

DEFINITY® Communications System Generic 2 and System 85

7406 Plus Voice Terminal User's Guide



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HEARING AID COMPATIBILITY

This equipment is compatible with the inductively coupled hearing aids prescribed by the Federal Communication Commission (FCC).

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Your 7406 Plus Voice Terminal

The 7406 Plus voice terminal is available in two models: one with a display and one without a display. The display adds some functionality, but both models are designed so that you can conveniently use the features of the AT&T Definity® Communications System Generic 2 and System 85.

The display-equipped 7406 Plus voice terminal is shown and explained on the following pages. Both models (with display and without display) have the same button layout.

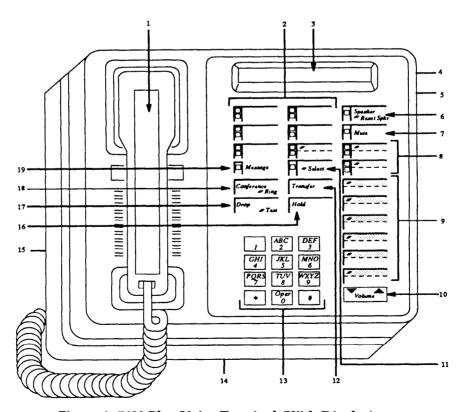


Figure 1. 7406 Plus Voice Terminal (With Display)

Starting at the upper left of Figure 1 and continuing clockwise:

1) Handset

For placing and answering calls. In most cases, you must lift the handset (go off-hook) before you can use a feature. Also known as the receiver.

2) Call appearances/ feature buttons

These 5 buttons may be used to handle incoming and outgoing calls (call appearances), labeled with an extension number. Each has a red in-use light to tell you the line is being used or that this is the line you will get when you lift your handset. The green status light next to each call appearance and feature button tells you the line or feature is being used.

3) Display

For showing information (2-line, 24-character display).

4) Speakerphone/ headset adapter jack (on back of terminal) For connecting an external speakerphone or a headset adapter to your voice terminal. Located on the back of your voice terminal, labeled

5) Line jack (on back of terminal)

For connecting a line cord to your voice terminal. Located on the back of your voice terminal, labeled "LINE."

6) Speaker/ Reset Spkr button

For accessing the speaker *or* the built-in speakerphone and microphone combination. When you touch [-select] and [speaker-Reset_Spkr] you hear a series of tones as the speakerphone performs an acoustic test of the environment and adjusts the speakerphone to the surrounding environment for optimal performance. When the tones stop, the speakerphone is ready for use.

Note: Your voice terminal can be set for either the Speaker (listen-only) feature *or* the Speakerphone (listen and talk) feature. Check with your System Manager to see how your Speaker button is to be used.

7) Mute button

For turning off the microphone of the built-in speakerphone or the handset so the other person cannot hear you.

Note: If your voice terminal is set for the Speaker (listenonly) feature, pressing the Mute button will affect only the handset. When the Speaker feature is in use, the Mute light will always be on.

8) Two-level feature buttons (with lights)

These 3 feature buttons access 2 features, one printed on the top half of the label and one printed on the bottom half of the label. Each has a green light beside it so that you know when it is active. In order to access the top feature, press [-select] and then the feature button.

9) Two-level feature buttons

Each of these 6 buttons accesses 2 features, one printed on the top half of the label and one printed on the bottom half of the label. You can access the top feature by pressing [__Select] and then the feature button.

10) Volume control button

For adjusting the volume of the built-in speakerphone when you are using the speakerphone and a call is in progress, or for adjusting the volume of the tone ringer when you are not using the speakerphone.

11) Select button

Can be used in 4 different ways:

- 1) Used with a 2-level feature button to access the toplabeled feature
- 2) Used with [Drop-Test] to initiate a self-test of your voice terminal
- 3) Used with [conference-Ring] to select your own personalized ring from among 8 available patterns
- 4) Used with | Speaker-Reset Spkr | to perform an acoustic test of the environment and adjust the speakerphone to the surrounding acoustic environment for optimal performance (for built-in speakerphone option only).

12) Transfer button

For transferring a call to another voice terminal.

13) Dial pad

The standard 12-button pad for dialing phone numbers and accessing features. The letters "Q" and "Z" have been added to the appropriate dial pad keys for directory access, and the "5" button on your dial pad has raised bars for visually-impaired users.

14) Microphone

For Speakerphone operation. Used when the Speakerphone option is set and Speaker button is depressed.

15) Handset jack

For connecting the handset cord to the voice terminal. Located on the back of your voice terminal, labeled.

16) Hold button

For putting a call on hold.

17) Drop/Test button

For disconnecting from a call or dropping the last party added to a conference call. When used with <code>[-select]</code> you can perform a self-test of your voice terminal button lights, tone ringer, and display, if you have one.

18) Conference/Ring button

For setting up conference calls. When used with [-Select], you can select a personalized ringing pattern for your voice terminal.

19) Message light

For indicating when a message has been left for you (steady red light).

The following optional modules are compatible with the 7406 Plus voice terminal:

500A Headset Adapter Provides a dual-purpose switch that turns on the adapter

connecting the headset to the voice terminal. Pressing the ON switch is equivalent to going off-hook with the handset, and pressing the OFF switch is equivalent to going on-hook with the handset. Plugs into the speakerphone/headset

adapter jack.

7400B Data Module Provides data capability to the attached DCP voice terminal.

It also provides integrated simultaneous voice data

communications over standard twisted-pair wiring. Plugs

into the line jack.

S101A and S201A Speakerphone Provides total voice terminal operation without using the handset. Turning on the speakerphone is equivalent to going off-hook when placing or answering a call and turning off the speakerphone is equivalent to going on-hook. A mute switch is provided to temporarily cut off transmission to the distant caller. Plugs into the speakerphone/headset adapter jack.

A Quick Look at the Features

Here are brief descriptions of some features, including what each one does and how you might want to use it. The first features are voice features followed by display features.

Voice Features

Abbreviated Dialing (AD) Allows you to store selected telephone numbers as 3 or fewer digits for quick and easy dialing. Each number can be a complete or partial telephone number, an extension number, or a trunk or feature code. There are 3 possible types of lists — personal, group, and system — and you can have a total of 3 lists. Numbers on a personal list are programmable by you; numbers on all other lists are programmable only by the System Manager. Use this feature as a timesaver for dialing frequently called, lengthy, or emergency numbers. **Note:** Check with your System Manager for the types of lists you have and how many of each.

