility. If your handsets are disbursed throughout a facility, there should not be contention for all channels. If there are more than 30 in one area and 30 users are using their handsets, the 31st user would not be able to get dial tone.

Radio Interference

Radio interference occasionally interrupts conversations, which does not mean that your unit is defective. Move to a different location while you are talking. If the interference continues, move the Base Unit. If there is still interference, contact your System Administrator.

Specifications

For frequencies, power requirements, weight and size specifications, see Table 4.

Table 4   Specifications

General	
Frequency Control	Frequency Synthesizer
Modulation	FM
Operating Temperature	-10° to 50° C
Base Unit	
Receive/Transmit Frequency	905~925 MHz (30 channels)
Power Requirements	10VDC from supplied AC adapter
Size	Width 5.0 inches Depth 7.5 inches Height 3.7 inches
Weight	Approximately 1 lb., 5 oz.
Handset	
Receive/Transmit Frequency	905~925 MHz (30 channels)
Power Requirements	9VDC from supplied AC adapter Rechargeable Sealed Lead Acid battery (2)
Size	Width 2.125 inches Depth .875 inches Height 6.5 inches with antenna
Weight	Approximately 10.5 oz. with battery
Battery	Capacity 500 mAh, 4V Talk Mode 5 hours (typical) Standby Mode 40 hours (typical)

Access Codes

This section contains access codes for features, outside CO lines, Paging Group and Paging Zone Codes, and Call Pickup Codes. It also contains programming instructions for SD buttons. See "Speed Dial Access Codes" on Page 88.

Important! *The "*XXX*" and "*YY*" entries can change. Please see the Digital Telephone User Guide for information.*

Table 5   Access and Speed Dialing Codes

Feature	Strata DK14, DK16e, DK40, DK40i, DK280, DK424, DK424i	Strata DK8 & DK16, Strata DK24, DK56, and DK96[1]
Account Code	**CNF/TRN** + **#46** + **XXXXX**	**CNF/TRN** + **46** + **XXXXX**
ABR – Cancel	**talk** + **#44** + **talk**	**talk** + **44** + **talk**
ABR – Set	**CNF/TRN** + **#44** + **talk**	**CNF/TRN** + **44** + **talk**
ACB – Cancel	**talk** + **#43**	**talk** + **43**
CF – All Calls	**talk** + **#601** + **XXX** + **talk**	**talk** + **601** + **XXX** + **talk**
CF – Busy	**talk** + **#602** + **XXX** + **talk**	**talk** + **602** + **XXX** + **talk**
CF – Busy/No Answer[1]	**talk** + **#604** + **XXX** + **SD** + **YY** + **talk**	**talk** + **604** + **XXX** + **Speed Dial** + **YY** + **talk**
CF – External	**talk** + **#670** + **No.** + **talk**	—
CF – No Answer[1]	**talk** + **#603** + **XXX** + **SD** + **YY** + **talk**	**talk** + **603** + **XXX** + **SD** + **YY** + **talk**
Call Park	**CNF/TRN** + **#41** + **Line** + **talk** **CNF/TRN** + **#332** + **XXX** + **talk** [2]	**CNF/TRN** + **41** + **Line** + **talk**
Call Park and Page	**CNF/TRN** + **#331** + **XXX** + **Page**[1]	—
Call Park Retrieve	**talk** + **#42** **talk** + **#332** + **talk**[1]	**talk** + **42**
Call Pickup - External Page	**talk** + **#5#35**	**talk** + **535**

Table 5 **Access and Speed Dialing Codes** *(continued)*

Feature	Strata DK14, DK16e, DK40, DK40i, DK280, DK424, DK424i	Strata DK8 & DK16, Strata DK24, DK56, and DK96[1]
Call Pickup - Held Line	**talk** + **#5**(**#7001~#7144**)	**talk** + **5**(**701~704**)
Call Pickup - Int Pg, Door Phone	**talk** + **#5#30**	**talk** + **530**
Call Pickup - Other Groups	**talk** + **#5**(**#320~#339**)	—
Call Pickup - Own Group	**talk** + **#5#34**	—
Call Pickup - Ringing Line	**talk** + **#59**	**talk** + **59**
Call Pickup - Station	**talk** + **#5XXX**	**talk** + **5XXX**
Door Phones	**talk** + (**#151~#163**)	**talk** + (**551~556**)
Emergency Page	**talk** + **#400**	—
Hook Flash	**CNF/TRN** + **#45**	**CNF/TRN** + **45**
LCD Message Cancel	**talk** + **#68** + **talk**	**talk** + **68** + **talk**
LCD Message Set	**talk** + **#68** + **XX** + **talk**	**talk** + **68** + **XX** + **talk**
MW Cancel	**talk** + **#409** + **talk**	—
Page Access - All Page	**talk** + **#39**	**talk** + **39**
Page Access - External Zones	**talk** + (**#35~#38**)	**talk** + (**35~38**)
Page Access - Internal All	**talk** + **#30**	**talk** + **30**
Page Access - Internal Pg Grps	**talk** + (**#311~#318**)	**talk** + (**31~34**)

