



Axxess[®]

Model 8520 Phone User Guide



MODEL 8000 SERIES PHONES

QUICK REFERENCE GUIDE TO FREQUENTLY USED FEATURES

These are the **basic** instructions for the most frequently used telephone system and voice mail features. For detailed information on these and other features, refer to the complete instructions in the User Guide.

PLACING AN INTERCOM CALL

1. With or without the handset lifted, dial an extension number.
2. *If your call goes through handsfree to the called phone's speaker, speak after you hear a double tone.*
If you hear continuous ringing, wait for the call to be answered.

ANSWERING AN INTERCOM CALL

To answer an intercom call that comes in through your speakerphone:

EITHER, Respond handsfree.

OR, Lift the handset for privacy.

To answer a ringing (non-handsfree) intercom call:

EITHER, Lift the handset for privacy.

OR, Press  (Speaker) or **ANSWER** to respond handsfree.

OR, Press the flashing **IC**  (Intercom) button.

PLACING AN OUTSIDE CALL

1. With or without the handset lifted, press **OUTGOING**.
2. Dial the desired number. (*If you see a request for an account code and hear a single progress tone, you must dial an account code before you can place your call.*)

MAKING AN EMERGENCY CALL

Dial **9 1 1** to automatically place a call to the system's programmed emergency number (usually 911). You do not have to press **OUTGOING** first.

CAUTION

If using an IP Phone, consult your System Administrator and your local Inter-Tel servicing company for important information about dialing emergency services from your phone before you begin using it.

ANSWERING AN OUTSIDE CALL

EITHER, Lift the handset.

OR, Press **ANSWER**.

OR, Press the flashing button.

REDIALING AN OUTSIDE NUMBER

Select a line and press **REDIAL**. The number is automatically dialed.

PLACING A CALL ON HOLD

Press  (Hold) and hang up or place another call.

To return to the call, lift the handset and press the flashing button.

RESPONDING TO A WAITING CALL

If you hear a “call waiting” tone through your handset and/or you see a flashing lamp, end your current call or place it on hold. Then press **ANSWER** or the flashing button.

PAGING

1. Lift the handset and press **PAGE**, or dial **7**.
2. Dial the desired zone number (0-9).
3. After the tone, make your announcement and hang up.

PICKING UP A CALL FROM ANOTHER EXTENSION

1. Lift the handset and dial **4**.
2. Dial the extension number where the call is ringing or holding.

TRANSFERRING A CALL TO ANOTHER EXTENSION

1. Press **TRANSFER**.
2. Dial the desired extension number.
3. Wait for an answer, announce the call, and then hang up.
If the number is busy, there is no answer, or the transfer is refused, press the flashing button to return to the caller.

TRANSFERRING A CALL TO VOICE MAIL

1. Press **TRANSFER**.
2. Dial the voice mail extension number.
3. *EITHER*, Dial the desired mailbox number and then hang up.
OR, Hang up to send the call to the voice mail menu (so that the caller can enter the mailbox number).

TRANSFERRING A CALL TO AN OUTSIDE NUMBER

1. Press **TRANSFER** and select an outside line.
2. Dial the desired telephone number.
3. Wait for an answer, announce the call, and then hang up.
If the number is busy, there is no answer, or the transfer is refused, press the flashing button to return to the caller.

FORWARDING CALLS

1. Press **FWD**. (Model 8560 and 8660 users must then select a menu button.)
2. Do one of the following:
 - *To forward to an outside telephone number:* Select an outside line and dial a telephone number.
 - *To forward to an extension number:* Dial the extension number.
 - *To forward to your voice mailbox:* Dial the voice mail extension.

CANCELING CALL FORWARD

Press **FWD**. (Model 8560 and 8660 users must then press the **FWD OFF** menu button.)

PLACING CONFERENCE CALLS

1. While on the first call, press **CNF**. The call is now on hold.
2. Place an intercom or outside call, then press the flashing **CNF** to place the call on hold. (If necessary, repeat this step to place a third call on hold.)
3. Press the flashing **CNF** to join all of the calls together in the conference.

CHANGING VOLUME LEVELS

Press the  (high) or  (low) end of the Volume button.

To save your change:

EITHER, Press both ends of the Volume button at the same time.

OR, Press the middle of the Volume button.

ACCESSING YOUR VOICE MAILBOX

If your **MSG** button is lit and you have a message from voice mail:

1. Lift the handset or press .
2. Press **MSG**.
3. Enter your personal password and press **#**.

If your **MSG button is not lit, access your mailbox as follows:**

1. Dial the voice mail extension number. (You hear the main menu.)
2. During or after the greeting, press ***** to identify yourself as a subscriber.
3. Enter your mailbox number and your personal password (if programmed). Then press **#**.

LISTENING TO VOICE MAIL MESSAGES

1. Access your mailbox as described on [page 3](#).
2. Press **1** to listen to your new messages. While you are listening to a message, you can use the following options:
 - Press **#** to skip to the end of the recording.
 - Press **1** to back up.
 - Press **2** to pause. (Press any button to continue.)
 - Press **3** to skip ahead.
 - Press **4** to lower the volume.
 - Press **5** to play the message envelope.
 - Press **6** to raise the volume.
 - Press **7** to save the new message in your mailbox.
 - Press **9** to delete the message from your mailbox.
3. When the message has finished playing, you have the following options:
 - Press **1** to replay the message from the beginning.
 - Press **2** to reply to the message (or make a return call, if enabled).
 - Press **3** to forward a copy of the message to another subscriber.
 - Press **4** to listen to the previous message.
 - Press **5** to play the introductory message envelope.
 - Press **6** to listen to the next message.
 - Press **7** to save the new message in your mailbox.
 - Press **9** to delete the message from your mailbox.

SENDING VOICE MAIL MESSAGES

1. Access your mailbox as described on [page 3](#).
2. Press **2**.
3. Dial the mailbox number where you want to leave the message.
4. Press **#** to accept the subscriber's name.
5. Record your message after the tone.
6. When finished, hang up or press **#** and listen for more options.

VOICE MAIL OPTIONS

Below is a summary of the options you can use when listening to messages, after playing messages, and when leaving messages.

#	LISTENING TO MSG	AFTER MSG PLAYS	LEAVING MSG
1	Back Up	Replay the Message	Replay Your Message
2	Pause	Reply to the Message	Add to Your Message
3	Skip Forward	Forward a Copy	Erase and Re-record
4	Lower Volume	Listen to Previous Msg	—
5	Play Envelope	Play Envelope	—
6	Increase Volume	Listen to Next Message	—
7	—	Save the Message	—
8	—	—	—
9	—	Delete the Message	Delivery Options
*	—	—	Cancel
#	Skip to End	—	Send Message and Exit

FEATURE CODES

CODE	FEATURE NAME	CODE	FEATURE NAME
391	Account Code – All Calls	324	Hunt Group Remove/Replace
390	Account Code – Optional	303	LCD Contrast Control
326	ACD Agent Log In	365	Message
327	ACD Agent Log Out	366	Message - Cancel Msg Left
328	ACD Agent Log In/out	368	Message -Cancel Msg On Phone
329	ACD Agent Wrap-up Term.	367	Message - Silent
375	Agent Help Request	314	Microphone Mute
376	Agent Help Reject	7	Page
361	Automatic Intercom Access	325	Page Remove/Replace
360	Automatic Line Access	397	Program Buttons
350	Automatic Line Answer	392	Program Station Password
313	Background Music	6	Queue (Callback) Request
355	Call Forward All Calls	385	Record-A-Call
357	Call Forward If Busy	380	Redial
356	Call Forward If No Answer	331	Redirect Call
358	Call Fwd. If No Answer/Busy	305	Reminder Message
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394	Default Station	4	Reverse Transfer
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372	Do-Not-Disturb On/Off	398	Ring Tone Selection
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395	Feature Button Default	382	Station Speed Dial
312	Group Listen	383	Station Speed Dial Program
319	Handsfree On/Off	354	System Forward On/Off
317	Headset On/Off	381	System Speed Dial
336	Hold – Individual	399	Switch Keymap
335	Hold – System	346	Transfer To Hold
330	Hookflash	345	Transfer To Ring

PHONE SYSTEM AND VOICE MAIL FEATURE GUIDE

USING VOICE MAIL

To access *your voice mailbox*:

1. Dial the Voice Mail extension number.
2. Press ***** and enter your mailbox number.
3. Enter your password and press **#**.
4. You have the following options:
 - Press **1** to listen to new messages.
 - Press **2** to leave a message.
 - Press **3** to listen to saved messages.
 - Press **4** to program personal options and remote message notification (if enabled).
 - Press **5** for message options (undelete messages or cancel unheard sent messages).

Voice Mail will guide you through the options with voice prompts. For your convenience, the table inside this guide summarizes the options available when listening to messages, after playing messages, and when leaving messages.

REMOTE FEATURE ACCESS

Remote Feature Access allows you to place your phone in Do-Not-Disturb mode or forward calls, either from another phone or through a special dial-up line.

If you do not hear a tone after each step, or if you hear repeating tones, you have made a mistake or the feature is restricted. Start over.

To use Remote Feature Access:

1. EITHER, call _____ (number provided by your system administrator). If required, enter your password.
OR, use any phone on the system.

2. Enter **3 5 9**.

3. Enter your extension number.

4. Enter your password followed by **#**.

5. You can now use the features described below and at right.

To change Station Password:

1. Enter **3 9 2**.
2. Enter your current password and press **#**.
3. Enter the new password and press **#**.
4. Enter the new password again for verification and press **#**.

To turn on Do-Not-Disturb:

1. Enter **3 7 0**.
2. Enter message number 01-20 (see default message list below).
3. If desired, enter the optional second-line message text (see dialpad character chart on next page).
4. Hang up.

To turn off Do-Not-Disturb:

Enter **3 7 1** and hang up.

Do-Not-Disturb Messages

01	DO-NOT-DISTURB	11	OUT OF TOWN 'TIL
02	LEAVE A MESSAGE	12	OUT OF OFFICE
03	IN MEETING UNTIL	13	OUT UNTIL
04	IN MEETING	14	WITH A CLIENT
05	ON VACATION 'TIL	15	WITH A GUEST
06	ON VACATION	16	UNAVAILABLE
07	CALL ME AT	17	IN CONFERENCE
08	AT THE DOCTOR	18	AWAY FROM DESK
09	ON A TRIP	19	GONE HOME
10	ON BREAK	20	OUT TO LUNCH

Dialpad Characters

BUTTON	NUMBER OF TIMES BUTTON IS PRESSED								
1	-	&	(	)	*				
2	A	B	C	,					
3	D	E	F	!					
4	G	H	I	*					
5	J	K	L	# or /					
6	M	N	O	N or #					
7	P	Q	R	S					
8	T	U	V	?					
9	W	X	Y	Z					

NOTE: The characters under the 4 digit are dependent on the software version.

To turn on Call Forward:

1. Enter one of the following Call Forward feature codes:

All Calls

If No Answer

If Busy

If No Answer/Busy

355

356

357

358
 2. Enter an extension number or enter a line access code followed by an outside telephone number.
 3. Hang up.
- ## To turn off Call Forward:
1. Enter **3 5 5**.
 2. Press **#** and hang up.

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Finding Your Way

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WELCOME

Your new Model 8520 Phone provides access to several features, each of which is described in this guide. The *About This Guide* section below lists the different sections in this user guide and describes the type of information you can find there. If you need to access information quickly, refer to the *Quick Reference Guide* attached to the front of this guide. You can also tear out the pocket guide to keep as a handy reference for features you are likely to use while away from the office (Remote Feature Access and Voice Mail).

ABOUT THIS GUIDE

This guide contains instructions for using the Model 8520 Phone on the Inter-Tel® Axxess® telephone and voice mail systems. To help you find information more quickly, this guide is divided into four separate sections, as indicated by the tabs.

These sections include the following:

- **Finding Your Way:** This section provides the map for your phone and this guide. It includes figures and general information designed to help you find what you need.
- **Getting Started:** If you need to make a call, this is the section for you. It not only includes basic phone and voice mail information, but it provides instructions on how to perform everyday tasks, such as answering calls, making calls, accessing voice mail, etc.
- **Moving On:** Once you've got the basics down, it's time to move on to the advanced features. In this section, you'll learn how to program speed-dial numbers, use remote messaging, define secondary extensions, and access other helpful features.
- **Learning More:** This is the place where the answers are. With a Frequently Asked Questions (FAQs) section and additional information about the phone and voice mail systems, you can perform basic troubleshooting and learn more about the system.