Automatic Callback Sends you a special 3-burst ring tone indicating that a previously busy extension is now available. Use to avoid constant redialing when you want to speak to someone who is frequently busy on the telephone. **Note:** You can use this feature only for extensions, not outside numbers.

Bridging Permits you to answer or join calls to someone else's extension by pressing a bridged appearance button on your voice terminal. This button can be any call appearance labeled with another user's primary extension number, as assigned to you by your System Manager. Use to assist in handling calls for a designated co-worker.

Call Coverage Provides automatic redirection of certain calls to your voice terminal for answering. (Your System Manager determines which calls will be sent to you.) Use to answer calls for other extensions for whom you provide coverage. Call Coverage can also automatically redirect your calls when your voice terminal is busy, you are out of the office, or you have pressed the Send All Calls button.

Call Forwarding — **Busy/Don't Answer** Temporarily forwards all your calls to another extension or to the attendant if your voice terminal is busy or you do not answer your calls within a preset number of rings. Use when you want your calls to be forwarded to a telephone number of your choice.

Call Forwarding — **Follow Me** Temporarily forwards all your calls to another extension or to an outside number, depending on your system. Use when you want your calls to be automatically forwarded to a telephone number of your choice.

Call Park Puts a call on hold at your voice terminal, for retrieval at any extension. Use when you need to go elsewhere to get information during a call, or whenever you want to complete a call from a different location. Also, if the call received is for someone else, use it to hold the call until the called party can answer from the nearest available voice terminal.

Call Pickup Lets you answer a call at your voice terminal for another extension in your pickup group. Use when you want to handle a call for a group member who is absent or otherwise unable to answer. **Note:** You can use this feature only if you and the called party have been assigned to the same pickup group by your System Manager.

Conference Allows you to add a third party to a call, so that you can conduct a 3-way conversation. (If you want to conference more than 3 parties, call your attendant for assistance.) Use to set up time-saving conferences, or to spontaneously include a third party important to a discussion.

Drop Disconnects from a call without requiring you to hang up the handset or press the switchhook. Can also be used with the Conference feature to disconnect the last party added. Use whenever you want to continue using the handset for another action after ending a call.

Hold Puts a call in a holding state until you can return to it. While a call is on hold, you can place another call, activate another feature, answer a waiting call, or leave your voice terminal to do another task. Use when you have a call that you don't want to drop, but have to interrupt briefly to do something else.

Intercom (Automatic/Dial) Gives you quick access to specified voice terminals. With Automatic Intercom, you can call predetermined persons by pressing a single feature button. With Dial Intercom, you can call any member of a predetermined group by pressing a feature button and then dialing the group member's 2- or 3-digit code.

Last Number Dialed Automatically redials the last number you dialed, either an extension or an outside number. Use to save time in redialing a busy or unanswered number. Available with DEFINITY Generic 2 and System 85 R2V4 and some R2V3 systems. Check with your System Manager to see if the feature is available in your system.

Leave Word Calling (LWC) Leaves a message for another extension to call you back. The called party will be able to dial message center, AUDIX, or a covering user to retrieve a short, standard message that gives your name and extension, the date and time you called, and the number of times you called. Use any time you want to have someone call you back; it will help cut down on repeated call attempts.

Message Lets you know that a caller has left a message for you when the message light goes on. You can then follow your System Manager's local message retrieval procedures to get your message. See the **Message Retrieval** procedures under the **Display Features** heading.

Mute Allows you to turn off the microphone of the speakerphone or the handset so that the caller cannot hear you.

Priority Calling Allows you to call another extension with a distinctive 3-burst ring to indicate that your call requires immediate attention. Use when you have important or timely information for someone.

Reset Speakerphone Initiates an acoustic test of the surrounding acoustic environment by using a sequence of tones. When the tones stop, your speakerphone has finished adjusting itself for optimal performance. It is now ready for use. Use whenever you move your voice terminal to a different location (even in the same room), or whenever the light next to [Speaker-Reset Spkr] is fluttering.

Select Button Used in any of 4 different ways:

- 1) When used with a feature button, you can access the top-labeled feature on two-level buttons. Use whenever you need to access one of these top-labeled features.
- 2) When used with \[\partial_{\textit{Drop-Test}}\]\] you can perform a self-test of your voice terminal's lights, ringer, and display.
- 3) When used with [conference-Ring] you can select your own personalized ring from among 8 available patterns. Use to distinguish your ring from that of other nearby voice terminals.
- 4) When used with [Speaker-Reset Spkr] the built-in speakerphone performs a test of the surrounding acoustic environment to provide optimal speakerphone performance. Use whenever you move your voice terminal to a different location (even in the same room), when the voice terminal is unplugged, or when there has been a power failure. When any of these three things happen, the light on this button will flutter to notify you that the sound level and quality needs to be reset.

Self-Test Allows you to test the operation of the lights, ringer, and display of your voice terminal.

Send All Calls Temporarily sends all your calls to the extension of a person designated to answer them when you cannot (perhaps a secretary or receptionist). Use when you will be away from your desk for awhile, or when you do not want to be interrupted by telephone calls.

Speaker In the listen-only mode, allows you to place calls or access other voice features without lifting the handset when speaker is off. However, in order to speak to the other party, you must lift the handset. Use with features that require listening *only*, such as on-hook dialing, monitoring calls on hold, and retrieving messages.

Note: Your voice terminal has either the Speaker (listen-only) or the Speakerphone function. In either case, you will have simply a $\lceil s_{peaker-Reset \, Spkr} \rceil$ button. Check with the System Manager.

Speakerphone Allows you to place *and* answer calls or access other voice features without lifting the handset. When used with <code>[Select]</code>, the built-in speakerphone performs a test of the surrounding acoustic environment by using a sequence of tones. When the tones stop, your speakerphone has finished adjusting itself for optimal performance. It is now ready for use. Use the built-in speakerphone any time you prefer hands-free communication, both speaking and listening or for group conference situations. **Note:** Your voice terminal may be set for the Speaker (listen only) rather than the Speakerphone (listen and speak) feature. In either case you will have simply a <code>[Speaker-Reset_Spkr_]</code> button. Check with the System Manager.