Table 5   Access and Speed Dialing Codes *(continued)*

Feature	Strata DK14, DK16e, DK40, DK40i, DK280, DK424, DK424i	Strata DK8 & DK16, Strata DK24, DK56, and DK96[1]
SD - Station	**talk** + (**SD** or ∗) + (**10~49**)	**talk** + (**SD** or ∗) + (**10~49**)
SD - System	**talk** + (**SD** or ∗) + (**600~699**) or (**60~99**)	**talk** + (**SD** or *) + (**60~99**)
Timed Reminder - Cancel	**talk** + (**#605~#609**) + **talk**	**talk** + (**605~609**) + **talk**
Timed Reminders	**talk** + (**#605~#609**) + **HHMMX** + **talk**	**talk** + (**605~609**) + **HHMMX** + **talk**
Toll Restriction Override	**CNF/TRN** + **#47** + **XXXX** + **No.**	**CNF/TRN** + **47** + **XXXX** + **No.**
Trunk Access - LCR/ General	**talk** + **9** + **No.**	**talk** + **9** + **No.**
Trunk Access - Line Groups	**talk** + (**801~816**) + **No.**	**talk** + (**81~84**) + **No.**
Trunk Access - Trunk Access	**talk** + (**#7001~#7144**) + **No.**	**talk** + (**701~704**) + **No.**
Voice Mail ID	**talk** + **#656** + **91** + **XXX** + **talk**	**talk** + **656** + **91** + **XXX** + **talk**
Voice Mail Retrieval	**talk** + **#657** + **92** + **XXX** + **talk**	**talk** + **657** + **92** + **XXX** + **talk**

1. Except Release 3.
2. Strata DK24/56/96, Release 3, does not support the cordless handset.

Notes

- CF–No Answer, CF–Busy, and System SD can only be activated when SD is assigned to a button or deleted from all buttons (use ∗).

- Redial must be assigned to a button.

CO Line Access Codes

CO lines are used when you dial an outside number. If your telephone does not have **CO** or **Line**, you can enter a code, listed in Table 6, to access an outside line.

You can also store the code on **SD** for one-touch access. Enter **44** before the CO access code (e.g., to store code **7001**, enter **447001**). See your System Administrator for the code that applies to your telephone.

Note In some systems **9** is used as a general group code or to access LCR. You are required to dial **9** in order to access the outside line. In a system programmed with LCR, you may not hear internal dial tone, depending on system programming.

➤ Press [PDN] + CO Line access code.

Table 6   CO Line Access Codes

System	CO Line Access Codes
DK14	**9** or **801**[1]**~804** or **#7001**[2]**~#7004**
DK16e	**9** or **801~808** or **#7001~#7008**
DK40, DK40i	**9** or **801~808** or **#7001~#7012**
DK424 (RCTUA)	**9** or **801~808** or **#7001~#7016**
DK424 (RCTUBA/BB) and DK424i (B1CU)	**9** or **801~808** or **#7001~#7048**
DK424 (RCTUC/D) and DK424i (B2CAU/B2CBU) (B3CAU/B3CBU)	**9** or **801~816** or **#7001~#7144**
DK424 (RCTUE/F) and DK424i (B5CAU/B5CBU)	**9** or **801~816** or **#7001~#7200**

1. Accesses line groups 1~16.
2. Accesses individual lines 1~200.

Feature Access Codes

Refer to the list of codes on Page 86.

Paging Group Codes

Tables 7~8 have the Paging Group codes.

➤ Press [PDN] **+** Access Code

Table 7   Paging Groups

Paging Group	Access Code	Paging Group	Access Code
Station Group A	**#311**	Station Group E	**#315**
Station Group B	**#312**	Station Group F	**#316**
Station Group C	**#313**	Station Group G	**#317**
Station Group D	**#314**	Station Group H	**#318**

Table 8   External Paging Zones

External Paging Zone	Access Code	External Paging Zone	Access Code
DK14, DK40, DK40i, DK424, DK424i (all processors)			
Paging All Call Page Zone	**#30**	Paging All Call, External Page Zone	**#39**
DK40, DK40i, DK424 (RCTUA, RCTUBA/BB, RCTUC/D) and DK424i (B1CU, B2CAU/B2CBU, B3CAU/B3CBU)			
Zone A	**#35**	Zone C	**#37**
Zone B	**#36**	Zone D	**#38**
DK424 (RCTUE/F) and DK424i (B5CAU/B5CBU)			
Zone A	**#351**	Zone E	**#355**
Zone B	**#352**	Zone F	**#356**
Zone C	**#353**	Zone G	**#357**
Zone D	**#354**	Zone H	**#358**

Speed Dial Access Codes

The number of available station and System SD numbers depends on the size of the telephone system. Check with your System Administrator to find out which codes apply to your system.

Once you store a telephone number on any of the codes listed below, you can dial the number by entering the code, such as **∗10** or **SD** + **10**.

Table 9   SD Access Codes

Telephone System Size	Station Codes	System Codes
Small System (DK14/DK16e/DK16/DK40i/DK40 RCTUA)	**10~49**	**60~99**
Medium System (RCTUBA/BB and RCTUC/D, B1CU, B2CAU/B2CBU and B3CAU/B3CBU)	**10~49**	**600~699**
Large System (RCTUE/F and B5CAU/B5CBU)	**100~139**	**200~999**

Table 10   SD Number Linking

System	System Codes that Link to Other Codes
DK14, DK16e, DK40i, RCTUA	**90~99**
RCTUBA/BB, RCTUC/D, B1CU, B2CAU/B2CBU and B3CAU/B3CBU	**690~699**
RCTUE/F and B5CAU/B5CBU	**990~999**

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