In addition, this guide contains a list of default feature codes (see [page 75](#)), an index (see [page 79](#)), and a voice mail flowchart (see [page 83](#)) for easy reference.

NOTE: Because the telephone system is very flexible and programmable, the procedures for using the features might vary slightly from the descriptions in this guide. If so, your trainer or system administrator can tell you how your system differs and how to use the features.

ABOUT YOUR PHONE

Your phone has two basic types of buttons in addition to a display and a Message Indicator lamp.

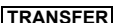
- **Dialpad buttons:** Allow you to enter numbers and letters.
- **Feature buttons:** Provide quick access to various phone and voice mail features.



NOTE: This is the default configuration. Your buttons may have been programmed differently. If you are uncertain about the configuration, ask your system administrator.

Feature Button Functions

The feature buttons are designed to automate some of the commonly-used functions, such as dialing an outside number. Each of these is described in the table below.

BUTTON	IF YOU...	YOU CAN...	PG.
	Press 	Answer a call.	20
	Press  and dial the number	Place an outgoing call.	19
	Press an unlit  button or the flashing button	Select an outside line or answer a call.	19, 20
	Press 	Access an intercom call.	16
	Press unlit or lit 	Enable/disable Do-Not-Disturb mode.	38
	Press  and dial the numbers you would like to add to the conference	Place a conference call.	22
	Press  (International Hold Symbol)	Put a call on hold.	21
	Press  and dial the destination number	Transfer a call.	23
	Press 	View or access System Speed-Dial numbers.	55
	Press 	View or dial Station Speed-Dial numbers.	52
	Press 	Choose a page zone to place a page.	57
	Press 	Redial a telephone number or save the last number dialed.	26
	Press  and hang up	Put a call on the speaker.	29
	Press 	Leave or listen to a message.	31
	Press 	Mute the microphone.	29
	Press  and dial the destination number	Forward calls to the specified number.	25
	Press the high or low end of the Volume button	Adjust volume during a call.	39

In addition to the buttons identified in the preceding table, your phone has a Special button (). Depending on how your telephone system is configured, you may need to press this button before you dial a feature code.

NOTE: Because the telephone system allows customized feature buttons, your phone may have been reprogrammed so that the feature buttons do not match those described in this guide.

Display

Your Model 8520 Phone has two lines of display with 16 characters per line. When your phone is idle, this display shows your extension number, your username, the time of day, and the date. At other times, it may display reminder messages, Do-Not-Disturb (DND) messages, numbers dialed, call sources, elapsed time of calls, current call costs, error messages, etc.

Because the display can only support 16 characters, you may see a few abbreviations. The most commonly used abbreviations are provided in the table below.

ACCT CODE	Account Code
CNF	Conference
DEST	Destination
DIR	Directory
DND	Do-Not-Disturb
EXT	Extension
MSG	Message
RCL	Recall
SPKR	Speaker
SPKRPHN	Speakerphone
STN SPD	Station Speed Dial
SYS SPD	System Speed Dial
TFR	Transfer
TG	Trunk Group (a group of outside lines)
TRNK	Trunk (an outside line)

Message Indicator Lamp

The Message Indicator lamp (located at the top, right-hand corner of the phone) shows the same indications as the **MSG** button. The Message Indicator lamp flashes whenever there is a waiting message.

NOTE: Because the telephone system allows for customization, your phone's message indicator may have been reprogrammed to indicate a different feature.

DSS/BLF and Mini-DSS

Generally, the Model 8450 Direct Station Selection/Busy Lamp Field (DSS/BLF) unit is used by individuals that handle a high volume of incoming calls, such as receptionists. The DSS/BLF provides one-button access to up to 50 extension numbers or a programmable feature. For more information about programming and using the DSS, refer to the current *Administrator's Guide* (part no. 550.8001).

The Model 8416 Mini-DSS unit is a scaled-down version of the full-sized DSS/BLF unit. This optional unit adds 16 user-programmable buttons to your phone. These buttons can be programmed as any of the following:

- **DSS buttons:** Provide one-button access to extension numbers and display the status of the extension associated with the button (see [page 59](#)).
- **Feature buttons:** Provide quick access to frequently-used features (see [page 58](#)).
- **Secondary extensions:** Allow one-button access to calls ringing or holding at another station (see [page 60](#)).

NOTE: Instructions for attaching the Mini-DSS to your phone are included with the unit.

The DSS/BLF and Mini-DSS lamps indicate the status of the extension or feature assigned to the button. These indications are shown in the table below.

If the lamp is...	Then...
Solidly lit	The associated extension is busy, or the associated feature is enabled.
Flashing slowly	The extension is in Do-Not-Disturb.
Flashing rapidly	The extension has a call ringing in.
Fluttering continuously	The extension is causing a STATION OFF-HOOK system alarm.

ABOUT VOICE MAIL

Voice mail is an application that is part of the Inter-Tel Voice Processor. With the voice mail application, you and other callers can send and receive recorded messages from any station or touchtone telephone. To use this and other features, each user (you included) is assigned a “voice mailbox,” which usually corresponds to a valid extension number. You can, however, have an “unassociated” mailbox that does not correspond to an extension. Unassociated mailboxes are typically used for agents or other personnel who don’t have a permanent office.

With your voice mailbox, you can use personal or system greetings to let callers know if you are out of town, on a call, etc. (see [page 47](#)). If a caller reaches your voice mailbox, they can leave a message, hang up, or access an attendant.

In addition, the voice mail administrator can program the name for “group lists” of mailboxes. With these lists, you can send a message to a group of people by entering one number instead of everyone’s individual mailbox number.

NOTE: You cannot cancel unheard (unretrieved) messages that are sent using group lists (see [page 37](#)).

WHAT YOU SEE AND HEAR

As you can see, your Model 8520 Phone and telephone system come equipped with a lot of “bells and whistles.” To help you understand what everything means, it is recommended that you read the following information *before* you use your phone:

- Your telephone system may be programmed for one or two dial tones. Systems with two dial tones have one for intercom calls and one for outside calls.
- Many features “time out” if you wait too long before performing the next step. If this happens, you must hang up and start over.
- If you hear four fast tones or repeating fast tones, you have pressed an invalid button combination, tried to select a restricted line, dialed a restricted or invalid number, dialed too slowly between digits, or waited too long before performing the next step. Hang up and try again.
- Some phone models have red/green lamps in the feature buttons. Green indicates a call is ringing, holding, or active on your phone. Red means the call is on another phone. If the buttons only light red, either your phone does not have the green lamps, or the system is not programmed to support the two lamp colors.

NOTE: Your phone may be programmed to always use red lamps for calls ringing directly to your phone. If you are uncertain about the configuration, ask your system administrator.

- The button lamps may be solidly lit or flashing to indicate the status of a call or feature. To avoid confusion, this guide uses different icons to signify that a lamp is unlit () , lit, () , or flashing () .
- “Off-hook” means that either the handset is lifted or the speakerphone is on ( is lit). “On-hook” indicates that the handset is in the cradle or the speakerphone is off. For example, you must first go “off-hook” to make a call, but you must go “on-hook” to end a call.
- If the  button and Message Indicator lamp are lit when using a directory or entering a message, you are in alphanumeric mode, which allows you to enter letters. If the  button and the Message Indicator lamp are unlit, you are in numeric mode and can only enter numbers and special characters.
- “Handsfree” mode indicates that a call is connected through the speakerphone (i.e., you don’t have to lift the handset to speak). While in handsfree mode, you can make or receive calls.

SOFTWARE COMPATIBILITY

Your phone is compatible with system software versions 7.0 and later. Phones using software versions 3.0 to 6.x have limited functionality in the following areas:

- The **[STN SPD]** button will not work; however, you can still use this feature by dialing the Station Speed-Dial feature code (see [page 52](#)).
- The **[PAGE]** button will not work; however, you can still use this feature by dialing the Page feature code (see [page 57](#)).
- The Message Indicator lamp will not work; however, the **[MSG]** button will still function properly (see [page 31](#)).
- The dedicated headset audio jack will not work; however, you can still use the headset by plugging the headset into the handset jack and dialing the Headset On/Off feature code (see [page 28](#)).
- The optional Mini-DSS will not work.
- The **[TRANSFER]**, **[ANSWER]**, **[OUTGOING]**, **[SYS SPD]**, and **[REDIAL]** lamps will not light.

The Model 8520 Phone does not support software versions 3.0 and earlier.

NOTE: This information about compatibility applies to phones programmed to use the default button locations. Your buttons may have been programmed differently. If you are uncertain about the configuration, ask your system administrator.

Getting Started

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INTRODUCTION

Now that you know what your phone can do, it's time to start using it. In this section, you'll learn how to make and receive calls, transfer calls, retrieve voice mail messages, and much more.

ADJUSTING YOUR PHONE'S VIEWING ANGLE

Your Model 8520 Phone has an adjustable base that allows you to tilt your phone to enhance the viewing angle. There are two types of bases available on the phone, each of which allow you to adjust the angle of the phone. Use the appropriate instructions (listed below) to adjust the angle of your phone.

If your phone has a support mechanism that fits into holes on the base:

1. Position the bottom of the phone's base on a flat surface.
2. Tilt the phone to the desired angle.
3. Place the "feet" of the support mechanism in the holes on the base to secure the position of the phone.

If your phone has buttons located on the back to release the locking base:

1. Position the bottom of the phone's base on a flat surface.
2. Press both buttons on the back of the phone to disengage the base's locking mechanism.
3. Tilt the phone to the desired angle.
4. Release both buttons to lock the base in place.

NOTE: If you position your phone's viewing angle to 60 degrees or greater, it is recommended that you flip the handset hanger down to the horizontal position.

ADJUSTING YOUR PHONE'S LCD CONTRAST

Your Model 8520 Phone has a contrast control wheel that allows you to adjust the Liquid Crystal Display (LCD) contrast. This wheel is located on the back of the phone and can be adjusted while viewing the LCD screen.

To adjust your phone's LCD contrast:

1. While viewing the LCD screen, locate the contrast control wheel on the back, upper-right section of the phone.
2. Adjust the contrast of the LCD screen by turning the wheel clockwise (lighter) or counterclockwise (darker).

SETTING UP VOICE MAIL

To begin using your voice mailbox you will need to complete a few basic set-up procedures to initialize your mailbox, customize your personal greetings, and record your voice mail directory name. See [page 47](#) for additional voice mail options.

Initializing Your Mailbox

One of the first things you should do is initialize your mailbox. This allows you to:

- Change the default password number to a personal password.
- Record a name to identify yourself in the company directory.
- Listen to the voice mail introduction.

To initialize your mailbox:

1. Dial the voice mail extension number. (You hear the main menu.)

NOTE: If you don't know what the voice mail extension number is, check with your system administrator.

2. Press ***** to identify yourself as a subscriber.
3. Enter your mailbox number and default password.

NOTE: Your mailbox number is your default password.

4. *If you want a password*, enter a new password using digits 0-9 (up to 12 digits). Then press **#**. Voice mail plays back your password.
If you do not want to use a password, just press **#**.
5. Press **#** to accept the entry. Press **3** to re-enter your password. The system prompts you to record your directory name.
6. After the tone, record your first and last name. When finished, press **#**.
7. Do one of the following:
 - Press **#** again to accept the name.
 - Press **1** to replay the name you just recorded.
 - Press **2** to add to your name.
 - Press **3** to erase and re-record your name.

The system then plays a prompt that introduces you to the basic voice mail features. You can skip this introduction by pressing **#**, if desired.

Recording Your Personal Greetings

You can store two different personal greetings in your voice mailbox: a primary and an alternate. You can then select which greeting you want played when a caller reaches your voice mailbox. Because the purpose of this greeting is to tell callers why they have reached your voice mailbox, you should include the following information:

- Whether or not you are in the office and where you can be reached
- When you will be returning calls
- For callers who do not wish to leave a message, how to exit voice mail (press **0** to return to the operator)

The following are some sample greetings to help you plan your message:

- **Primary Greeting:** Hello, this is _____. I am either on another line or away from my desk and cannot take your call at this time. If you need to speak to someone immediately, please dial zero now. Otherwise, please leave a detailed message, and I will return your call as soon as possible. Thank you.
- **Alternate Greeting:** Hello, this is _____. I will be away from the office from *day/date* until *day/date*. If you need to speak to someone immediately, please dial zero now. Otherwise, please leave a detailed message, and I will return your call when I return. Thank you.