Terminal Busy Indication Provides a visual indication of the busy (off-hook) or idle (on-hook) status of a specified voice terminal. Use this information when servicing calls for another person. For example, if you are a secretary servicing your supervisor's calls, use this feature to see whether your supervisor's extension is busy or idle.

Transfer Transfers a call from your voice terminal to another extension or outside number. Use when your caller needs to speak further with someone else. **Note:** Calls from an outside number to your voice terminal can be transferred only to an extension, **not** to another outside number.

Display Features

Note: These features can be used *only* with a voice terminal with a display.

Date/Time Shows you the date and time. Use as a handy calendar and clock.

Inspect Shows you call-related information for an incoming call when you are already active on a call. Use to identify and screen new calls.

Message Retrieval Allows you to retrieve messages left for you that have lit your message light. Will also let you retrieve messages for other voice terminals not equipped with a display (if you are authorized as a systemwide message retriever by your System Manager). Use to quickly and conveniently check messages, even when you are already on a call.

Normal Identifies current call appearance, calling/called party, and calling/called number. Use to see who is calling you and, when placing a call, to verify the number you have dialed.

Timer Allows you to measure elapsed time. Use to keep track of time spent on a call or task.

How to Use the Features

Many features are available for use with your 7406 Plus voice terminal. Because no organization can use all of the available features, each organization must choose those that best suit its needs. After the choices have been made, the person within your organization who manages your telecommunication system must do any necessary administration and label the feature buttons on individual voice terminals. This System Manager can tell you how to use the features that have been administered for your particular voice terminal. The procedures that follow give instructions for using some of the more frequently used features. Features are listed alphabetically.

Special Instructions

The first time you use these procedures, you will need to customize them for yourself. Your System Manager can supply the information required.

- To the right of each feature name is a box. For each feature that you have, mark a [✓] in the box if the box is blank. Voice features (Conference, Drop, Hold, Mute, Message, Select Button, Select Ring, Self-Test, and Transfer) and display features (Message Retrieval and Normal) are already marked for you. Ask your System Manager if your voice terminal is set for the Speaker (listen only) or the Speakerphone (speak and listen) feature, and then place a check in the box beside that feature also.
- Most of the voice features can be activated or canceled by dialing 2- or 3-digit codes (if they are not already assigned to a button). In the blanks provided within the procedures, write in the feature code numbers.
- To use a voice feature you must have the handset off-hook (that is, you must pick up the handset or turn on the speakerphone, if you have one) unless you are instructed to remain on-hook in the procedures. You can activate and cancel most of the voice features by dialing 2- or 3-digit codes (if they are not already assigned to a button). Write the feature code numbers in the blanks provided within the procedures. These codes are unique to your system; see your System Manager for the codes or to obtain more information.
- System 85 exists in several versions. In some cases, a feature operates differently with one version than it does with another; where this occurs, the procedures include a release (R) and version (V) notation. Be sure to follow the directions corresponding to the release and version you are using. Ask your System Manager if you do not know the release and version you have.

Note: You must press [-select] before you use any of the top labeled features on 2-level feature buttons. Also, if you receive an **intercept tone** (high-pitched, alternating high and low tone) while attempting to operate any feature, you have taken too much time to complete a step, have made a dialing error, or do not have the feature available to you. If appropriate, hang up or press [Drop], get dial tone, and begin at the first step.

Conventions

Feature xxxxx

The following conventions are used in the procedures:

Italic procedure steps Procedural steps in italic type are steps that you should

follow if you do not have a button assigned for the

feature.

A box representing a call appearance that is used

exclusively for placing, receiving, or holding calls. The button has a red in-use light and a green status light.

| Feature | and | Boxes representing buttons that have features assigned

to them. The buttons are labeled with the feature name,

sometimes followed by an extension number or a

person's name.

[<u>DISPLAY INFORMATION</u>] A box containing fully capitalized words represents

information shown on the display.

[feedback tone] The tone appearing in brackets after a step indicates

what you hear after successfully performing that step.

For more information, see **Tones and Their Meanings** and **Key Words to Know** at the end of this guide.

Quick-Reference Lists

At the end of this guide is a set of quick-reference lists. Use the lists to record your feature and trunk codes, Abbreviated Dialing personal list items, and frequently called miscellaneous extensions. Once you have completed the lists, flip to that page as needed, or make a photocopy and keep it handy.

Voice Features

Note: When placing and answering calls or using the voice features, you have the option of doing so off-hook (by lifting the handset) or on-hook (by pressing | Speaker-Reset Spkr |). If your voice terminal is set for the Speakerphone feature, pressing | Speaker-Reset Spkr | simultaneously activates the built-in microphone so that you can place and answer calls without lifting the handset.

Abbreviated Dialing (AD)

Note: If you hear the intercept tone while programming, start over from the beginning. Abbreviated Dialing buttons must first be assigned by your System Manager.

To program or reprogram an outside number, extension, or feature code into a personal list

- 1 On a separate sheet of paper, jot down the outside numbers, extensions, and feature codes you want to program as items on your personal list (see example)
- Press [Program] (while off-hook)
 or dial Abbreviated Dialing program code (while off-hook)
 [confirmation tone]

Personal List 1
Item Number
1 9-555-4280 (home)
2 ext 6344 (quard)
3 9-919-755-0000 (print shop)
4 + 60 (msq retrieval)

- 3 Press [Personal List]
 or dial personal list code
- 4 Dial desired list item number (for example, 0-9, 01-95, and so on, depending on list size) [dial tone]
- 5 Dial outside number, extension, or feature code you want to store
- 6 Press [Personal List]
 or press [#]

[confirmation tone]

- Number is stored
- Repeat steps 3 through 6 if you want to program additional items on the same list
- 7 Hang up or press [Drop] to end programming
 - If you want to continue programming, begin again at step 1 to program another personal list

Note: Record your personal list items on the Abbreviated Dialing list in the back of this guide; group and system lists are available from the controller of the list or from your System Manager.

