

# Symbol<sup>®</sup>

## MiNet Wireless Phone

USER GUIDE

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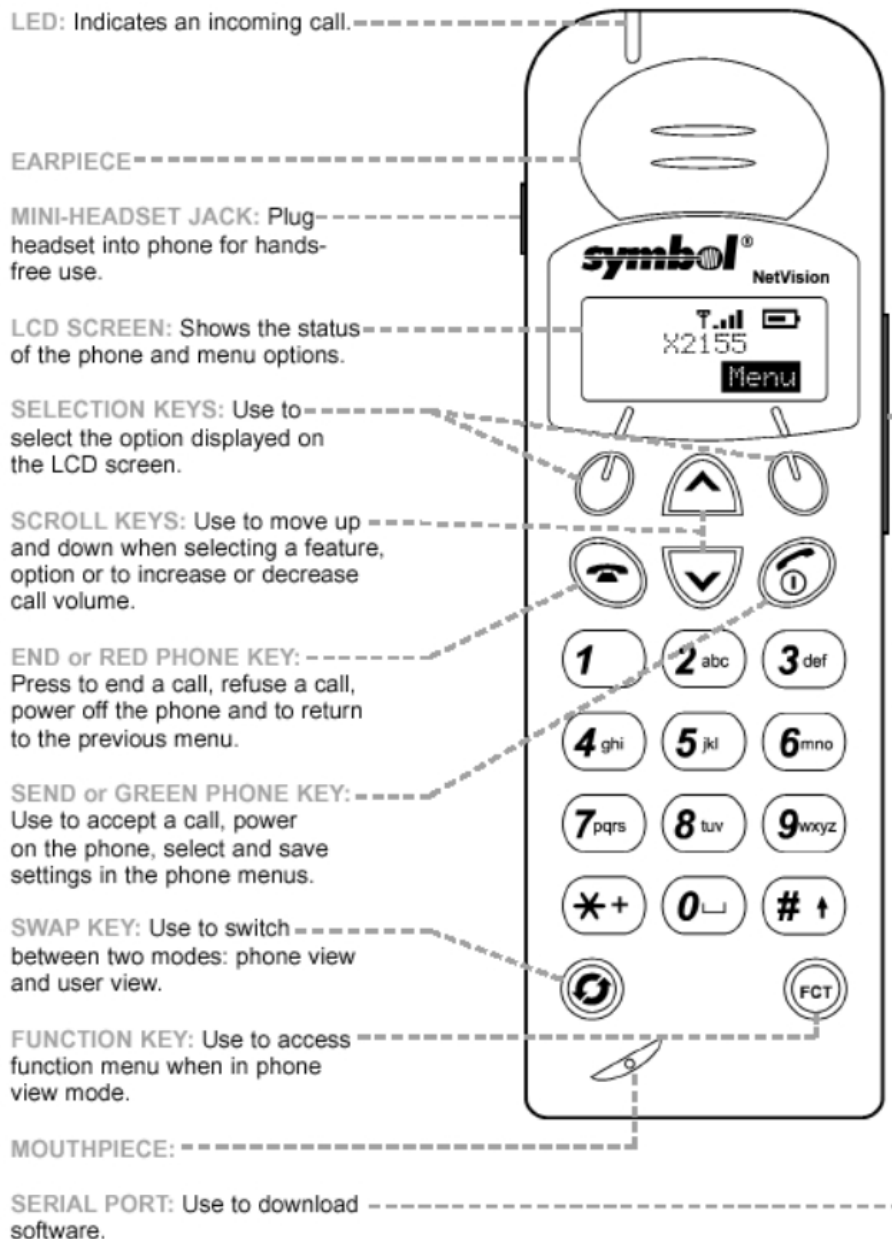
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# ABOUT YOUR PHONE

The Symbol MiNET Phone--or NetVision Phone (NVP)--provides on-site, wireless voice communication capability. The NVP performs like a cellular phone. Before use, the NVP requires configuration to the local network by the System Administrator.