To change your personal greeting:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **1** to record/change your personal greeting.
4. Do one of the following:
 - Press **1** to record and/or enable your primary greeting.
 - Press **2** to record and/or enable your alternate greeting.
 - Press **3** to enable the system default mailbox greeting.
5. *If you pressed **3**, continue to the next step.*
*If you pressed **1** or **2**, the current greeting is played (if one exists). You can then do one of the following:*
 - Press **#** to accept the greeting.
 - Press **1** to replay the greeting.
 - Press **2** to add to the greeting.
 - Press **3** to erase and re-record the greeting.
 - Press ***** to exit without changing your greeting.
6. Hang up.

Recording Your Voice Mail Directory Name

Your recorded name is used to identify you in the voice mail directory and to verify your mailbox number when messages are addressed to you.

To change your directory name:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **2**. Your current name is played. (Press **1** to replay your recorded name.)
4. Press **3** to erase and re-record your name.
5. When you hear a tone, record your first and last name, then press **#**.
6. Do one of the following:
 - Press **#** again to accept your recorded name.
 - Press **1** to replay your recorded name.
 - Press **2** to add to your name.
 - Press **3** to erase and re-record your name.
7. Hang up.

MAKING AND RECEIVING CALLS

Making and receiving calls is the basic purpose of any phone. With your Model 8520 Phone, you can make/receive intercom and outside calls and make emergency calls.

Intercom Calls

Your extension number allows other people to place intercom calls to you, without dialing any extra codes. And, because every phone in your phone system is assigned an extension number, you can call other people in your system quickly and easily.

NOTE: Ask your system administrator for a list of extensions.

Placing Intercom Calls

To place an intercom call:

1. With or without the handset lifted, dial an extension number.
2. *If your call goes through handsfree to a phone's speaker*, speak after you hear a double tone.

If you hear continuous ringing, wait for the call to be answered.

The phone system allows you to place a non-handsfree call that will override hands-free mode on the extension you are calling. If you use the Ring Intercom Always feature to always send non-handsfree calls, the called party must pick up the handset to answer the call.

To place a non-handsfree call that will ring at the other phone until answered:

Press **#** before dialing the extension number.

To program your phone to *always* send non-handsfree calls using the Ring Intercom Always feature:

With the handset in the cradle, dial **3 7 7**. The current status is shown.

If there is no answer or if the phone is busy when you place an intercom call, you can do any of the following:

- *To leave a station message*, press **MSG** and then hang up.
- *To leave a voice mail message*, press **MSG** and wait for the message center to answer. (See [page 31](#) for more message options.)

NOTE: This option is only available if the called phone has a voice mailbox.

- *To camp onto a busy extension*, stay on the line and wait for the phone to become available. Do not hang up. After the system timer expires, you hear music until the phone is available.

NOTE: You cannot camp on to a phone if it is in DND mode.

- *To request a callback (queue on to the phone)*: Press **6** and hang up. When the phone is available, your phone rings. (To cancel the queue request before the callback, press **6**.)
- *To use the Off-Hook Voice Announce feature (if the called phone is programmed for it)*: Do not hang up. After the busy signals stop, you are automatically connected and may speak. (If you hear music or if the phone is in DND mode, your off-hook voice announce call will not go through.) This allows you to talk to the phone user on his or her handsfree speakerphone, even though the user already has a call in progress on the handset. This feature is not available if your phone has the Ring Intercom Always feature enabled.

Receiving Intercom Calls

Your phone can receive both intercom and non-handsfree intercom calls. If the hands-free feature is enabled on your phone, intercom calls are automatically answered. Non-handsfree intercom calls (see [page 16](#)) override the handsfree option.

If your handsfree feature is disabled, or if you receive a non-handsfree intercom call, you must pick up the handset or press a button to answer the call.

To enable or disable your phone's handsfree answering feature:

With the handset in the cradle, dial **3 1 9**.

To receive an intercom call:

If the handsfree feature is enabled, respond handsfree.

If the handsfree feature is disabled, press  or  or lift the handset for privacy.

To receive a non-handsfree intercom call:

EITHER, Lift the handset for privacy.

OR, Press  or  to answer the call.

NOTE: You must lift the handset if the caller has the Ring Intercom Always feature enabled.

To redirect a ringing call to another extension or to an outside number:

1. Press  and dial **3 3 1**.
2. Enter the extension or outside number to which you want to redirect the call. See [page 26](#) for more information.

To receive an Off-Hook Voice Announce call (through your speaker) while you are on a call:

When you hear a single tone and see an incoming call display, you can do the following:

- *To accept the call on the speakerphone without ending your current call:* When you hear a double tone, you may talk handsfree with the caller through the speakerphone. (The caller on the handset will be able to hear both you and the party on the speakerphone.)
- *To block the call from coming through the speaker:*
 - a. Press  to allow the incoming intercom call to camp on. The  button flashes, and the call is placed on hold.
 - b. Press  to place your phone in DND mode, if desired. (See [page 38](#) for more information about DND mode.)

NOTE: To use this feature, the Off-Hook Voice Announce feature must be enabled.

Outside Calls

With outside calls, you can talk to people who aren't members of your phone system. When you make an outside call, however, you must dial any area codes or long distance digits that your telephone company requires.

Placing Outside Calls

To place an outside call:

1. With or without the handset lifted, press **OUTGOING**.
2. Dial the desired number.

NOTE: If you see a request for an account code and hear a single beep, you must dial an account code before you can place your call (see [page 61](#)).

Depending on how your system is programmed, you may be able to use one of the following methods to select an outgoing line, instead of pressing the **OUTGOING** button:

- Dial the Outgoing Call feature code (default is 8).
- Press an unlit **CALL** button, if you have one.
- Dial a Select Line Group feature code (the defaults are 92001-92208 but may differ depending on the software version).
- Dial the Automatic Route Selection (ARS) feature code (the default is 92000 but may differ depending on the software version).

To request a callback (queue on to the line) if all outgoing lines are busy when you try to call out:

When you hear busy signals, press **6** and hang up. When the line is available, your phone rings.

To cancel the queue request before your phone rings:

Press **6**.

When dialing the number, you can do one of the following:

- Use the speed-dial directory. See [page 62](#).
- Use the Station Speed-Dial feature. See [page 52](#).
- Use the System Speed-Dial feature. See [page 55](#).
- Redial the last number you dialed. See [page 26](#).

Receiving Outside Calls

To receive an outside call:

EITHER, Lift the handset.

OR, Press **ANSWER**. Depending on how your system is programmed, you may be able to press the flashing **CALL** button instead.

To redirect a ringing call to another extension or to an outside number:

1. Press ∞ and dial **3 3 1**.
2. Enter the extension or outside number to which you want to redirect the call. See [page 26](#) for more information.

Emergency Calls

With the telephone system, you do not have to access an outside line (press **OUTGOING**) to dial an emergency number.

To make an emergency call:

Dial **9 1 1**. A call is automatically placed to the preset emergency number.

Call Waiting

If you receive a call while you are already on another call, you will hear a “call waiting” tone and/or you will see a display.

To respond to a waiting call (you hear a single tone and a button is flashing):

- *To end the current call:* Hang up. The waiting call rings in.
- *To place the current call on hold:* Press **U**. Then press the flashing button to answer the waiting call.
- *To have the caller hear DND signals:* Press **DND**. (See [page 38](#) for more information about DND mode.)

PLACING CALLS ON HOLD

You can place calls on hold in one of two ways: individual or system.

- **Individual Hold** places the call on hold at one phone. It can then be directly picked up at that phone or it can be picked up at another phone using the Reverse Transfer (Call Pickup) feature (see [page 24](#)).
- **System Hold** places the call on hold in the system. You can then pick up the call at any phone that has a flashing button for the call, including the phone that placed it on hold.

NOTE: You cannot place intercom calls on system hold.

To place a call on Individual Hold:

1. Press .
2. Hang up or place another call.

To place an outside call on System Hold:

1. Press  and dial **3 3 5**.
2. Hang up or place another call.

To return to a call that is on hold:

Lift the handset and press the flashing button.

PLACING CONFERENCE CALLS

With the Conference feature, you can establish a conference call with up to three intercom and/or outside parties (four, including you).

To place a conference call:

1. While on the first call, press **[CNF]** to put the call on hold.
2. Place another intercom or outside call.
3. Press **[CNF]** to place the call on hold. (If necessary, repeat this step to place one more call on hold.)
4. Press **[CNF]** to join all of the calls together in the conference.

During the conference call, you can do the following:

- *To place the conference on hold:* Press **[H]**. This places the conference on hold without disconnecting the parties. To return to the conference, press **[CNF]**.
- *To drop out of the conference:* Press **[CNF]** and hang up. This removes your phone from the conference, but leaves the other parties connected.
- *To add additional parties to the conference:* Do the following:
 - a. Press **[CNF]**. This leaves the conference parties connected.
 - b. Place a call to the party to be added to the conference.
 - c. Press **[CNF]** twice to put yourself and the new party into the conference.
- *To end the conference and place all parties on individual hold:* Press **[CNF]** and then press **[H]** to place all of the parties on individual hold. You can then speak to one party at a time by pressing **[H]** or a flashing button.
- *To mute your microphone:* Press **[MUTE]**. This turns your microphone on or off during the conference. If mute is enabled, you can hear the conferenced parties, but they cannot hear you.
- *To transfer the conference to another extension or to voice mail:* Press **[TRANSFER]** and dial the desired extension number. Then hang up when you are ready to complete the transfer.

TRANSFERRING CALLS

Although transferring calls is considered a basic function of a phone, your Model 8520 Phone has many advanced options for this feature. With your phone, you can transfer to another extension, voice mail, or even an outside line.

To Another Extension

1. *EITHER*, Press **TRANSFER**.
OR, Press **∞** and dial **3 4 6** to place the call on hold at the other phone.
2. Dial the desired extension number.
3. Wait for an answer, announce the call, and then hang up.
If the number is busy, there is no answer, or the transfer is refused, press the flashing button to return to the caller.

NOTE: If you are receiving a transferred call and the Transfer-To-Connect option is enabled for your phone, you are automatically connected to the transferred caller once the transferring party hangs up. If this option is disabled, you must press a **CALL** button to answer the transferred call.

To Voice Mail

1. Press **TRANSFER**.
2. Dial the voice mail extension number.
3. *EITHER*, Dial the desired mailbox number and hang up.
OR, Hang up to send the call to the voice mail menu (so that the caller can select the mailbox number).

To an Outside Number

1. Press **TRANSFER**.
2. Select an outgoing line and dial the desired telephone number.
3. Wait for an answer, announce the call, and then hang up.
If the number is busy, there is no answer, or the transfer is refused, press the flashing button to return to the caller.

USING REVERSE TRANSFER

The Reverse Transfer (Call Pick Up) feature allows you to answer a call that is ringing or holding at another phone. For example, if the attendant transfers a call to you but you have stepped away from your phone, you can pick up the call using another phone.

To answer a call ringing or holding at another phone:

1. Lift the handset and dial **4**.
2. Dial the extension or hunt group number (see page 68) where the call is ringing or holding. The call is transferred to the phone you are using and you are connected to the caller.

NOTE: If the Group Call Pickup feature is enabled, you can pick up a call ringing at any station in a hunt group by dialing the hunt group's extension number (available in versions 5.2 and later).

FORWARDING CALLS

With the Forwarding feature, you can have calls follow you (e.g., forwarded to a cell phone), or you can redirect calls to a voice mail or other extension.

Manual Call Forwarding

Manual call forwarding allows you to send incoming calls to another extension number. You can even forward calls to outside numbers, if your phone is programmed to allow this.

To forward calls:

1. *EITHER*, Press **FWD**.

OR, Enter one of the following feature codes:

- **3 5 5** (Call Forward All Calls): All incoming calls are forwarded without ringing at your phone.
- **3 5 6** (Call Forward If No Answer): All incoming calls are forwarded if they are not answered before a timer expires.

NOTE: Only the installer or system administrator can adjust this timer.

- **3 5 7** (Call Forward If Busy): When your phone is busy, all incoming calls are forwarded without ringing at your phone.
- **3 5 8** (Call Forward If No Answer or Busy): All incoming calls are forwarded if your phone is busy or if you do not answer, as described above.

2. Do one of the following:

- *To forward to an outside telephone number:* Select an outgoing line and dial a telephone number.
- *To forward to an extension number:* Dial the extension number.
- *To forward to your message center:* Press **MSG**.

To cancel any call forward request:

EITHER, Press **FWD** and then **■**.

OR, Dial any one of the feature codes listed above and then press **■**.