To place a call using a personal, group, or system list	rsonal, group, or or dial appropriate Abbreviated Dialing list code (while		
v		• Personal [dial tone]	
		• Group [dial tone]	
		• <i>System</i> [dial tone]	
	2	Dial desired list item (1, 2, 3, 01, 02)	
		• Stored number is automatically dialed	
To program an Abbreviated Dialing (AD) button	1	Press [Program] (while off-hook) or dial the Abbreviated Dialing program code (while off-hook) [confirmation tone]	
	2	Press selected [AD XXXXX]	
3		Dial the outside number, extension, or feature code you want to store	
	4	Press [AD XXXXX] again [confirmation tone	
	5	Hang up or press [Drop] to end programming	
To see number stored on an Abbreviated	1	Press selected [AD XXXXX] while on-hook • Stored number is shown	
Dialing (AD) button	2		
	۵	Press Normal to return to normal display or repeat step 1 to see another number	
To place a call using an Abbreviated Dialing (AD) button	1	Press selected [AD XXXXX] (while off-hook) • Call is automatically dialed	

Automatic Callback

To automatically place another call to an extension that is frequently busy

- 1 Press [Auto_Callback] before or during call attempt
 [dial or confirmation tone]
 or dial Automatic Callback code before call attempt _____
 [dial tone]
 - If you have an [Auto Callback] button, green light goes on until callback is completed or canceled
- 2 Hang up (within 7 seconds) or press [Drop]
 - You will receive a 3-burst priority ring when both your voice terminal and the called extension are idle
- 3 Lift handset when you hear priority ring [ringback tone]
 - A call is automatically placed to called extension, which receives regular ringing

Note: Only one Automatic Callback call at a time can be placed, and Automatic Callback is canceled after 20 to 40 minutes if the callback call is unanswered.

To cancel Automatic Callback

- 1 Press [Auto Callback] again (while off-hook)
 or dial Automatic Callback cancel code (while off-hook)
 [confirmation tone]
 - Green light goes off

Bridging

To answer a bridged call

1 Press [xxxxx] of bridged call

Note: If your voice terminal has Ringing Appearance Preference, this step is not necessary; you will automatically be connected to the call when you lift the handset.

2 Pick up handset

To prevent other bridged voice terminals from entering a call (on a per-call basis) 1 Press [Exclusion xxxxx] while connected to the call Note: Pressing [Exclusion xxxxx] again reactivates bridging.

Call Coverage

To answer a call for a co-worker for whom you are a coverage point 1 Press $\lceil xxxxx \rceil$ of incoming call when ring begins or green light flashes

Note: The call is *not* at your voice terminal until the light is flashing.

To leave a message telling a co-worker to call the original caller's extension 1 Press [Coverage Callback] while connected to the call [confirmation tone]

Note: To leave a message telling a co-worker to call *you*, activate Leave Word Calling instead.

To talk privately with a co-worker after answering a redirected call 1 Press [Transfer] Or [Conference-Ring]

[dial tone]

- · Call is temporarily put on hold
- Press [Consult] [priority ring to co-worker] or dial co-worker's extension

[single-burst ring to co-worker]

Note: You can privately discuss call; if co-worker is not available, press the fluttering [xxxxx] to reconnect to call.

If your co-worker has activated Send All Calls, you must use [consult] to reach your co-worker.

3 Press [Transfer] again to send call to co-worker or press [Conference-Ring] to make it a 3-party call

Call Forwarding — Busy/Don't Answer

To activate Call
Forwarding —
Busy/Don't Answer

Note: To find out which type of Call Forwarding [Call Forward] activates, contact your System Manager.

- 1 Press [Call Forward] (while off-hook)
 or dial Call Forwarding Busy/Don't Answer code
 (while off-hook) ______ [dial tone]
- 2 Dial extension where calls will be sent [confirmation tone]

Note: If you hear intercept tone, you are attempting to forward your calls to a restricted telephone, a telephone with Call Forwarding — Follow Me activated, or a telephone in another partition or group (if you are in a tenant services environment). See your System Manager for more information.

3 Hang up or press [Drop]

To cancel Call Forwarding — Busy/Don't Answer

- 1 Press [call Forward | again (while off-hook)
 or dial Call Forward cancel code (while off-hook)
 [confirmation tone]
- 2 Hang up
 - Your calls will ring at your own voice terminal again

Call Forwarding — Follow Me

To temporarily redirect all calls to an extension or outside number of your choice

Note: To find out which type of Call Forwarding [Call Forward] activates, contact your System Manager.

- 1 Press [Call Forward] (while off-hook)
 or dial Call Forwarding Follow Me code (while off-hook)
 ______ [dial tone]
- 2 Dial extension or number where calls will be sent [confirmation tone]

Note: You may hear a half ring for each call forwarded after you have activated this feature and hung up. Also, some voice terminals may have restrictions on where calls can be forwarded; see your System Manager.

To cancel Call Forwarding — Follow Me

- 1 Press [call Forward] again (while off-hook)

 or dial Call Forward cancel code (while off-hook)

 ________ [confirmation tone]
- 2 Hang up
 - Your calls will ring at your own voice terminal again

Call Park

To park a call (for retrieval at any extension)

- 1 Press [Transfer] [dial tone]
 - Second party is temporarily put on hold
- 2 Press [Call Park]
 or dial Call Park trunk code _____ [dial tone]
- 3 Dial the Call Park zone number [confirmation tone]
- 4 Dial an idle answer-back channel number [confirmation tone]
- 5 Press [Recall]
- 6 Press [Transfer] [ringback tone]
- 7 Hang up
 - Held party is transferred to the answer-back channel and hears ringback tone (or music) while waiting

To retrieve parked call from any extension

- 1 Dial Call Park answer-back code _____ [dial tone]
- 2 Dial channel number where call was parked [confirmation tone]

Note: If you receive intercept tone, parked call has been disconnected or retrieved by another party.

Call Pickup

To answer a call to a member of your pickup group when your voice terminal is idle

- 1 Press [Call Pickup] (while off-hook) or dial Call Pickup code (while off-hook)
 - You are connected to ringing call

To answer a call to your pickup group while on another call

- 1 Press [Hold]
 - Present call put on hold
- 2 Press an idle call appearance

[dial tone]

- 3 Press [Call Pickup]
 or dial Call Pickup code _____
 - Called voice terminal stops ringing
 - You are connected to ringing call

Note: To return to held call after completing present call, press fluttering $\lceil xxxxx \rceil$.