## **Softkeys**

The NVP softkeys appear as text on the LCD screen; they correspond to features or options that you select by pressing the Selection keys.

## **BATTERY OPERATIONS**

Fully charge the battery before initial use of the NVP. Charge the battery attached or detached from the phone.

## Charging the Battery

When charging the battery attached to the phone, turn off the phone before inserting it into the charger. Place the battery or battery and phone combination into the charger. The LED indicators on the charger indicate the following:

**GREEN LED** indicates a fully charged battery.

**RED LED** indicates the battery is charging; wait until the LED changes to green before using battery.

**AMBER LED** indicates the charger is waiting to charge the other battery.

The charger charges the phone first. The charging cycle for the other device starts when the first cycle finishes.

## Removing the Battery

Remove the battery by depressing the catch on the back of the phone and pulling the top of the battery away from the phone.

**Note:** When the battery latch is opened you will find the part number, serial number and manufacturing and regulatory information located on the inside compartment.

## Replacing the Battery

Replace the battery in the phone by aligning the feet on the battery with the notches on the phone. Push the top of the battery into the phone until the latch clicks.






# BASIC FUNCTIONS


Basic Functions introduces you to tasks, such as:

- Power On
- Power Off
- Login
- Logout
- LCD Icons
- Make a Call
- Receive a Call
- End a Call
- Using Speak@Ease
- Redial
- Speed Call
- Adjust Call Volume
- Keyguard

## Power On

Press  to power on the NVP. The NVP LCD briefly displays the firmware version. After powering on (Personal Mode) and logging in (Shared Mode), two screen modes are available: *Phone View* (the time and date screen) and *User View* (the softkey menu screen).


### Phone View:


You make and answer calls from *Phone View*. Press  to access features such as Transfer/Conference and Hold. .

### User View:

*User View* provides access to phone settings such as ring tone and display contrast.

## Power Off

From User View, press and hold . If the key is released before the boxes on the LCD screen are cleared, the phone will remain ON. The LCD screen clears and the phone powers off.

**Note:** To use the  key to power off, place the phone in User View.

## Login



There are two different status displays, Shared Mode and Personal Mode.

### Personal Mode:

A phone configured for Personal Mode automatically logs in and displays the time and date when powered on, indicating an IDLE state.

### Shared Mode:

If your phone is configured in Shared Mode, a User Login screen displays.


1. Enter your user login (directory number).
2. Press .
3. Enter your user PIN.
4. Press .

**Note:** Obtain a User Login (usually a one to seven digit DN) and password (PIN) from the System Administrator.

## Logout

*To logout of the network:*

**Note:** From Phone View press  to return to the User View.

1. From the User View, select **Menu**.
2. Use the scroll keys to locate "Logout."
3. Press  to logout. "User Login" displays on the LCD screen.

**Note:** Only users with a Shared Mode configured phone can logout of the SX-200.

## LCD Icons



**Signal Strength Indicator:** Shows the RF signal strength from the access point.



**"X":** Indicates that the phone is not associated. Note: When the phone is not associated, it will beep three times and turn off after 5 minutes.



**Battery Charge Indicator:** When the battery is low, the battery indicator will begin to flash and the phone will beep once.



## Make a Call

**Note:** Place the phone in Phone View to make a call or accept an incoming call.

*To place a call to another dialable endpoint (for example, wireline IP phone, wireless phone, TDM device):*


- Enter the number.

## Receive a Call

**Note:** Place the phone in Phone View to make a call or accept an incoming call.

For an incoming call, the caller ID feature identifies callers, before the call is answered.

*To accept an incoming call when there is no active call taking place:*

- Press .

## End a Call

*To end a call:*


- Press .

*The LCD screen displays IDLE state (Phone View).*

## Using Speak@Ease

**Note:** The NVP must be enabled to use Speak@Ease . If "SPEZ" is not displayed in the Phone View or when **SUPERKEY** is selected, Speak@Ease is not available. Contact your System Administrator for more information.