Automatic System Forwarding

Automatic System Forwarding allows your system administrator to route calls based on the type of call and the status of your telephone. Although you cannot program the path of a system forward, you can enable or disable this feature on your phone.

To enable or disable System Forwarding:

Dial **3 5 4**.

Redirect Call

NOTE: This feature is available only with versions 5.3 and later system software.

The Redirect Call feature allows you to forward any call that is ringing on your phone without having to answer the call.

NOTE: You cannot redirect calls to an extension that is in DND or to a restricted outside number.

To redirect a call to an extension number:

1. Press ∞ and dial **3 3 1**.
2. Dial the extension number.

To redirect a call to an outside telephone number:

1. Press ∞ and dial **3 3 1**.
2. Enter the outside telephone number.
3. Press **#**.

REDIALING A NUMBER

Although most phones redial the last number *dialed*, your system administrator can program your phone to redial the last number *saved*.

To use the Last Number Dialed feature (if enabled):

With or without the handset lifted, press **REDIAL**. A line is selected automatically, and the number is dialed.

To use the Last Number Saved feature (if enabled):

- *To save the last number dialed:* While the phone is idle or while listening to inter-com dial tone, press **REDIAL**.
- *To redial the saved number:* After selecting a line, press **REDIAL**. The number is dialed automatically.

DISPLAYING INFORMATION ON YOUR PHONE

Your Model 8520 Phone has two lines of display where you can view information, such as the date and time or the outside party's name/number.

Date, Time, Name, and Extension Number

You can temporarily display the system date and time, your username, and your extension number at any time.

To show the date and time display (while on a call, in DND, etc.):

Press ∞ and dial **3 0 0**.

Outside Party's Name/Number

NOTE: This feature is available only in versions 4.4 and later system software.

If you are currently connected to an outside caller with Caller ID, you can toggle between displaying the caller's name and number.

To show the outside party's name/number:

Press ∞ and dial **3 7 9**.

NOTE: If there is no outside party name available, the display shows CANNOT ACCESS FEATURE.

USING A HEADSET

With an electret headset, you can talk on the phone handsfree, without using your speaker and microphone.

NOTE: If your headset has a power-saver mode, make sure the system administrator has the Headset Connect Tone flag enabled in the telephone system. If this flag is *not* enabled, you may miss the first few seconds of incoming calls.

To connect a headset:

1. Insert the headset plug into the headset jack.
2. With the handset in the cradle, dial **3 1 5** (Headset On feature code) or dial **3 1 7** (Headset On/Off feature code). The display shows HEADSET MODE ON.

NOTE: If using a headset, press  to connect and disconnect calls.

To disconnect a headset:

1. Unplug the headset cord from the headset jack.
2. With the handset in the cradle, dial **3 1 6** (Headset Off feature code) or dial **3 1 7** (Headset On/Off feature code). The display shows HEADSET MODE OFF.

NOTE: If you have both a headset and handset connected to your phone and you are using the headset, you can quickly transfer audio to the handset by lifting the handset from the cradle. Press  to transfer the call back to the headset before replacing the handset in the cradle.

USING THE SPEAKER AND MICROPHONE

If you are not using a headset, you can talk handsfree using your speaker and microphone. You can also use the speakerphone for on-hook dialing, call monitoring, and background music.

Mute Button

To mute the microphone so that you can hear the other party, but they cannot hear you (this does not put them on hold):

Press **MUTE**.

To return to the call:

Press **MUTE**.

Group Listen Using the Speaker

With the Group Listen feature, you can transmit a conversation over the speaker while you use the handset or headset to continue speaking. This allows other people to hear the caller while the caller can only hear you.

NOTE: You cannot use this feature on a handsfree call. You must be on a call using the handset or a headset before entering the feature code.

To turn the group listen feature on or off during a call:

Press ∞ and dial **3 1 2**. You hear a confirmation tone (the other party does not hear this tone).

NOTE: If you are using the handset, the  button lamp will remain unlit, even though the speaker is on. This allows you to place the call into handsfree mode at any time during the call by pressing  and hanging up. If you are using a headset, however, the  button lamp is lit. Pressing  will disconnect the call.

Enhanced Speakerphone Mode

The Enhanced Speakerphone Mode improves transmission quality while on a speakerphone call over a limited volume level range (typically the range is 1 to 3).

NOTE: To use this feature, the system administrator or installer must program your phone for Enhanced Speakerphone Mode.

To enable enhanced speakerphone mode while on a call:

EITHER, Press ∞ and then .

OR, Press ∞ and dial **3 1 0**. The speakerphone will return to standard mode when you end the call.

There will be about one second of white noise while the speakerphone circuitry is calibrated to the call. (Both parties should avoid speaking during this white noise.) If the speakerphone cannot be calibrated correctly, displays show CANNOT ENABLE ENHANCED MODE.

NOTE: Two display phones cannot be in enhanced mode while on a call together; one phone must be off-hook to allow the other phone to enter enhanced speakerphone mode.

ALSO: On some long-distance calls, the outside party may hear his or her own echo when speaking. If the amount of echo is objectionable, do not use the Enhanced Speakerphone Mode.

USING THE MESSAGE BUTTON

In today's busy world, it's almost guaranteed that you will call someone that is on another call, does not answer, or is in DND. But, with the **MSG** button, you can let the other person know you called.

When you leave a message, you can:

- **Have the called party return your call.** When the party you called responds to the message indication, a call is automatically placed to your phone.
- **Leave a message with the called party's message center (which can be a person or voice mail).** When the party you called responds to the message, a call is automatically placed to his or her message center instead of your phone.

To indicate that a message is waiting, your phone's **MSG** button flashes, and the display shows the number of waiting messages.

Leaving Messages

To leave a station message while on an intercom call, press **MSG** and hang up.

To leave a voice mail message while on an intercom call, press **MSG** and wait for the message center to answer.

To leave a silent message without placing an intercom call:

1. Dial **3 6 7**.
2. Dial the desired extension number and hang up to leave a station message.

To cancel a message that you left at another phone:

1. Dial **3 6 6**.
2. Dial the extension number of the phone where you left the message.

Retrieving Messages

To retrieve a message (Message button and lamp are flashing):

Lift the handset and press **MSG**. A call is automatically placed to the phone or message center that left the message. (See the following section for information about entering your mailbox.)

To select the message you want to answer first:

1. With the handset in the cradle, press **MSG** repeatedly to view your waiting messages.
2. When the desired message is displayed, press **#** or lift the handset for privacy and then press **#** to respond.

To cancel a waiting message:

1. Press **MSG** repeatedly to view your waiting messages.
2. Press ***** to cancel the desired message when it is displayed.

ACCESSING YOUR MAILBOX

If you have a message waiting in your mailbox, you must access your voice mailbox to retrieve it.

TIP: Generally, pressing **#** during any voice mail operation will advance you to the next step. For example, when leaving a voice mail message for another voice mail user, you can press **#** to skip the person's introductory message and proceed directly to the recording phase. Similarly, while listening to messages, you can press **#** to skip the system-generated voice prompts and proceed directly to the playback phase. You can also press ***** to cancel or return to the previous menu at any menu level.

When you access your mailbox, the system may play one of the following messages:

- **Mailbox almost full or full:** If your mailbox is full, no new messages can be received until you delete waiting or saved messages.
- **Message count:** The system tells you how many messages are waiting to be heard, if any, and how many are priority messages.
- **Remote Messaging:** The system will indicate whether primary or alternate Remote Messaging is selected when the Remote Messaging feature is enabled (see [page 65](#)). It will also alert you if a programming error has been detected and/or if it encountered busy system resources when attempting to place a Remote Messaging call.

To access your mailbox:

1. Dial the voice mail extension number. (You hear the main menu.)
2. During or after the greeting, press ***** to identify yourself as a subscriber.
3. Enter your mailbox number and your personal password (if programmed). Then press **#**.

NOTE: If you do not have a password, just press **#**. See [page 47](#) for information on programming passwords.

USING VOICE MAIL MESSAGES

Once you've accessed your mailbox, the system will tell you how many new and saved messages you have. You can then listen to messages, delete messages, save messages, etc.

Listening to Messages

To listen to messages:

1. Access your mailbox as described on [page 32](#).
2. *EITHER*, Press **1** to listen to your new messages.
OR, Press **3** to listen to your saved messages.
3. While you are listening to a message, you can use the following options:
 - Press **#** to skip to the end of the recording.
 - Press **1** to back up.
 - Press **2** to pause. Then press any button to continue.
 - Press **3** to skip ahead.
 - Press **4** or  to lower the volume.
 - Press **5** to play the message envelope.
 - Press **6** or  to raise the volume.
 - Press **7** to save the new message in your mailbox.
 - Press **9** to delete the message from your mailbox.

4. When the message has finished playing, you have the following options:

- Press **1** to replay the message from the beginning.
- Press **2** to reply to the message. If you are using version 5.1 or later software, you have the following options (earlier versions only leave voice mail messages):
 - Press **1** to leave a voice mail message for the caller.

*If the caller had a mailbox number, it will ask you to verify the destination by pressing **#**.*

If the number was not associated with a mailbox, it will ask you to enter a mailbox number.

If the message was from an outside caller, you cannot leave a voice mail message.
 - Press **2** to make a return call. Your call will be transferred automatically to the caller's extension or telephone number, if available.

If the extension number is not available, you will have the option of leaving voice mail.

If the telephone number is not available, you cannot reply to the message.
- Press **3** to forward a copy of the message to another subscriber. If you want to include an introduction, press **1**. If not, press **#** to forward the message without additional comments.
- Press **4** to listen to the previous message.
- Press **5** to play the introductory message envelope (see [page 47](#) for information on envelope options).
- Press **6** to listen to the next message.
- Press **7** to save the new message in your mailbox.
- Press **9** to delete the message from your mailbox.

5. Hang up.

Undeleting Messages

NOTE: This feature is available only in versions 5.1 and later system software.

If you accidentally delete a voice mail message, you can retrieve it within a specific time frame (programmed by your system administrator). Any retrieved messages are then restored to your saved-message queue. Messages that are not undeleted within the programmed time (up to 24 hours) are automatically erased.

To recover deleted messages:

1. Access your mailbox as described on [page 32](#).
2. Press **5** for Message Options.
3. Press **2** to access undelete options. Your options are:
 - Press **1** to listen to your deleted messages and choose which ones to delete or recover. After each message you can:
 - Press **1** to replay the message.
 - Press **2** to reply to the message.
 - Press **3** to forward the message to another mailbox.
 - Press **4** to listen to the previous message.
 - Press **5** to play the message envelope.
 - Press **6** to listen to the next message.
 - Press **7** to recover the message.
 - Press **9** to purge the message from your mailbox.
 - Press **2** to recover all of your deleted messages and store them as saved messages.
 - Press **3** to erase all of your deleted messages.
4. Hang up.

Sending Messages

To send a message:

1. Access your mailbox as described on [page 32](#).
2. Press **2**.
3. Dial the desired mailbox number or group list number.
4. Press **#** to accept the subscriber's name.
5. Record your message after the tone. While recording, you have the following options:
 - Press **2** to pause while recording. Then press any button to continue.
 - Press **3** to erase and re-record your message.
6. When finished recording, hang up or press **#** to access the following options.
 - Press **#** to send the message and return to the voice mail options.
 - Press **1** to replay your message.
 - Press **2** to add to your message.
 - Press **3** to erase and re-record your message.
 - Press **9** to use the special delivery options. You can then use **one or more** of the following options:
 - Press **1** to mark the message “private.” (This prevents the recipient from forwarding it to other subscribers.)
 - Press **2** to mark the message “certified.” (When the recipient listens to the message, you will receive a receipt notice.)
 - Press **3** to mark the message “priority.” (This will place your message ahead of all other waiting messages in the receiving mailbox.)
 - Press ***** to cancel delivery options.
 - Press **#** to deliver the message. (If you want to mark the message certified, private, and/or priority, you must do so before completing this step.) You may choose either of the following options:
 - Press **#** and enter another mailbox number to send the message to another destination.
 - Press ***** to exit and return to voice mail options.
7. Hang up.

Canceling Unheard Messages

NOTE: This feature is available only in versions 5.1 and later system software.

You can cancel unretrieved messages that you have sent to individuals, but not messages that you sent to group lists.