Conference



To add a third party to a call

1 Press [Conference-Ring]

[dial tone]

- Present call temporarily put on hold and you are given a new call appearance
- 2 Dial number of third party and wait for answer

Note: You can privately discuss the call with the third party at this time; if no answer or busy, press fluttering [xxxxx] to return to the original party.

- 3 Press [Conference-Ring] again
 - All parties now connected

To add a call you've put on hold to another call you're connected to 1 Press [Conference-Ring]

[dial tone]

- 2 Press [xxxxx] of first call
- 3 Press [conference-Again] again
 - All parties now connected

To drop a third party

- 1 Press [Drop]
 - You remain connected to original party

Drop



To disconnect from a normal call, or to drop the last party added to a conference call Press [Drop]

Hold



To keep a call waiting while you answer another call, make a call, or perform some other task

- 1 Press [Hold]
 - Green light flutters

Note: If you put a conference call on hold, the other parties remain connected.

To answer a new call while active on another

- 1 Press [Hold]
 - Green light flutters
- 2 Press $\lceil xxxxx \rceil$ of incoming call
 - You are connected to incoming call

To return to a held call

- 1 Press [xxxxx] of held call
 - You are connected to held call

Note: If you are active on a call and you press the $\lceil xxxxx \rceil$ of the held call, the active call will be dropped.

Intercom (Automatic/Dial)



To make a call to your predetermined Automatic Intercom partner

- 1 Press [lcom Auto xxx] (while off-hook)
- [ringback tone]

G

Intercom ring is sent

To dial a call to a member of your Dial Intercom group

1 Press [Loom Dial xxx] (while on-hook)

[dial tone]

- 2 Dial group member's 1- or 2-digit code [ringback tone]
 - Intercom ring is sent

To answer any intercom call

- 1 Pick up handset and press [lcom]
 - You are connected to call

Note: If you are active on another call, first press $\lceil \underline{\text{Hold}} \rceil$, then press flashing $\lceil \underline{\text{Lcom}} \rceil$.

Last Number Dialed

To automatically redial the last number you dialed (extension, outside number, or trunk/feature code)

- 1 Press [Last Dialed] (While off-hook)
 or dial Last Number Dialed code (While off-hook)
 - Number is automatically dialed (up to 20 digits)

Note: Available with DEFINITY Generic 2 and System 85 R2V4 and some R2V3 systems. Check with your System Manager to learn if the feature is available on your system.

Limitations on this feature should be noted. Digits dialed via Abbreviated Dialing, feature dial codes, authorization codes, and Station Message Detail Recording (SMDR) account codes are NOT retained in memory and must be redialed for each call.

To see the number you last dialed (you must have a voice terminal with a display and you must be on-hook)

- 1 Press [Last Dialed] (while on-hook)
 - Last number dialed is shown

Leave Word Calling (LWC)

To leave a message after dialing an extension (when call is not answered, or you hear a coverage or busy tone)

Note: You must have a [Lwc] button.

- 1 Press [<u>Lwc</u>] any time after you complete dialing [confirmation tone]
 - Message light on called voice terminal goes on (if so equipped)

Note: If reorder tone is heard, message is not stored; try again.

To leave a message without ringing an extension

- 1 Press [Lwc] or dial Leave Word Calling code _____ [dial tone]
 - Dial extension [confirmation tone]
 - Message light on called voice terminal goes on (if so equipped)
- 3 Hang up or press [Drop]

To cancel a Leave Word Calling message (you cannot cancel messages for an AUDIX subscriber) 1 Press [Cancel LWC] (while off-hook)
or dial Leave Word Calling cancel code (while off-hook)
[dial tone]

2 Dial extension

[confirmation tone]

• Message is deleted

Note: If reorder tone is heard, message is not deleted; try again.

Message



To retrieve a message when your message light is on

1 See the **Message Retrieval** procedures under the **Display Features** heading

or

Ask your System Manager for local retrieval methods

Mute



Note: Use the Mute button in one of the following ways.

- When you are talking on the handset, the Mute feature affects the handset rather than the speakerphone attached to the voice terminal.
- If your voice terminal has the Speakerphone feature, use the Mute button to turn off the microphone associated with the built-in speakerphone *or* the handset.
- If your voice terminal has the Speaker (listen-only) feature, the Mute button turns off only the handset. The Mute light will go on whenever the speaker goes on.

This feature has no effect on an external speakerphone attached to the voice terminal.

To prevent other party from hearing you

- 1 Press [Mute]
 - Red light goes on and other party cannot hear you
- When you are ready to resume conversation with other party, press [Mute] again
 - Red light goes off and other party can hear you again

Note: The Mute feature turns off automatically when you hang up, or switch from the speakerphone to the handset or from the handset to the speakerphone.

When the voice terminal is set for the Speaker (listenonly) feature, the light next to [Mute] will go on whenever the speaker is activated.

Priority Calling



To place a priority call (3-burst ring)

- 1 Press [Priority] (while off-hook) or dial Priority Calling code (while off-hook)
- [dial tone]

2 Dial extension

To change a regular call into a priority call (3-burst ring) when you hear a call-waiting ringback tone

- 1 Press [Priority]
 - Called party receives a priority call-waiting tone (3-burst ring)
- 2 Wait for called party to answer

Note: If you still receive a call-waiting ringback tone, wait a few minutes and try again.

Reset Speakerphone



Note: If you are uncertain whether your voice terminal is set for Speaker (listen only) or Speakerphone (listen and talk), check with your System Manager. Use the following procedures if your voice terminal is set for the Speakerphone (listen and speak feature).

Note: When used with <code>[-select]</code>, the built-in speakerphone performs a test of the surrounding acoustical environment to provide optimal speakerphone performance. Use the Reset Speakerphone feature when you move your voice terminal to a different location (even in the same room), when the terminal is unplugged, or when there has been a power failure. If any of these things happen, the light on this button will flutter to notify you that the sound level and quality needs to be reset. If you find the green light next to <code>[Speaker-Reset Spkr]</code> fluttering when you return to your office, the voice terminal may have lost power (for example, by being unplugged or due to a power failure). In this case, you will need to readjust the speakerphone's sound level and quality again.