1. In Phone View, press the left-hand softkey, **SPEZ**.  
*The phone displays a DN followed by "Speak."*
2. Follow the voice prompts.

**Note:** This procedure is the same when you have activated **SUPERKEY** using the  key.

## Redial

**Note:** Feature access codes are programmed at the SX-200 and are unique to each customer environment. Contact the System Administrator for specific feature access codes.


*To redial the last number manually dialed:*

1. Press the .
2. Press the scroll key to locate "Redial."
3. Press  to redial the number.


## Speed Call

**Note:** Personal Speed Call lists must be configured by the System Administrator.


*To store a personal Speed Call number:*

1. Press .
2. Enter "Personal Speed Call" feature access code, **51**.
3. Enter an index number 1, 2 or 3 (this is the location on the Speed Call list).

**Note:** *The index number does not appear on the screen.*

4. Enter "9" or other digit(s) used to access an outside line (if required) followed by enter the telephone number to be stored.
5. Press  to save.

*To dial a stored personal Speed Call number:*

1. Press .
2. Enter "Personal Speed Call" feature access code, **52**.
3. Enter the location of the stored number (a location/index number 1, 2, or 3).

**Note:** *The index number does not appear on the screen.*

## Adjust Call Volume


When in an active call, adjust the earpiece volume of the current call using the scroll keys.

1. Select the Down Scroll key.
2. Adjust Level using Up and Down scroll keys.  
*Volume can be adjusted from Level 0 (low) to Level 15 (high).*

## Keyguard

Lock the keypad in order to prevent accidental phone operation and unnecessary battery power consumption. Any incoming call can be answered (using the green off-hook button) and ended (using the red on-hook button) without unlocking the keypad. All other keys are disabled, unless you return to User View and turns off Keyguard. The keypad reverts locked after the call is completed.

### *To lock keypad:*

1. From User View, select **Menu** and scroll to "Keyguard."
2. Press . "Keys Locked" displays on the LCD screen.  
-OR-
3. Select Menu and press \*.  
*"Keys Locked" displays on the LCD screen.*

### *To unlock the keypad:*



- Press the **UNLK** softkey, and then \*.  
*"Keys Unlocked" displays on the LCD screen.*

# PHONE SETTINGS

Phone Settings allows you to set features, such as:



- Ring Type
- Ring Tone
- Key Volume
- Backlight
- Contrast

## Notes:

- To set phone settings, from User View, select **Menu**, followed by **Settings**, and then press .
- To return to the previous menu, press .
- To scroll through options in the **Settings** menu, press the Up and Down arrow keys.




## Ring Type

*To set the volume of the ring for incoming calls:*

1. Select "Ring Type" from the **Settings** menu and then press .
2. Use the scroll keys to display the ring type options: LED, Beep, Vibrate or All (the phone beeps, LED flashes and vibrates).  
*When the selection displays, a sample of the option is given.*
3. Press .
- "Ring Type Configured" displays on the LCD screen.*
4. Return to the Main settings display by pressing the top left hand key.



## Ring Tone

*To set the ring tone for incoming calls:*

1. Select "Ring Tone" from the **Settings** menu, and then press .
2. Use the scroll keys to display the ring tone options: Tone 1 to Tone 6.  
*When the selection displays, a sample of the option is given.*
3. Press .
- "Ring Tone Configured" displays on the LCD screen.*
4. Press  to return to main menu.