To cancel unheard messages:

1. Access your mailbox as described on [page 32](#).
2. While listening to the voice mail main menu, press **5** for Message Options.
3. Press **1**.
4. When prompted, enter the number of the mailbox containing the unheard message.
5. Press **#** to confirm the mailbox you are selecting. Voice mail will tell you how many messages you have waiting at the mailbox and play them for you. After each message, you can:
 - Press **1** to replay the message.
 - Press **2** to add to the message.
 - Press **3** to forward the message to another mailbox.
 - Press **4** to listen to the previous message.
 - Press **5** to play the message envelope.
 - Press **6** to listen to the next message.
 - Press **7** to save the message in your mailbox.
 - Press **9** to delete the message.
6. Hang up.

USING DO-NOT-DISTURB MODE

If you are away from your desk, or if you do not want to be disturbed, you can use the DND feature. This halts all pages and calls to your phone, except queue callbacks, recalls, and direct ring-in calls. When other users call your phone, they hear a repeating signal of four fast tones and, if they have a display phone, see the DND message you have selected.

Your telephone system can have up to 20 different DND messages, each of which can be changed by the system administrator, installer, or programmer. Your trainer or system administrator will give you a list of the programmed DND messages. For convenience, you should update the following default list.

	DEFAULT MESSAGE	NEW MESSAGE		DEFAULT MESSAGE	NEW MESSAGE
01	DO-NOT-DISTURB		11	OUT OF TOWN 'TIL	
02	LEAVE A MESSAGE		12	OUT OF OFFICE	
03	IN MEETING UNTIL		13	OUT UNTIL	
04	IN MEETING		14	WITH A CLIENT	
05	ON VACATION 'TIL		15	WITH A GUEST	
06	ON VACATION		16	UNAVAILABLE	
07	CALL ME AT		17	IN CONFERENCE	
08	AT THE DOCTOR		18	AWAY FROM DESK	
09	ON A TRIP		19	GONE HOME	
10	ON BREAK		20	OUT TO LUNCH	

Because the system DND message only uses one line of your display, you can enter a second line of text, up to 16 characters. For example, if you select 03 (IN MEETING UNTIL) as your first line of text, you can enter “3:30” as your second line. Callers with a display phone will then see, “IN MEETING UNTIL 3:30.”

To enable DND:

1. Press **[DND]**.
2. *EITHER*, Dial the two-digit number corresponding to the message you want to use.
OR, Press the  (high) or  (low) end of the Volume button to scroll through the messages.
3. *If desired*, customize the second display line by dialing the desired numbers or letters as described below:
 - *Remain in numeric mode (Message button and lamp unlit)*: Press the dialpad buttons to dial the desired numbers. Press **#** for a hyphen (-), ***** for a colon (:), **[FWD]** to leave a space, or **[MUTE]** to backspace.
 - *Change to alphanumeric mode (Message button and lamp lit)*: Press **[MSG]** and then press the dialpad buttons to enter the desired characters. (Note that letters correspond to the letters printed on the buttons.) The number of times a button is pressed determines which character is entered. For example, 33377744432999 enters "FRIDAY." When adjoining characters are located under the same button, press **[FWD]** once to advance to the next character. For example, 6 **[FWD]** 666 **[FWD]** 6632999 enters "MONDAY." Press **[FWD]** twice to leave a space or press **[MUTE]** if you need to backspace.
4. Press  or lift and replace the handset.

To cancel DND mode:

Press **[DND]**.

	NUMBER OF TIMES BUTTON IS PRESSED										
BUTTON	1	2	3	4	5	6	7	8	9	10	11
	ENGLISH CHARACTERS					JAPANESE CHARACTERS**					
1	-	&	(	)	1	A	I	U	E	O	a
2	A	B	C	'	2	KA	KI	KU	KE	KO	i
3	D	E	F	!	3	SA	SHI	SU	SE	SO	u
4	G	H	I	*	4	TA	CHI	TSU	TE	TO	e
5	J	K	L	# or *	5	NA	NI	NU	NE	NO	o
6	M	N	O	Ñ or #*	6	HA	HI	FU	HE	HO	tsu
7	P	Q	R	S	7	MA	MI	MU	ME	MO	ya
8	T	U	V	?	8	YA	YU	YO	.	,	yu
9	W	X	Y	Z	9	RA	RI	RU	RE	RO	yo
0	@	:	.	,	0	WA	WO	N	pa	ba	long

*The character available depends on the software version.

**The Japanese characters are only available if the Multilingual feature is enabled and Japanese is installed as the secondary language.

USING REMINDER MESSAGES

Never be late for a meeting again! With Reminder Messages, you can program your phone, up to 24 hours in advance, to alert you at a specified time. At the programmed time, the reminder message signals you with eight short tones, and your display shows the message. If you are on a call, you still hear the tones, and the message displays for ten seconds. Then the display returns after you hang up. (Reminder displays interrupt, but do not affect, programming.)

Your phone system can have up to 20 different reminder messages, each of which can be changed by the system administrator, installer, or programmer. Your trainer or system administrator will give you a list of reminder messages for your system. For convenience, you should update the following default list.

	DEFAULT MESSAGE	NEW MESSAGE		DEFAULT MESSAGE	NEW MESSAGE
01	MEETING		11	CALL ENGINEERING	
02	STAFF MEETING		12	CALL MARKETING	
03	SALES MEETING		13	CALL ACCOUNTING	
04	CANCEL MEETING		14	CANCEL DND	
05	APPOINTMENT		15	CANCEL CALL FWD	
06	PLACE CALL		16	TAKE MEDICATION	
07	CALL CLIENT		17	MAKE RESERVATION	
08	CALL CUSTOMER		18	REVIEW SCHEDULE	
09	CALL HOME		19	LUNCH	
10	CALL CORPORATE		20	REMINDER	

To request a reminder message:

1. With the handset in the cradle, dial **3 0 5**.
2. *EITHER*, Dial the desired two-digit number for the message that you want.
OR, Press  or  to scroll through the messages.
3. While the desired message is displayed, press **#**.
4. Enter the time you wish to receive the message in hours and minutes. For example, 0900 = 9:00. If you dial three digits, such as 900 for 9:00, press **#**.

NOTE: If your system is set for 24-hour format, you must enter the time appropriately (e.g., 1400 = 2:00PM).

*If your system is set for 12-hour display format, press **1** for AM or **2** for PM.*

To cancel all reminder message requests before they signal you:

With the handset in the cradle, dial **3 0 6**.

To clear a received reminder message:

With the handset in the cradle, press *****.

Moving On

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INTRODUCTION

Now that you've mastered the basics, it's time to move on to the advanced features. In this section, you'll learn how to program your phone, use directories, access your voice mailbox remotely, and perform various other functions.

SETTING PREFERENCES

Your phone and voice mailbox are automatically set to specific defaults. You can, however, configure many of these settings at any time.

Phone Configuration

Customizable features on your phone include changing volume levels, enabling background music, selecting a ring tone, and others.

Changing Volume Levels

The telephone system has eight volume settings: handset intercom, handset outside call, speakerphone intercom, speakerphone outside call, background music, ringing, handset intercom dial tone, and speakerphone intercom dial tone.

NOTE: To change each of these levels, you must be using that feature. For example, if you want to change the speakerphone level for an intercom call, you must be on a handsfree intercom call.

To change a volume level:

Press  (the high end of the Volume button) to increase the volume. Press  (the low end of the Volume button) to decrease the volume.

To save your change:

EITHER, Press both ends of the Volume button.

OR, Press the middle of the Volume button.

Selecting a Ring Tone

The ability to change your ring tone is helpful in close-quartered environments. If your ring tone is unique, you can quickly identify when a call is ringing on your phone.

To select the type of ring tone for your phone:

1. With the handset in the cradle, dial **3 9 8**.
2. Do one of the following to select your ring tone:
EITHER, Press **0** for no ringing.
OR, Press **⏮** or **⏭** to scroll to the desired tone.
OR, Dial 1-9 to select a specific tone.
3. When you hear the tone you want, press **#** or **⏮**, or lift and replace the handset.

Enabling Background Music

If your telephone system is equipped with a music source, you can listen to music through your speaker.

To enable or disable background music:

Dial **3 1 3**.

Changing Keymaps

Keymaps identify where feature buttons appear on your phone. While all phones are programmed with a standard keymap, some phones have alternate keymaps (ask your system administrator). If you have an alternate keymap, you can switch between the keymaps by dialing a specific feature code.

To switch between keymaps when your phone is idle:

With the handset in the cradle, dial **3 9 9**.

To switch between keymaps during a call:

Press **∞** and dial **3 9 9**.

Enabling Automatic Call Answer

The Automatic Call Answer feature determines whether or not you are automatically connected to a caller when you lift the handset (or press **⏮**). If this feature is enabled, you are automatically connected when you go off-hook. If it is disabled, you must first lift the handset (or press **⏮**) and then press the flashing button.

To enable/disable this feature for ringing outside calls:

With the handset in the cradle, dial **3 6 0**.

To enable/disable this feature for ringing (non-handsfree) intercom calls:

With the handset in the cradle, dial **3 6 1**.

Changing the Language

When your phone system is installed, the system administrator can choose two of four different languages (American English, British English, Japanese, or Spanish) as the primary and secondary languages. You can then change the display and voice mail prompts on your phone by toggling between the primary and secondary languages. For example, if the system's primary language is American English, and your phone is programmed for the primary language, all displays appear in American English, and your voice mail prompts are played in American English (unless changed, as outlined below). If the secondary language is Japanese, and your phone is programmed for the secondary language, all displays appear in Japanese (Katakana) characters, and your voice mail prompts are played in Japanese.

NOTE: You can only use the secondary language voice mail prompts if they are loaded on the system. By default, all phones are set for the primary language. See your system administrator to determine which languages are programmed for your phone system.

You can also program messages using English/Spanish or Japanese characters, or a combination of both (see [page 63](#) for a list of characters). In displayed lists, such as directories, the English/Spanish characters are alphabetized before the Japanese characters.

To change the assigned language for your phone:

Dial **3 0 1** to change between your system's primary and secondary languages, as desired. Your display shows the current language.

Returning to Default Operation

You can return your phone to default levels at any time. This feature returns volumes to default levels; cancels DND, manual call forwarding, background music, and queue requests; and restores handsfree mode, pages, hunt group calls, and system forwarding all at once.

To return your phone to default:

Dial **3 9 4**.

Voice Mail Options

Your voice mailbox contains personal options to allow you to customize voice mail functions. However, before you change your voice mail options, you must first initialize your mailbox (see [page 13](#)).

Changing Your Mailbox Password

Your password prevents unauthorized access to your mailbox.

To change your password:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **3**.
4. *If you want to have a password*, enter a new password, using up to 12 digits.
If you do not want to use a password, skip this step.
5. Press **#**. Voice mail plays back your password if you entered one.
6. Press **#** to accept the password as entered or press **3** to erase and re-enter your password.
7. Hang up.

Changing the Voice Mail Message Envelope

When you receive a voice mail message, the voice mail system plays an “envelope” that can include the time and date the message was left, the source of the message, and/or the message length. By default, the envelope contains all of this information, but you can change your envelope, as described below.

To change your message envelope:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **4** to select the Message Envelope Options Menu. You can then do any of the following:
 - Press **1** to enable or disable the time/date option.
 - Press **2** to enable or disable the message source option.
 - Press **3** to enable or disable the message length option.
 - Press **4** to enable all options and return to the Personal Options Menu.
 - Press **5** to disable the entire envelope and return to the Personal Options Menu.
 - Press **#** or ***** to return to the Personal Options Menu.
4. Hang up.

Changing the Call Screening Transfer Method

NOTE: The Call Screening feature is available only if it is enabled for your mailbox (ask your system administrator).

Depending on the transfer method you select, transferred calls from voice mail may be unannounced (as usual), or one of the following may occur:

- **“Announce Only” Calls:** Before voice mail transfers a call to you, a prompt asks the caller to record his or her name. When you answer, you hear, *“You have a call from (caller’s name).”*
- **“Screened” Calls:** Before voice mail transfers a call to you, a prompt asks the caller to record his or her name. When you answer, you hear, *“You have a call from (caller’s name).”* You can choose whether or not to accept the call (see [page 62](#)).

To change your transfer method (if allowed):

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **9** for More Options. (*If using version 5.0 or earlier software, skip this step.*)
4. Press **5**. The system tells you what your current transfer method is. You can then select the desired transfer method, as follows:
 - Press **1** to select unannounced transfers.
 - Press **2** to select screened transfers.
 - Press **3** to select announce only transfers.
 - Press ***** to return to the Personal Options Menu without making changes.
5. Hang up.

Programming a Fax Destination

NOTE: This feature is available only in software versions 5.1 and later.

With the Inter-Tel Voice Processor, callers can use your mailbox to send you a fax. To use this feature, you must specify the destination fax number.