You can initiate the Reset Speakerphone feature when your handset is on-hook, or during a call in which you are using the built-in speakerphone in the unlikely event that your speakerphone makes a squealing noise. If a call is in progress, you will *not* hear the tones, and the sound quality is reset *only* for the duration of that call. Reset Speakerphone should be used again after hanging up from the call.

To adjust the speakerphone's sound quality to the room acoustics

Ensure that the front of the voice terminal is not blocked in any way and that the voice terminal is on a flat smooth surface

- 2 Press [-Select]
 - Green light next to [-select], goes on steadily
- $3 \quad Press \; \lceil \underline{\text{Speaker-Reset} \; \; \text{Spkr}} \; \rceil$
 - Green light next to [-Select], goes off
 - Green light next to [Speaker-Reset_Spkr] Iflutters intermittently
 - You hear a series of tones as the speakerphone performs an acoustic test of the environment. When the tones stop, your built-in speakerphone is ready for use.



To use any of the features that require the Select button

- 1 Choose any of the following after pressing [-select]:
 - Press [Drop-Test] to initiate a self-test of your voice terminal lights, ringer, and display, if you have one. For procedures, see "Self-Test" in this section.
 - Press [Conference-Ring] to select one of 8 personalized ringing patterns for your voice terminal. For procedures, refer to "Select Ring" in this section.
 - Press [Speaker-Reset Spkr] to adjust the sound level and quality of your built-in speakerphone. Use whenever you move your voice terminal to a different location (even in the same room), when the terminal is unplugged, or when there has been a power failure. For procedures, refer to "Speakerphone" in this section.
 - Press a 2-level feature button to access the top-labeled feature. Use the procedure below.

To use the Select button to access the top-labeled feature on 2-level buttons

- 1 Press [-select] to access any of the top labeled features on buttons with split labels
 - Green light goes on
- 2 Press the split-labeled button whose top feature you wish to use

Note: When you press the chosen feature button, the green light for $\lceil -\text{Select} \rceil$ automatically goes off; begin again at Step 1 to use another top-labeled feature.

Select Ring and Ringer Volume



To select a personalized ring

- 1 Press [-Select] (while on-hook)
 - Green light goes on
- 2 Press [Conference-Ring]
 - Green light next to [-Select] flutters
 - Current ring pattern plays and repeats every 4 seconds
 - If you have a display, it shows
 [PERSONAL RING #x] (x will be a number from 1 to 8)
- 3 Continue to press [conference-Ring] to cycle through all 8 ringing patterns
- 4 When you hear the desired ringing pattern, press [-Select] again
 - Your new ring is set. Light next to [-Select] goes off

Note: If you receive a call, go off-hook, or lose power *during* selection, process is interrupted and you must begin again. If you lose power *after* selection, you will also have to select your ring pattern again.

To adjust ringer volume if necessary

- 1 To raise the volume, press the right half of the Volume control button labeled [\blacktriangle]. To lower the volume, press the left half of the Volume control button labeled [\blacktriangledown].
 - If you have a display, it shows [RINGER L>>>> H] (There are 8 possible volume settings. On the display, 1 arrow is the lowest setting, and 8 arrows is the highest setting)

Self-Test



To test lights, ringer, and display of your voice terminal

- 1 Press [-select] (while on-hook or off-hook)
 - Green light goes on
- 2 Press and hold [Drop-Test]
 - Ringer sounds
 - All lights go on
 - Display is activated
- 3 Release [Drop-Test] to end test
 - Ringer and lights return to pretest state. Green light next to [-select] goes off.

Note: If ringer or lights do *not* respond during test, notify your System Manager.

Send All Calls

To send all incoming calls (except priority, intercom, and personal central office calls) immediately to an assigned extension, AUDIX, or message center for coverage Press [Send All Calls] (while on-hook or off-hook)

or lift handset and dial Send All Calls code

[confirmation tone]

Note: You may hear a half ring as each call is sent to coverage if you have a DEFINITY Generic 2 or System 85 R2V4.

To send an assigned group of extensions (except priority, intercom, and personal central office calls) immediately to an assigned extension, AUDIX, or message center for coverage

1 Press [SAC Group] (while on-hook or off-hook) [confirmation tone]

To cancel Send All Calls or SAC Group

Press [Send All Calls] or [SAC Group] again (while on-hook or off-hook)
or lift handset and dial Send All Calls cancel code

[confirmation tone]

• Your calls ring at your own voice terminal again

Speaker

Note: Your voice terminal is set for either the Speaker (listen-only) *or* the Speakerphone (listen and talk) function. Check with your System Manager to see which of these two features you can use. You can use Reset Spkr feature to adjust the sound level and quality of your speakerphone *only if* your voice terminal is set for Speakerphone (listen and talk).

Use the following procedures if your voice terminal is set for the Speaker (listen only) feature.

To place a call without lifting the handset, or to use speaker with any listening-only feature activity (such as monitoring a call on which you have been put on hold or for retrieving messages)

- 1 Press [Speaker-Reset Spkr]
 - Green light next to [Speaker-Reset Spr] goes on; red light next to [Mute] goes on
- 2 Place call or access selected feature
- 3 Adjust speaker volume if necessary
 - To raise the volume, press the right half of the Volume control button, labeled [▲]; to lower the volume, press the left half of the Volume control button, labeled [▼]

Note: In order for the other party to hear you, you must speak through the handset.

If you have a display, it shows
 [SPEAKER L >>>> H] (There are 8 possible volume settings. On the display, 1 arrow is the lowest setting, and 8 arrows is the highest setting)

To mute the microphone associated with the handset so the other party cannot hear you

1 Press [Mute]

- Red light goes on and other party cannot hear you Press [Mute] again to resume talking to the other party through handset
- Red light goes off and other party can hear you again

To activate the speaker while using the handset

1 Press [Speaker-Reset Spkr]

- Green light next to [Speaker] and the red light next to [Mute] go on steadily
- The speaker is active and the handset is turned off

To turn off speaker and return to handset

1 Pick up the handset

To end a call (while handset is on-hook and only speaker is active)

- 1 Press [Speaker-Reset Spkr]
 - Green light next to $\lceil s_{peaker-Reset_Spkr} \rceil$ and red light next to $\lceil Mute \rceil$ go off

Speakerphone

Note: If you are uncertain whether your voice terminal is set for the Speaker button listen-only) feature or the Speakerphone (listen and talk) feature, check with your System Manager. Use the following procedures if your voice terminal is set for the Speakerphone (listen and talk) feature.