## Key Volume

*To set the volume level:*

1. Select **Key Volume** from the **Settings** menu, and then press .
2. Use the scroll keys to display the key volume options: Off , Low or High.  
*When the selection displays, a sample of the option is given.*
3. Press .
- "Key Volume Configured" displays on the screen.*



## Backlight

*To set the LCD screen to illuminate in the dark:*

1. Select **Backlight** from the **Settings** menu, and then press .
2. Use the scroll keys to display the backlight options: Off, On, Auto.
3. Press .
- "Backlight Configured" displays on the LCD screen.*

## Contrast

*To set the contrast level of the LCD screen to suit various lighting conditions:*

1. Select **Contrast** from **Settings** menu, and then press .
2. Use the scroll keys to adjust the contrast slider from Level 0 (light) to Level 15 (dark).
3. Press .
- "Contrast Configured" displays on the LCD screen.*



# CALL OPERATIONS

Call Operations introduces you to the following features:







- Transfer Call
- Conference Call
- Hold
- Off Hold
- Cancel
- Message Waiting
- Call Park
- Call Pickup
- Campon
- Paging - PA
- Paging - Direct
- Paging - All Set
- Paging - Group
- SUPERKEY
- Agent Login
- Call Forwarding
- Call Forward - I'm Here
- Timed Reminder
- Advisory Messages
- Do Not Disturb
- Night Service
- Set Password
- Account Codes

## **Notes:**

- Feature access codes are programmed at the SX-200 and are unique to each customer environment. Contact your System Administrator for specific feature access codes.
- Call operations can only be accessed from Phone View.






## Transfer Call

*To transfer an active call:*

1. Press .
2. Use the scroll keys to locate "Trans/Conf."
3. Press  to select **Trans/Conf**.
4. Dial the number of the third party.
5. Do one of the following:
  - To complete the Transfer, press .
  - To announce the Transfer, wait for an answer, consult and press .
  - To swap between the incoming call and the called user during the transfer, press the left-hand softkey (TRD).
  - To cancel the Transfer, press , use the scroll keys to locate **Cancel**, and then press .

## Conference Call

*To form a conference when a two party call is already in place, or to add another party to an existing conference:*


1. Press .
  2. Use the scroll keys to locate "Trans/Conf."
  3. Press  to select **Trans/Conf**.
  4. Dial the number of the next party.
  5. Wait for an answer.
  6. Press  and scroll to **Trans/Conf**.
  7. Press .
- Callers are now in a three-way call (conference).*
8. Press  to leave a conference call.

**Note:** The two original callers can split the conference and speak privately by pressing the left-hand softkey. This places the last conferenced party on hold. The Split Conference softkey feature is only available when there is a three party conference.

*To split a conference and speak privately to the first party:*

- Select **Split**, and then press .

*To swap (switch) between parties in a conference:*



- Select **TRD**, and then press .

*To re-establish the conference following a split or swap :*

1. Press .
2. Scroll to locate "Trans/Conf," and then press .


## Hold

*To place a call on hold:*

1. Press .
2. Use the scroll keys to locate "Hold".
3. Press  to select **Hold**.



## Off Hold

*To take a call off of hold:*

1. Press .
2. Use the scroll keys to locate "Off Hold."
3. Press  to select **Off Hold**.



## Cancel

*To return to the main screen:*



1. Press .
2. Use the scroll keys to locate "Cancel."
3. Press  to select **Cancel**.

## Message Waiting

*To respond to a message waiting on your telephone:*

1. Press .
2. Use the scroll keys to locate "Message."
3. Press .
4. To display the caller's name and the time the message was sent, select the **More** softkey.
5. Perform the following when applicable:
  - To call the message sender, select the **Call** softkey.
  - To delete the message, select **Del** softkey.

*To leave a message waiting indication on a telephone when you hear busy or ringback tone:*

1. Press .
2. Use the scroll keys to locate "Message."
3. Press .

## Messaging - Callback

*To leave a callback message for another extension user:*


- Select **CLBK**, and then press .

## Call Park


*To park a call:*

1. Press .
2. Use the scroll keys to locate "Trans/Conf."
3. Press  to select **Trans/Conf**.
4. Dial **33**.
5. Hang up.