To change your Fax Destination Number:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **9** for More Options.
4. Press **1**.
5. Enter the number of your fax destination, followed by **#**.
6. *EITHER*, Press **#** to accept the number.
OR, Press **3** to erase and re-enter the number.
7. Hang up.

Changing the Message Search Order

NOTE: This feature is available only in software versions 5.2 and later.

When more than one message is left in your voice mailbox, you can change the order in which you retrieve your messages, based on the date and time they were received.

To change the listening order of your messages:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu.
3. Press **9** for more options.
4. Press **2** for the Message Search Order.
5. Press **1** to change the search order for new messages or press **2** to change the search order for saved messages. You have the following options:
 - Press **1** to retrieve the earliest-received messages first (First In/First Out).
 - Press **2** to retrieve the latest-received messages first (Last In/First Out).
 - Press ***** to return to the Personal Options Menu without making changes.
6. Hang up.

Programming Remote Messaging

NOTE: Your installer or system administrator must enable this feature on your voice mailbox.

With Remote Messaging, you can program the Voice Processor (voice mail) to call you when your mailbox receives new messages. Using a “cascade” (a series of up to nine telephone numbers), voice mail will call each number until it successfully connects to a device (e.g., pager, answering machine, etc.).

Because your mailbox can have a primary and an alternate cascade of numbers, you can program a cascade to be used during specific days and times. For example, if you want to be paged when you receive a message from 5-10 PM on weekdays, you can set up a primary cascade. If you also want to receive pages for messages marked “priority” on the weekends, you could set your alternate cascade for all day on Saturdays and Sundays.

NOTE: If for some reason voice mail is not able to use your remote notification, your mailbox will receive a message stating that notification could not be completed.

To set up remote messaging:

1. Access your mailbox as described on [page 32](#).
2. Press **4** to select the Personal Options Menu. (*If using version 5.0 or earlier software, skip this step.*)
3. Press **5**.

NOTE: This option is not available if you do not have Remote Messaging enabled.

4. Press **1** to set up a primary cascade or press **2** to set up an alternate cascade.
5. Do one of the following.
 - **To program a cascade level:** Press **1** and enter the number of the level you wish to program (1-9). You then have the following options:
 - *To set up or change an **extension or telephone** number:* Press **2**. Then press **1** for an extension number or press **2** for an outside number. Then enter the number.
 - *To set up or change a **pager** number:* Press **3**. Then enter the number.
 - *To enable or disable the cascade level:* Press **1**. (You cannot enable the level until a notification number is programmed.)
 - **To set up time of day for notification:** Press **2**. Then enter the time you want the message notification to start and stop. Enter the times with two digits for the hour and two digits for the minutes (e.g., 0915 = 9:15). If entering the time in 12-hour format, you are prompted to press **1** for AM or **2** for PM.

NOTE: For 24-hour notification, program the starting and ending times to be the same.

- **To set up the days of the week for notification:** Press **3**. Then select one of the following:
 - Press **1** for Monday-Friday.
 - Press **2** for all days.
 - Press **3** to select individual days. You are prompted to press digits 1-7 which correspond to the days Sunday through Saturday.
 - **To select all or priority-only message notification:** Press **4**. Then press **1** for all messages or **2** for priority messages only.
6. Either select another option, as described above, or press **#** to save the settings and exit.

SPEED DIALING

Speed dialing allows you (and your system administrator) to store and access frequently dialed numbers. Each number is stored in your phone (Station Speed Dial) or in the phone system (System Speed Dial) and is identified by a location number. Once programmed, you can quickly dial these numbers by entering a feature code and dialing the desired location number. Because the system supports both Station and System Speed-Dial numbers, you can have access to over 1000 stored numbers.

Station Speed Dial

You can program and use up to ten personal speed-dial numbers on your phone. In addition, if you have programmable feature buttons, you can program them as speed-dial buttons for one-touch dialing. To use a speed-dial button, you must:

- Store the number in a speed-dial location.
- Program an available feature button as a speed-dial button.
- Associate a speed-dial location with the new speed-dial button.

NOTE: You can use the Speed-Dial feature even if your phone does not have programmable feature buttons.

Storing Station Speed-Dial Numbers

To store a speed-dial number, use the Station Speed-Dial Programming feature code to program the number in a speed-dial location. Use the following table to list the numbers that you store in speed-dial locations 0-9.

0	_____	5	_____
1	_____	6	_____
2	_____	7	_____
3	_____	8	_____
4	_____	9	_____

To store a number in a Speed-Dial location:

1. With the handset in the cradle, dial **3 8 3**.
2. Dial the speed-dial location (0-9) you want to program.
3. Enter the desired name for the speed-dial number, as described below:
 - *Alphanumeric mode (Message button and lamp lit):* Press the dialpad buttons to enter the desired characters. (Refer to the chart on [page 63](#).) The number of times a button is pressed determines which character is entered. For example, 533266 would enter “JEAN.” When adjoining characters are located under the same button, press **FWD** once to advance to the next character. For example, 66 **FWD** 6667776 would enter “NORM.” (Note that letters correspond to the letters printed on dialpad buttons 2-9.) Press **FWD** twice to leave a space. Press **MUTE** if you need to backspace.
 - Press **#** to save the name.
4. Dial the extension number or telephone number to be stored, as described below:
 - *Numeric mode (Message button and lamp unlit):* Press the dialpad buttons to dial the desired numbers. Press **#** for a hyphen (-), ***** for a colon (:), **FWD** to leave a space, or **MUTE** to backspace.

*If your number includes an asterisk, pound, a hookflash (a quick hang up and release), or a pause, press ∞ once for an asterisk, twice for a pound, three times for a hookflash, or four times for a pause. (Each pause or hookflash counts as one digit.) You can enter more than one special character in a row by pressing **FWD** between the characters.*
 - Press **#** to save the number.

TIP: To dial outside telephone numbers without first selecting an outgoing line, enter the Outgoing access code (default is **8**) before the outside telephone number.

Programming Station Speed-Dial Numbers

If your phone has programmable buttons, you can program one or more as speed-dial buttons. After the button is programmed, you must select a speed-dial location to associate with the button.

NOTE: Before you program a speed-dial button, you need to store a number in a speed-dial location (see the previous instructions).

To program a speed-dial button:

1. With the handset in the cradle, dial **3 9 7**.
2. Press the feature button you want to program as a speed-dial button.
3. Dial **3 8 2**.
4. Dial the speed-dial location (0-9) that contains the number you want to associate with the button.

To view how your Station Speed-Dial buttons are programmed:

1. With the handset in the cradle, dial **3 9 6**.
2. Press the desired Station Speed-Dial button. The name or number is displayed.
3. Press **#** to exit.

To erase a Station Speed-Dial name and/or number:

1. With the handset in the cradle, dial **3 8 3**.
2. Dial the desired location code (0-9) or press the desired Station Speed-Dial button.
3. Press **[MUTE]** repeatedly until the name is erased.
4. Press **#** to continue.
5. Press **[MUTE]** repeatedly until the number is erased.
6. Press **#** to exit.

Dialing Station Speed-Dial Numbers

To dial a Station Speed-Dial number:

If necessary, select an outgoing line. You have the following options:

- *To use a location number:* Press **[STN SPD]** or dial **3 8 2** and then enter the desired Station Speed-Dial location number (0-9).
- *To use a Station Speed-Dial button:* Press the desired Station Speed-Dial button.

System Speed Dial

Your system administrator can store up to 1000 speed-dial numbers in System Speed-Dial locations 000-999.

To view and/or dial System Speed-Dial numbers:

1. Press **[SYS SPD]** or dial **3 8 1**.
2. Dial the location code (000-999) for the desired number.
3. Press **#** to dial the number.

USING RECORD-A-CALL

If your telephone system is equipped with a Voice Processor (voice mail), you may have access to the Record-A-Call feature. If so, you can record an ongoing call as a mailbox message. You can then retrieve the message, just as you would any other mailbox message.

To use the Record-A-Call feature while on a call:

1. Press ∞ and dial **3 8 5**.
2. *If required*, dial the desired mailbox number. (Your phone may be programmed to select the mailbox, or you may be required to dial it.)

You hear a confirmation tone when the Record-A-Call feature is activated.

To turn off Record-A-Call:

EITHER, Press ∞ and dial **3 8 5**.

OR, Hang up.

PAGING

The Paging feature allows you to make an announcement through phone speakers or external speakers (if your system is equipped with external paging equipment). To prevent announcements from transmitting through every phone in the system, this feature uses page zones. Each zone contains a different combination of extensions and external paging equipment, and is programmed by your system administrator. Ask your trainer or system administrator how the zones are programmed, and list them below for your convenience.

0 _____	5 _____
1 _____	6 _____
2 _____	7 _____
3 _____	8 _____
4 _____	9 _____

NOTE: The Model 8520 Phone has a **PAGE** button, which is programmed to a specific page zone. If you do not know which page zone is programmed for this button, ask your system administrator.

Enabling Paging

You can enable or disable page receiving for your phone by using the Page Remove/Replace feature code. If your phone is assigned to more than one page zone, all zones are removed or replaced at once (you cannot turn off individual zones).

To turn paging on and off for your phone:

Dial **3 2 5**.

Making Pages

To make pages:

1. Press **PAGE** or dial **7**.
2. Dial the desired zone number (0-9).
3. After the tone, make your announcement and hang up.

PERFORMING A “HOOKFLASH” DURING A CALL

Certain telephone service companies may require a timed hookflash (a quick hang up and release).

To generate a hookflash while using a line:

Press ∞ and dial **3 3 0**.

PROGRAMMING YOUR FEATURE BUTTONS

Depending on how your system is programmed, some of your feature buttons may be “user-programmable.” If so, you can program them with any of the feature codes listed in the back of this user guide. The buttons on the Mini-DSS can also be programmed as feature buttons. In addition, you can combine the feature button and Station Speed-Dial functions to program a feature button to dial an outside number.

NOTE: You cannot program secondary extension buttons as feature buttons (see Programming Secondary Extension Buttons on [page 59](#)).

To program a user-programmable feature button:

1. With the handset in the cradle, dial **3 9 7**.
2. Press the feature button you want to program.
3. Dial the feature code or extension number you want to store under that button. (Refer to [page 75](#) for default feature codes.)

To return all feature buttons to their original default values:

With the handset in the cradle, dial **3 9 5**.

To display the current feature button values:

1. With the handset in the cradle, dial **3 9 6**.
2. Press the feature button(s) you want displayed.
3. Press $\blacksquare$ to exit.

PROGRAMMING DIRECT STATION SELECTION BUTTONS

A button programmed as a Direct Station Selection/Busy Lamp Field (DSS/BLF) button provides a way to dial the associated extension with one touch. In addition, if the button is equipped with a lamp, you can visually monitor the status of the associated extension.

To assign an extension to a DSS/BLF button:

1. With the handset in the cradle, dial **3 9 7**.
2. Press the DSS button(s) and dial the desired extension number.

Once programmed, you can use your DSS button as follows:

- You can place an intercom call to the extension that the DSS button is programmed for by pressing the button once.
- You can transfer a call to the extension that the DSS button is programmed for by pressing the button once and hanging up. (For transferred calls that are forwarded to voice mail you will hear repeating double tones, and the display will show DEST FORWARDED TO VOICE MAIL.)
- You can visually monitor the status of the extension. The DSS/BLF lamps indicate the status of the extension or feature assigned to the button. These indications are shown in the table below.

If the lamp is...	Then...
Solidly lit	The associated extension is busy, or the associated feature is enabled.
Flashing slowly	The extension is in Do-Not-Disturb.
Flashing rapidly	The extension has a call ringing in.
Fluttering continuously	The extension is causing a STATION OFF-HOOK system alarm.

NOTE: For the DSS buttons to work as described above, your system administrator must define them as user-programmable in Database Programming.

PROGRAMMING SECONDARY EXTENSION BUTTONS

With the Secondary Extension Appearances feature, you can program various buttons on your phone (and on the Mini-DSS) to indicate the call activity at a different extension (primary phone). In addition to being able to see when a call is ringing, answered, or on hold, you can use your secondary extension button to answer a call that is ringing at the primary phone. Your phone may also be programmed to ring automatically when a given number of calls are waiting at the primary phone (ask your system administrator).

There are two possible types of secondary extension buttons: programmable and non-programmable. If you have a non-programmable secondary extension button, only the system administrator can change the associated extension. If you have a programmable button, you can change the extension, as described below.

NOTE: You can only assign the extension for a secondary extension button. You cannot create or change the secondary extension button (e.g., make it a feature button).