For directions on using the Reset Speakerphone feature, see "Reset Speakerphone" in this section.

To place/answer a call without lifting the handset, or to use speakerphone with any feature

- 1 Press [Speaker-Reset Spkr]
 - Green light goes on steadily
- 2 Place or answer call, or access selected feature
- 3 Adjust speakerphone volume if necessary
 - To raise the volume, press the right half of the Volume control button labeled [▲]; to lower the volume, press the left half of the Volume control button labeled [▼]

• The display shows [SPEAKER L>>>> H] (There are 8 possible volume settings. On the display, 1 arrow is the lowest setting, and 8 arrows is the highest setting)

Note: The Volume control does *not* affect an external speakerphone attached to your voice terminal.

To prevent other party from hearing you

Note: If the Speakerphone feature is not active, the Mute feature turns off the microphone associated with the handset (not the speakerphone).

- 1 Press [Mute]
 - Red light goes on and other party cannot hear you
- 2 Press [Mute] again to resume talking to party
 - Red light goes off and other party can hear you again

To change from speakerphone to handset

- 1 Pick up handset and talk
 - Green light goes off next to [Speaker-Reset Spkr]

To change from
handset to
speakerphone

- 1 Press [Speaker-Reset Spkr]
 - Green light goes on next to [Speaker-Reset Spkr]
- 2 Hang up handset

To end a call

- 1 Press [Speaker-Reset Spkr] again to hang up
 - Green light next to [Speaker-Reset Spkr] goes off

Terminal Busy Indication

To see if the specified voice terminal is busy or idle

- 1 Look at the Terminal Busy Indication status light
 - The light will be on if the terminal is busy and off if the terminal is idle

Transfer



To send present call to another extension or outside number 1 Press [Transfer]

[dial tone]

- Present call put on hold and you are given a new call appearance
- 2 Dial extension or number to which the call is to be transferred [ringback tone]
 - Remain on the line and announce call if desired; if no answer or number dialed is busy, return to held call by pressing its call appearance
- 3 Press [Transfer] again
 - Call is sent to dialed extension or number
- 4 Hang up or press [Drop]

Display Features

On/Off

The display is on when the voice terminal is on and off when the voice terminal is off.

Normal Mode

In the normal mode, the display shows call information for the current active call appearance:

- You may have as many as 5 call appearances. Beginning with the first button in the upper left corner of your faceplate and going down, the display identifies the first 3 buttons as $\bf a$ through $\bf c$; the 2 buttons in the second column are identified as $\bf d$ and $\bf e$. When the display shows [$\bf a = \bf b$], it represents call information for the first call appearance. The next button down would be shown as [$\bf b = \bf b$], and so on, continuing through [$\bf e = \bf b$] if all 5 of these buttons are used for call appearances.
- When you dial an extension, that number is shown and then replaced by the called party's name and extension.
- When a call is received from another extension, the caller's name is shown (or the caller's extension if a name is not administered); when a call is received from outside, [OUTSIDE CALL] or a trunk identifier is shown.
- The display remains in normal mode until you activate one of the other display features. After using any of these features, return to normal mode by pressing [Normal].

Date/Time

To see date and time

- 1 Press [Date/Time]
 - Display returns to normal mode after a few seconds

Inspect

To see	who's	calling
while o		

- 1 Press [Inspect]
 - Name and number of caller are shown if from extension; [<u>OUTSIDE CALL</u>] or other trunk source is shown if from outside
- $2\quad \text{Press $\lceil \text{Normal} \rceil$ to return to display for present call}$

To see who's on hold while on a call

- 1 Press [Inspect]
- 2 Press $\lceil xxxxx \rceil$ of held call
 - You remain connected to present call

To answer a new call while on a call

- 1 Press [Normal] (if not already in normal mode)
 - Finish present call or put on hold
- 2 Press [xxxxx] of new call

Message Retrieval



To see your messages when your message light is on (while onhook, off-hook, or on a call)

- 1 Press [Message Retrieve]
- 2 Press [Next Message] to see first message (and then for each following message)

To return a call to a message sender

- 1 Pick up handset or activate speakerphone [dial tone]
- 2 Press [Return_Call] while any part of message is shown

To erase a message

1 Press [Delete] while any part of message is shown

To see a principal's (co-worker's) messages (can be during a call with principal)

- 1 Select an idle [xxxxx] button, or put principal on hold and select an idle [xxxxx] button [dial tone]
- 2 Press [Covr Msg Retrieve]
- 3 Dial principal's extension

Note: You must first
be designated as a
system-wide message
retriever by your
System Manager or
principal must have
Message Retrieval
coverage that allows a
coverage point to
retrieve messages.

- 4 Press [Next Message] to see the first message (and then for each following message)
- 5 Press held $\lceil \underline{xxxxx} \rceil$ to give them their messages, if appropriate

To return a call for the principal to the displayed extension (while on a call with principal)

- 1 Press [Transfer]
 - Principal is put on hold
- 2 Press [Return Call] While any part of message is shown
- 3 Press [Transfer]
 - Principal is connected to call

To erase a message

1 Press Delete while any part of message is shown

Normal



To return to normal display after using any display feature

- 1 Press [Normal]
 - Display will show call information for active call appearance

Timer

To see elapsed time (hours, minutes, seconds)

- 1 Press [Timer]
 - Green light goes on
- $2 \quad \text{Press } \lceil \, \text{\tiny Timer} \, \rceil$ again to stop timer and clear display
 - Green light goes off

Tones and Their Meanings

Ringing tones are produced by an incoming call. **Feedback tones** are those that you hear through the handset (receiver) or the speaker, if you have one.

Ringing Tones

- 1 ring A call from another extension.
- 2 rings A call from outside or from the attendant.
- **3 rings** A priority call from another extension, or a call from an Automatic Callback call that you placed.
- half ring A call redirected from your voice terminal to another because Send All Calls or Call Forwarding Follow Me is active.
- **intercom ring** A call directed to you by the Intercom feature.