*To retrieve a parked call from your phone:*

1. Press .
2. Dial **08**.
3. Dial your extension number.

*To retrieve a call parked by another extension:*


1. Press .
2. Dial **23**.
3. Dial the number of the extension that parked the call.

## Call Pickup

*To answer a call that is ringing at another extension in your Pickup Group:*

1. Press .
2. Press the **Pickup** softkey.



*To answer a call that is ringing at a extension not in your Pickup Group:*

1. Press .
2. Dial **09**.
3. Dial the number of the ringing extension.

## Call Park - Destination Phone

Call Park - Destination Phone allows you to park an answered call on another phone. If a parked call is not retrieved after a specified length of time, a reminder occurs.

*To park an active call on another phone:*

1. Press .
2. Use the scroll keys to locate "Trans/Conf."
3. Press  to select **Trans/Conf**.
4. Dial **62**, and then dial the extension of the destination phone.  
If the call is parked successfully, dial tone, busy tone or a page occurs. If the call is not parked, reorder tone occurs.

*To retrieve a call parked on another phone:*

- Do one of the following:
  - Press the flashing **Call Park** feature key.
  - Dial **22**.

## Call Park - Specific Orbit

Call Park - Specific Orbit allows you to park a call in a specific orbit by entering a two-digit (01-25) orbit number. See "Programming a Feature Key" for information on assigning this feature to a Personal Key.

*To park a call in a specific orbit:*

1. Press the **System Park** feature key.
2. Dial a two-digit Orbit Number (01-25).  
If the selected orbit already has a parked call, press the **Number** or **Num** softkey, and then enter another orbit number.

## Campon

*To campon to a busy extension:*


- Press the **Wait** softkey.

*To retrieve a call when you hear Campon tone:*

- Press the **TRD** softkey.


## Paging - PA

*To use Paging:*

1. Press .
2. Do one of the following:
  - To page the default zone, dial **12**.
  - To page a specific zone, dial **13** followed by the zone number (0-9).
3. Make the announcement.


## Paging - Direct

*To page an extension that has Whisper Announce or Off-Hook Voice Announce enabled:*

1. Press .
2. Dial **48**.
3. Dial the extension number.
4. Page the called party.

## Paging - All Set

*To page all telephones simultaneously through their speakers:*

1. Press .
2. Dial **48**.
3. Press **\***.
4. Page the called party.

## Paging - Group



*To page all extensions in a paging group simultaneously through their speakers:*

1. Press .
2. Dial **48**.
3. Press **#**.

## SUPERKEY

**Note:** PBX specific features such as Call Forwarding and the access codes required to use them are programmed at the SX-200. The features and codes are unique to each customer environment. Contact your System Administrator for specific features and codes.

*To access PBX specific feature functionality:*

1. Press .
2. Use the scroll keys to locate "SUPERKEY."
3. Press .

Use the right-hand softkey to move through the list of SUPERKEY features. The right-hand softkey is used to say no to the feature displayed and move on to the next feature. To activate a feature use the left-hand softkey.



## Agent Login

*To invoke the Agent Login feature:*

1. Dial **38**.
2. Enter a valid agent ID.
3. Press the left-hand softkey; the phone displays the idle state for agent login.



## Call Forwarding

1. Access the SUPERKEY menu (press , scroll to "SUPERKEY", press  )
2. Scroll to locate "Call Forwarding".
3. Press the left-hand softkey.
4. Do one of the following:
  - Press the **Yes** softkey to program Call Forwarding for external calls.
  - Press the **No**, and then press the **Yes** softkey to program Call Forwarding for internal calls.
5. Press the **NXT** softkey until the desired type of Call Forwarding appears.
6. Press the **PRG** softkey.
7. Enter the number to which you want your calls forwarded.
8. Press the **SAV** softkey.
9. To program Call Forwarding for both external and internal calls, repeat the above steps for the type you have yet to program.