To display the current secondary extension button assignment(s):

1. With the handset in the cradle, dial **3 9 6**.
2. Press the secondary extension button(s) you want displayed.

To assign a primary phone to a secondary extension button (if enabled):

1. With the handset in the cradle, dial **3 9 7**.
2. Press the secondary extension button and dial the desired extension number.

Once programmed, you can use your secondary extension button as follows:

- You can press your flashing secondary extension button to answer a call that is ringing or holding on any **CALL** button at the primary phone.
- You can press your unlit secondary extension button to place an intercom call to the primary phone.

NOTE: If the secondary button is flashing (i.e., a call is ringing at the primary phone), you can press **#** before pressing the flashing button to place an intercom call to the primary phone without answering the call. Or, you can just dial the primary phone's extension number.

To transfer a call back to the extension after you have answered it on your phone:

- *To transfer to hold:* Press the secondary extension button, announce the call (if desired), and then hang up.
- *To transfer to ring:* Press **TRANSFER** and then the secondary extension button. You can announce the call, if desired, before hanging up to complete the transfer.

USING ACCOUNT CODES

If your telephone system is programmed to use the Station Message Detail Recording (SMDR) feature, you might be required to enter account codes when you place a call. These codes add information to phone record reports that the system will periodically print.

There are three types of account codes:

- Standard account codes are automatically entered into the SMDR report whenever you place a call.
- Forced account codes must be dialed before you can place an outside call.
- Optional account codes can be entered at any time during a call.

NOTE: Your system administrator can tell you which types of account codes are used on your telephone system.

To enter an optional account code:

1. Press **∞** and dial **3 9 0**.
2. Enter the optional account code. If the account code is not immediately accepted, press **#**.

To set an account code for all calls placed from your phone:

Dial **3 9 1** and then the account code. If the account code is not immediately accepted, press **#**. This code will be used for all calls made from your phone until it is disabled.

To disable the code:

Dial **3 9 1** and press **#**.

SCREENING CALLS

NOTE: This feature is available only if your telephone system is equipped with a Voice Processor (voice mail).

If your voice mailbox is programmed correctly, you can screen calls that are transferred from voice mail. This allows you to accept and/or refuse specific calls. Depending on the transfer method you use, calls from voice mail may be unannounced, announce only, or screened calls (see [page 48](#) for details).

If your voice mailbox is programmed for screened calls, you have the following options when you receive a transfer:

- Press **#** to accept the call.
- Press **1** to replay the announcement.
- Press **2** to send the call to voice mail.
- Press **3** and then enter the extension number to forward the call to another extension.
- Press ***** to refuse the call.

USING THE DIRECTORIES

With directories, you can use your phone's dialpad to find names and numbers. You can then use the directory information to make calls, access features, or leave voice mail messages.

Phone Directory

The phone directory contains a list of the extension numbers, System Speed-Dial numbers, feature codes, and their associated names. To search for an item, you can enter the full or partial name. The system will then find the closest match. Once the correct match is displayed on your phone, you can dial the number or press a button to access that extension or feature.

To perform a directory search using your dialpad buttons:

1. With the handset in the cradle, press **3 0 7**.
2. Press **1** for the intercom directory, **2** for the outside directory, or **3** for the feature directory.
3. Enter letters or numbers (up to 10 characters) as described below:
 - *Remain in alphanumeric mode (Message button and lamp lit):* Press the dialpad buttons to enter the desired characters. (Note that letters correspond to the letters printed on dialpad buttons 2-9.) The number of times a button is pressed determines which character is entered. For example, 77776444844 would enter "SMITH." When adjoining characters are located under the same button, press **FWD** once to advance to the next character. For example, 5666 **FWD** 66337777 would enter "JONES." Press **FWD** once to advance and twice to leave a space or press **MUTE** to backspace.
 - *Change to numeric mode (Message button and lamp unlit):* Press the dialpad buttons to enter an extension number. Press **MUTE** to backspace.
4. Press **#** to begin the search. *If desired*, you can use the high/low end of the Volume button to move alphabetically through the directory.

To dial a number or feature code while it is displayed:

Press **#**.

	NUMBER OF TIMES BUTTON IS PRESSED										
BUTTON	1	2	3	4	5	6	7	8	9	10	11
	ENGLISH CHARACTERS					JAPANESE CHARACTERS**					
1	-	&	(	)	1	A	I	U	E	O	a
2	A	B	C	'	2	KA	KI	KU	KE	KO	i
3	D	E	F	!	3	SA	SHI	SU	SE	SO	u
4	G	H	I	*	4	TA	CHI	TSU	TE	TO	e
5	J	K	L	# or / *	5	NA	NI	NU	NE	NO	o
6	M	N	O	N or # *	6	HA	HI	FU	HE	HO	tsu
7	P	Q	R	S	7	MA	MI	MU	ME	MO	ya
8	T	U	V	?	8	YA	YU	YO	.	,	yu
9	W	X	Y	Z	9	RA	RI	RU	RE	RO	yo
0	@	:	.	,	0	WA	WO	N	pa	ba	long

*The character available depends on the software version.

**The Japanese characters are only available if the Multilingual feature is enabled and Japanese is installed as the secondary language.

Voice Mail Directory

Whenever voice mail asks you to enter a mailbox number, you can use the mailbox and extension number directories. You can also use these directories to leave a voice message with another user. The system finds the closest matching directory name based on your entry.

To perform a directory search using your dialpad buttons:

When prompted, press the buttons to enter the name. The number of times a button is pressed determines which character is entered, as shown below. When adjoining characters are under the same button, press **FWD** to advance to the next character. For example, 5666 **FWD** 66337777 enters "JONES."

	NUMBER OF TIMES BUTTON IS PRESSED				
BUTTON	1	2	3	4	5
1	-	&	(	)	1
2	A	B	C	'	2
3	D	E	F	!	3
4	G	H	I	*	4
5	J	K	L	# or / *	5
6	M	N	O	N or # *	6
7	P	Q	R	S	7
8	T	U	V	?	8
9	W	X	Y	Z	9
0	@	:	.	,	0

*The character available depends on the software version.

To use the directory to leave a voice mail message:

1. Dial the voice mail extension number.
2. Press **#** for Directory Services.
3. Enter the desired name, as described above, and press **#**. The selected name is played.
4. Do one of the following:
 - Press **#** to accept the name.
 - Press **1** to hear the previous name in the directory.
 - Press **2** to hear additional information for the selected name (if allowed).
 - Press **3** to hear the next name in the directory.
 - Press **4** and spell a new name to search for a different name.
 - Press **5** to switch the first/last name sort order.

PROGRAMMING REMOTE FEATURE ACCESS

If you are away from your desk and forgot to put your phone in DND, don't worry. With the Remote Feature Access, you can place your phone in DND or forward calls from any other phone on the system. And, if you have a special dial-up line, you can access your phone features from an outside line.

NOTE: For your convenience, a pocket-sized guide of the Remote Feature Access is located in the front of this guide.

Remote Access Password

Before you use Remote Feature Access, you should program a password, as described below.

To change the password from your phone:

1. Dial **3 9 2**.
2. Enter your current password, followed by **#**.

NOTE: Your extension number is your password at default.

3. Enter the new password followed by **#**. You hear a confirmation tone.
4. Enter the new password again for verification followed by **#**. You hear a confirmation tone.

To change the station password using remote programming, see the next page.

Remote Feature Access

To access your phone from another phone:

1. *EITHER*, Call your Direct Inward System Access number (provided by your system administrator). If required, enter your password.
OR, Use any phone on the system.
2. Enter **3 5 9**.
3. Enter your extension number.
4. Enter your password followed by **#**. You can now use any of the following features.

To change the station password using Remote Programming:

- a. Enter **3 9 2**.
- b. Enter the new password, followed by **#**.
- c. Enter the new password again for verification, followed by **#**.

To turn on DND:

- a. Enter **3 7 0**.
- b. Enter the message number (01-20) and enter the optional second-line message text.

To turn off DND: Enter **3 7 1**.

To turn on Call Forward:

- a. Enter one of the following Call Forward feature codes.

All Calls..... **3 5 5**

If No Answer **3 5 6**

If Busy..... **3 5 7**

If No Answer or Busy **3 5 8**

- b. Enter an extension number or enter an outside line access code followed by a telephone number.

To turn off Call Forward: Enter **3 5 5**.

5. Hang up.

REQUESTING AGENT HELP

Your telephone system may be programmed to support the Agent Help feature, which allows you to request help from a designated “Agent Help Extension” (usually your supervisor) during a call. When your request call rings at the Agent Help Extension, the supervisor can choose to join the call or reject the request.

If the Agent Help Extension is a digital phone, the phone’s microphone is automatically muted so that the supervisor cannot be heard unless he or she presses **MUTE**. If the Agent Help Extension is a single-line phone, however, the supervisor **can** be heard as soon as the conference is established. In either case, the supervisor can hear all other parties on the call.

To use the Agent Help feature while on a call:

1. Press **∞** and dial **3 7 5**. *If you hear repeating tones*, the Agent Help feature is not available at your phone, you already have four parties in your call, not enough system circuits are currently available, or the Agent Help Extension is in DND.

2. Dial the Agent Help Extension number, if required. (Your phone may be programmed to automatically dial the number, or you may be required to dial it.)

If the Agent Help Extension accepts the call, you hear the Agent Help tone, if it is enabled, and the supervisor can monitor or join your call.

If the Agent Help Extension rejects the call, you hear a confirmation tone, and the display shows AGENT HELP REJECTED.

To respond to an Agent Help request:

When you receive an Agent Help request, your display shows <name> REQUESTS HELP. You can do one of the following:

- *To accept the call*: Answer as usual. Your microphone is muted and you cannot be heard by either party unless you press **MUTE**.
- *To reject the call*: Dial **3 7 6**.

WORKING IN HUNT GROUPS

Your system may be programmed with “hunt groups.” Hunt groups are groups of phones that share a common extension number in addition to having individual extension numbers. This allows someone to call anyone in the group (using the common extension) or a specific member (using the individual extension). The members of these groups and the common extension(s) are programmed by your system administrator.

Hunt Group Calls Enabled/Disabled

If you are a member of a hunt group, you can enable or halt hunt group calls to your extension.

To turn on or off hunt group calls:

Dial **3 2 4**.

ACD Hunt Groups

Some hunt groups use a special feature called Automatic Call Distribution (ACD) that distributes the hunt group calls equally among the available members. These hunt group members are referred to as “agents,” who log in to the ACD hunt group to receive calls and log out to halt ACD hunt group calls.

Distributing Calls

Calls are distributed through an ACD hunt group based on Agent IDs or extensions, as described below.

- **Agent IDs:** If the hunt group is programmed to use ACD Agent IDs, each agent is assigned an Agent ID number to enter during the login procedure (described on the next page). The hunt group calls are routed to logged-in agents, according to their Agent ID number instead of their extension number. Because the Agent ID is not associated with any extension, the agent can use any phone in the system to log in.
- **Members:** If the hunt group **is not** programmed to use Agent IDs, it will have a pre-programmed list of phones and will send calls to the phones where agents are logged in.

Logging In and Out of ACD Hunt Groups

Agents can log in to and out of the ACD hunt group at any time. While logged in, the agent receives calls through the ACD hunt group. When the agent is logged out, calls to that ACD hunt group bypass the agent.

To log in to all of your ACD hunt groups at once using the ACD Agent Login/Logout feature code:

With or without the handset lifted, dial **3 2 8** and enter your Agent ID, if necessary. The display shows AGENT LOGGED IN TO ALL ACDS, and you hear a confirmation tone.

NOTE: This feature code acts as a toggle. If you were already logged in, the display shows AGENT LOGGED OUT OF ALL ACDS, and you hear a confirmation tone.

To log in to one or more hunt groups using the ACD Agent Login feature code:

1. With or without the handset lifted, dial **3 2 6**. The display shows AGENT LOGIN ACD NUMBER.
2. *EITHER*, Enter the desired ACD hunt group number.
OR, Press **#** to log in to all of your ACD hunt groups at once. The display shows AGENT LOGIN AGENT ID.

NOTE: If you entered an invalid hunt group number, the display shows NOT AN ACD HUNT GROUP, and you hear repeating tones.

3. Do one of the following:
 - **To log into one or more ACD hunt groups using Agent IDs:** Enter your Agent ID. The display shows AGENT LOGGED INTO ALL ACDS. You are logged into the ACD hunt group using Agent IDs.