Feedback Tones

• busy tone — A low-pitched tone repeated 60 times a minute; indicates that the number dialed is in use.

- call-waiting ringback tone A ringback tone with a lower-pitched signal at the end; indicates that the extension called is busy, but the called party has been given a call-waiting tone.
- **confirmation tone** 3 short bursts of tone; indicates that a feature activation or cancellation has been accepted.
- **coverage tone** 1 long burst of tone; indicates that your call will be sent to another extension to be answered by a covering user.
- **dial tone** A continuous tone; indicates that dialing can begin.
- intercept/time-out tone An alternating high and low tone; indicates a dialing error, a denial of the requested service, or a failure to dial within a preset interval (usually 10 seconds) after lifting the handset or dialing the previous digit.
- **recall dial tone** 3 short bursts of tone followed by a steady dial tone; indicates that the feature request has been accepted and dialing can begin.
- **reorder tone** A fast-busy tone repeated 120 times a minute; indicates that all trunks are busy.
- **ringback tone** A low-pitched tone repeated 15 times a minute; indicates that the number dialed is being rung.

Key Words to Know

access code See feature code.

activate To begin or turn on the operation of a feature.

attendant The person who handles incoming and outgoing calls at the main telephone console.

AUDIX Audio Information Exchange, an optional voice mail and message service that provides coverage for calls to you by recording callers' messages and reporting Leave Word Calling messages.

call appearance A button used exclusively to place, receive, or hold calls. It has an assigned extension number and is equipped with a red light and a green light.

coverage Automatic redirection of calls from an unanswered voice terminal to another voice terminal or answering service. Redirection could be to the extension of a receptionist, secretary, co-worker, AUDIX, or message center. A person who provides coverage is a covering user.

DEFINITY® Communications System Generic 2 The AT&T switch to which you may be connected. It transmits and receives voice and data signals for all communications equipment in your network. (See also **System 85.**)

dial pad The 12 pushbuttons you use to dial a number and access features.

extension A dialing number of 3 to 5 digits assigned to each voice terminal connected to your DEFINITY® Generic 2 or your System 85.

feature A special function or service, such as Conference, Hold, and Send All Calls.

feature code A dial code of 1, 2, or 3 digits (4 digits in System 85 R2V4), that you use to activate or cancel the operation of a feature.

group list One of the 3 types of Abbreviated Dialing lists; programmable by the System Manager or a controller of the list. Contains telephone numbers useful to members of a specific group, and stored as 1- or 2-digit list items, depending on the number of members in the list.

handset The hand-held part of the voice terminal that you pick up, talk into, and listen from. Also known as the receiver.

message retriever A person authorized by the System Manager to retrieve messages for other users (coverage message retriever).

off-hook When the handset is removed from the cradle (for example, when you lift the handset to place or answer a call) or speakerphone is ON.

on-hook When the handset is left on the cradle or speakerphone is OFF.

party A person who places or answers a call.

personal list One of the 3 types of Abbreviated Dialing lists; programmable by the System Manager or by you, the user. Contains telephone numbers of your choice, and stores each of them as a 1- or 2-digit list item, depending on the number of members in the list.

personal list item One of the slots on an Abbreviated Dialing personal list.

pickup group A group of telephone users who can answer calls for each other through the Call Pickup feature. Group members are determined by the System Manager and are usually located in the same work area or perform similar job functions.

priority call An important or urgent call that sends a special 3-burst ring and does not redirect to coverage or forward to designated alternative number.

program/reprogram To use your dial pad to assign a telephone number to a personal list item for Abbreviated Dialing. Programming is activated by dialing an access code.

retrieve To collect telephone messages using your local retrieval methods. (Also, with Call Park, to resume a call from an extension other than the one where the call was first placed or received.)

ringer The device that produces the electronic ringing sound in your voice terminal.

Ringing Appearance Preference If your voice terminal is assigned Ringing Appearance Preference, you will automatically be connected to an incoming call when you lift the handset. You *do not* have to press a call appearance.

stored number A telephone number that has been programmed and stored as a 1-, 2-, 3-, or 4-digit list item for use with Abbreviated Dialing. It can be a complete or partial telephone number, an extension number, or a trunk or feature code. Once programmed, a number can be accessed by first dialing the list, then the list item digit(s) under which it is stored. If the number is stored on an <code>AD xxxxx</code> button, the number can be accessed by simply pressing that button.

switch The device that makes connections for all voice and data calls for a network, and also contains software for features. Also known as a system, switching system, or PBX (private branch exchange). Your switch is an AT&T **DEFINITY**®

Communications System Generic 2 or an AT&T System 85.

System 85 The AT&T switch to which you may be connected. It transmits and receives voice and data signals for all communications equipment in your network. (See also **DEFINITY® Communications System Generic 2.)**

system list One of the 3 types of Abbreviated Dialing lists; programmable only by the System Manager. Contains telephone numbers helpful to all system users.

System Manager The person responsible for specifying and managing the operation of features for all the voice and data equipment in your network.

trunk A telecommunications channel between your switch and the local or long-distance calling network or to another switch. Trunks of the same kind connecting to the same endpoints are assigned to the same trunk group.

trunk code A dial code of up to 4 digits in that you dial to access a trunk group to place an outside call.

voice terminal A telephone equipped with an array of specially designed features (for example, administrable buttons) and functional capabilities that distinguish it from a conventional telephone.

Quick-Reference Lists

F	eatu	re (Codes
Feature	Code		
ABBREVIATED DIALING Personal			
Group			
System			I.A
Program			L.F.
AUTOMATIC CALLBACK			LE
Cancel			
CALL FORWARDING — BUSY/DON'T ANSWER			
Cancel			
CALL FORWARDING — FOLLOW ME			
Cancel			

Feature	Code
CALL PARK	
Answer Back	
CALL PICKUP	
LAST NUMBER DIALED	
LEAVE WORD CALLING	
Cancel	
PRIORITY CALLING	
SEND ALL CALLS	
Cancel	

Trunk Codes		
Description	Code	

Miscellaneous		
Description	Extension	
Message		
Attendant		
AUDIX		

	Abbreviated	Dialing
Item No.	Personal List 1	Personal List 2
1		
2		
3		
4		
5		
6		
7		
8		
9		
0		