### *To turn Call Forward on and off (once it has been programmed):*

1. Access Call Forwarding.
2. Press the **NXT** softkey until the type of Call Forward appears.
3. Press the **CHG** softkey.
4. Do one of the following:
  - To turn Call Forward on, press the **ON** softkey.
  - To turn Call Forward off, press the **OFF** softkey.

### *To reprogram Call Forwarding:*

1. Access Call Forwarding.
2. Press the **NXT** softkey until the type of Call Forward appears.
3. Press the **CHG** softkey.
4. Do one of the following:
  - To turn Call Forward on, press the **ON** softkey.
  - To turn Call Forward off, press the **OFF** softkey.

*To immediately forward a call:*

- While the call is ringing, press the Fwd softkey.



**Note:** The **Fwd** softkey is available only if Call Forwarding is programmed and enabled.

## **Call Forward - I'm Here**

*To forward calls from a remote extension to your phone:*

1. Access Call Forwarding.
2. Press the **No** softkey until "I AM HERE" appears.
3. Press the **Yes** softkey.
4. Dial the number of the remote extension.
5. Press the **Sav** softkey.

*To cancel Call Forward - I'm Here from the phone that set it:*

1. Press .
2. Dial **07**.
3. Dial the number of the remote extension.
4. Press .

## **Intercom**


An Intercom call is a call between two extensions, which either pages or rings the called extension.

*To switch between a ringing intercom call to a paged intercom call:*


1. Make a call.
2. Dial **48**.

## Timed Reminder

*To program a Timed Reminder:*

1. Press the **No** softkey until "Timed Reminder" appears.
2. Press the **Yes** softkey.
3. Enter the time in HH:MM format (for example, 02:00 for 2 o'clock).
4. Press the right softkey to select AM or PM.
5. Press the **SAV** softkey.  
"Repeat Daily?" appears.
6. Press the **Yes** or **No** softkey.
7. To program additional timers, press the **NXT** softkey and then repeat the above steps.
8. Press the **SAV** softkey.
9. Press .

*To view, change, and/or cancel a pending Reminder:*

1. Press the **No** softkey until Timed Reminder appears.
2. Press the **Yes** softkey. Perform the following where applicable:
  - To change the Reminder, press the **CHG** softkey, enter the new time, and press the **SAV** softkey.
  - To cancel the Reminder, press the **DEL** softkey.
  - To exit without canceling the Reminder, press .
  - To acknowledge a Reminder when your phone rings once press the **CFM** softkey.

## Advisory Messages

*To turn Messaging - Advisory on:*

1. Press the **No** softkey until "Advisory Msgs?" appears.
2. Press the **Yes** softkey.
3. Press the **NXT** softkey until the desired message appears.
4. Press the **On** softkey.

*To turn Messaging - Advisory off:*

1. Press the **No** softkey until "Advisory Msgs?" appears.
2. Press the **Yes** softkey.
3. Press the **Off** softkey.

## Do Not Disturb

*To turn DND on:*

1. Press the **No** softkey until "Do Not Disturb?" appears.
2. Press the **On** softkey.

*To turn DND off:*



1. Press the **On** softkey until "Do Not Disturb?" appears.
2. Press the **Off** softkey.

## Night/Day Service Switching

Office telephone systems are often placed into Night Service after regular hours. Calls then ring alternate answer points--either designated extensions or a night bell. Extension users can dial the Trunk Answer From Any Station (TAFAS) code to answer calls ringing the night bell.



If permitted by system programming, you can put the system into Day service or one of two night service modes, Night1 or Night2.

*To switch between Night and Day Service using SUPERKEY:*

1. Access the SUPERKEY menu (press , scroll to "SUPERKEY", press  )
2. Scroll to locate "Night Service?".
3. Press the **Yes** softkey.
4. Press the **CHG** softkey.
5. Do one of the following:
  - Press the **Yes** softkey to select Night Service #1.
  - Press the **No** softkey to select Night Service #2.