NOTE: If another Agent ID is already logged in at this phone, you hear repeating tones, and the display shows DIFFERENT AGENT ID ALREADY USED. You must have the other agent log out before you can use that phone.

- **To log into one or more ACD hunt groups that do not use Agent IDs:** Press **#**. The display shows AGENT LOGGED INTO ALL ACDS. You are logged into the ACD hunt group that does not use Agent IDs.

If you were already logged in, the display shows ALREADY LOGGED INTO <hunt group>.

If you are not a member of the entered hunt group, the display shows NOT AN AGENT IN THIS HUNT GROUP, and you hear repeating tones. Start over.

4. Hang up if off-hook. Repeat this procedure to log into additional ACD groups, if necessary.

When you log in to a group, you may be automatically connected to a call after you hear a short ring burst. If the ACD Agent ID Automatic Connect option is enabled for your hunt group and you are using a headset, you will be automatically connected. If this option is not enabled for your hunt group, the call will ring until you answer it or until it times out to another extension.

NOTE: Even if the ACD Agent ID Automatic Connect option is enabled, the first call you receive (after you log in or remove your phone from DND while logged in) will ring until you answer it. You will, however, be automatically connected to subsequent calls.

To log out of one or more ACD hunt group:

1. *EITHER*, Dial **3 2 8** to log out of all of your ACD hunt groups at once. The display shows AGENT LOGGED OUT OF ALL ACDS, and you hear a confirmation tone.
OR, With or without the handset lifted, dial **3 2 7**. One of the following displays will appear:
 - *If you were logged in to only one hunt group*, the display shows AGENT LOGGED OUT OF <hunt group>. The procedure is complete.
 - *If you were logged in to more than one hunt group*, the display shows AGENT LOGOUT ACD NUMBER. Dial the extension number of the desired ACD hunt group.
 - *If you were not logged in to any hunt group*, the display shows NOT LOGGED INTO ANY ACD GROUP.
2. Hang up if off-hook.

Ending an ACD Hunt Group Call

Each time you end an ACD hunt group call, a wrap-up timer is started. Until this timer expires, you will not receive another call through any ACD hunt group. You can, however, end the wrap-up session before this timer expires, as described below.

To terminate the ACD Agent wrap-up period before the timer expires:

With the handset in the cradle, dial **3 2 9**.

NOTE: If you were not logged in to an ACD hunt group, the display shows CANNOT ACCESS RESERVED FEATURE.

Learning More

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INTRODUCTION

If you want to know more about your phone and voice mail system, this is the section for you. With additional information and an FAQ, you should be able to find answers to most of your questions.

WHAT THE ADMINISTRATORS CAN DO FOR YOU

The administrators are the people to whom you should turn if you have any problems with your phone and/or voice mail. They have access to advanced programming features and can reset certain settings associated with your phone.

The types of administrators that can help you with your phone/voice mail are as follows:

- **System Administrator:** Performs certain telephone system functions, including:
 - Setting the date and time
 - Programming System Speed-Dial numbers
 - Making database changes, such as programming usernames, toll restriction, DND messages, and extension numbers
- **Voice Mail Administrator:** Performs tasks associated with the voice mail system, including:
 - Recording a broadcast message that is sent to all mailboxes at once
 - Performing mailbox maintenance (such as changing your password)
 - Customizing voice mail prompts

NOTE: Because the telephone system is very flexible and programmable, the procedures for using the features might vary slightly from the descriptions in this guide. If so, your trainer or system administrator can tell you how your system differs and how to use the features.

If you are a system administrator or if you need additional information not available in this guide, refer to the *Administrator's Guide* (part number 550.8001).

FREQUENTLY ASKED QUESTIONS (FAQs)

This section includes some of the most frequently asked questions. If you have problems with your phone or voice mailbox, refer to this section before you contact your system administrator or your local Inter-Tel dealer.

Q1. *How do I program System Speed-Dial numbers?*

A1. Only your system administrator can program System Speed-Dial numbers. You can, however, program up to ten Station Speed-Dial numbers (see [page 52](#)).

Q2. *How do I change the time and date on my phone?*

A2. Only your system administrator can change the time and date. Please contact your system administrator if you notice that the date and time are incorrect.

Q3. *How can I retrieve messages if I don't know the password for my voice mail?*

A3. Try using your extension number, which is your default password. Or, maybe you don't have a password, in which case pressing **#** is all you need to do. If these options don't work, contact your system administrator, who can change or erase the password for you. You can then retrieve your messages and reset the password, if desired (see [page 47](#)).

Q4. *Why can't I retrieve deleted messages?*

A4. Voice mail may have erased your message. After a programmed amount of time has lapsed, up to 24 hours, voice mail automatically erases all deleted messages (see [page 35](#)). If you attempted to undelete a voice mail within this time frame but you were still unsuccessful, your voice mail system may not have sufficient space programmed to store deleted messages. Or, your telephone system may not be using a software version that supports this feature (the “undelete” feature is supported by software versions 5.3 and later). Contact your system administrator to determine if this feature is available.

Q5. *How can I set the number of rings that are allowed before the call is sent to voice mail?*

A5. Only your system administrator can change the number of rings.

Q6. *How can I change the name displayed on my phone?*

A6. Only your system administrator can change the usernames assigned to extensions.

Q7. *How do I scroll the display screen?*

A7. Press  (the low end of the Volume button) to scroll down or  (the high end of the Volume button) to scroll up.

Q8. *Why can't I program a Station Speed-Dial number to the button I want? It keeps saying that the button is non-programmable.*

A8. Your system administrator has programmed that button as a non-programmable button. Because you cannot override system programming from your phone, you must choose another button.

Q9. *Why can't I use one of the features described in this guide?*

A9. There are a few reasons why you might not be able to access the feature. Some possible reasons include:

- Your system software version may not support the feature. This guide covers software versions 3.0 and later. (See [page 9](#) for information about software compatibility.)
- Your system administrator may not have enabled the feature for your phone.
- Your system administrator may have programmed your phone to block the feature.

Q10. *If I need further assistance, how do I get technical support?*

A10. First, contact your system administrator if you have a question that is not covered in this user guide. If you need further assistance, contact your local authorized Inter-Tel dealer. All Inter-Tel sales, service, and support are handled at the local level.

DEFAULT FEATURE CODES

Use the blank spaces below to enter custom feature codes, if necessary.

OUTSIDE LINE ACCESS CODES

ACCESS CODE NAME	ACCESS CODE	NEW CODE
Select Line Group 1-208	92001-92208*	
Automatic Route Selection	92000*	
Emergency Call	911	
Outgoing Call	8	

*These defaults may differ depending on the software version.

EXTENSION NUMBERS

EXTENSION NAME	EXTENSION NUMBER	NEW NUMBER
Phone Extensions	1000-1999	
Hunt Groups	2000-2299	
Attendant	0	

GENERAL FEATURE CODES

FEATURE NAME	FEATURE CODE	NEW CODE
Account Code – Following Calls	391	
Account Code – Optional	390	
ACD Agent Log In	326	
ACD Agent Log Out	327	
ACD Agent Log In/Out	328	
ACD Agent Wrap-Up Terminate	329	
Agent Help Request	375	
Agent Help Reject	376	
Answer (Ringing Call)	351	
Automatic Intercom Access On/Off	361	
Automatic Line Access On/Off	360	
Automatic Line Answer	350	
Background Music On/Off	313	
Call Forward All Calls	355	
Call Forward If Busy	357	
Call Forward If No Answer	356	
Call Forward No Answer/Busy	358	
Conference	5	
Change Language	301	
Data	340	
Default Station	394	
Directory	307	
Display Time And Date	300	
Do-Not-Disturb	370	
Do-Not-Disturb Cancel	371	
Do-Not-Disturb On/Off	372	
Do-Not-Disturb Override	373	
Enhanced Speakerphone Enable	310	
Feature Button Default	395	
Group Listen	312	
Handsfree On/Off	319	
Headset On	315	
Headset Off	316	
Headset On/Off	317	
Hold – Individual	336	
Hold – System	335	
Hookflash	330	
Hunt Group Remove	322	
Hunt Group Replace	323	
Hunt Group Remove/Replace	324	
Message	365	
Message – Cancel Message Left	366	
Message – Cancel Message On Phone	368	
Message – Silent Message	367	

GENERAL FEATURE CODES (CONTINUED)

FEATURE NAME	FEATURE CODE	NEW CODE
Microphone Mute On/Off	314	
Page	7	
Page Receive On/Off	325	
Program Baud Rate	393	
Program Buttons	397	
Program Station Password	392	
Queue (Callback) Request	6	
Record-A-Call	385	
Redial	380	
Redirect Call	331	
Reminder Message	305	
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Routing Off	304	
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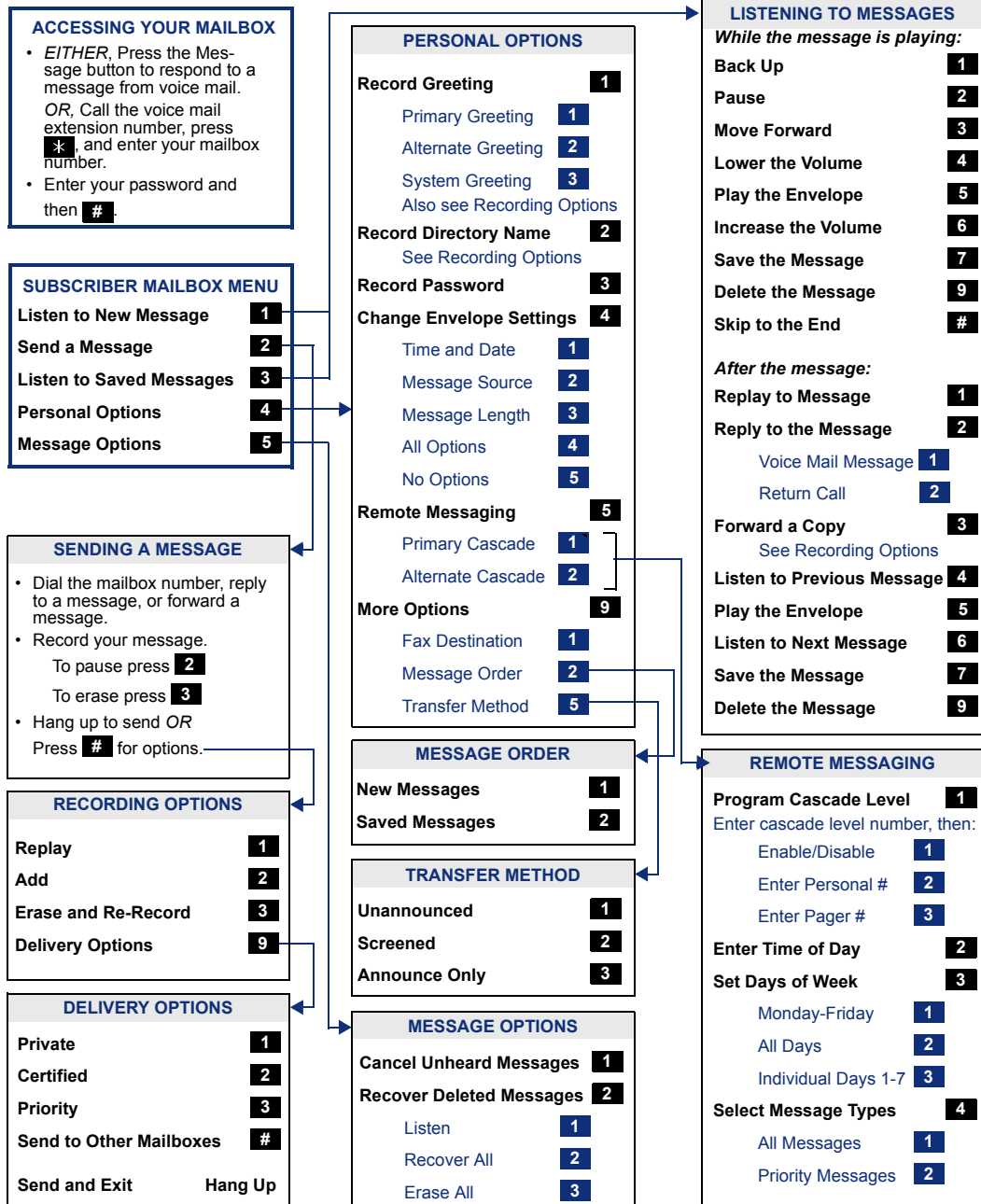
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NOTE: At any menu level, you can press ***** to cancel or return to the previous menu or press **#** to accept.



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