## Account Codes

*To enter an Account Code during a call:*

1. Press .
2. Use the scroll keys to locate "SUPERKEY."
3. Press  to select **SUPERKEY**.
4. Press the **Yes** softkey.
5. Dial the Account Code digits.
6. Press the **SAV** softkey.
7. Perform the following where applicable:
  - For a verified account code, press the **Yes** softkey.
  - For a non-verified account code, press the **No** softkey.

**Note:** Account Code selection is only available when enabled by the System Administrator.











## **Park and Page**

With Park and Page, you can park a call and initiate a page all in one step. Park and Page options include

- Park and Page Set: After a call is parked, the system performs an all-set page.
- Park and Page Group: After a call is parked, the system pages your Paging Group.
- Park and Page: After a call is parked, you must enter the extension or Page Group number.
- Park and PA Page: After a call is parked, the you must enter a Paging Zone number (0-9).

See "Programming a Feature Key" for information on assigning this feature to a Personal Key.

*To park a call and page a call:*

1. Answer or make a call.
2. Perform one of the following:
  - To page all phones and the PA, press .
  - Use the scroll keys to locate "Trans/Conf."
  - Press  to select **Trans/Conf**.  
Dial **63** and dial \*.
  - To page all phones in a group and the PA, press .
  - Use the scroll keys to locate "Trans/Conf."
  - Press  to select **Trans/Conf**.  
Dial **63** and press #.
  - To page an extension number, press .
  - Use the scroll keys to locate "Trans/Conf."
  - Press  to select **Trans/Conf**.  
Dial **63** and dial the extension.
  - To page all phones in a specified group and the PA, press .
  - Use the scroll keys to locate "Trans/Conf."
  - Press  to select **Trans/Conf**.  
Dial **63** and dial the two-digit Page Group Number, then #.
  - To park a call in orbit and perform a PA Page to any or all nine Paging Zones, press .
  - Use the scroll keys to locate "Trans/Conf."
  - Press  to select **Trans/Conf**.  
Dial **64** and dial the Paging Zone number (0 for all zones, 1-9 for a specific zone)

**Note:** To Park and Page call using speed call keys, use **TRANS/CONF** to get dial tone before pressing a speed call key programmed with the Park and Page access codes plus the digits for the required paging option (for example, an extension number to page a single phone or \* to page all phones plus PA paging).

## **Phonebook**

*To access the Phonebook:*

1. Dial **65**.
2. Using the keypad, enter the name or extension of the person you wish to call.

**Note:** Only extensions that have a voice mailbox can be dialed using Phonebook.



## Call Monitoring

This feature allows you to monitor another extension user's phone conversation, either with or without the user's knowledge.



If your system is programmed to notify users that they are being monitored, they hear a beep when monitoring begins. Users that have a display telephone also see your name and extension number in the display for the duration of the call.

When monitoring a call, you can listen to the conversation but you can't speak to either party, and they can't hear you. However, you can join the conversation by forming a three-party conference

### A few conditions:

- The system may be programmed to disallow monitoring of any or all extensions.
- A user can only be monitored from one extension at a time. If you try to monitor someone who is already being monitored, you receive busy tone and BUSY appears in your display.
- If the user puts the caller on hold, transfers the call, or ends the call, you are disconnected and your monitoring session ends. Note that the system can be programmed to allow monitoring to continue while the call is on hold.
- While you are monitoring, you can't make or receive calls. Anyone who calls your telephone while you are monitoring receives busy tone. The caller can leave a callback, but is unable to camp on or override your monitoring session. If you want to place an outgoing call, you must first cancel your monitoring session.

### *To monitor a call:*

1. Press .
2. Dial **45** followed by the number of the extension you wish to monitor.  
If the user is not on the phone, you hear busy tone.
3. Press  to end the monitoring session.

**NOTE:** If you wish to continue monitoring after exiting the conference, you must set up the monitor again.

## Door Opener

Door Opener allows you to operate a third-party door opener. For example, when someone requires entry into a third-party building, a designated extension (or extensions) rings and on answering, the extension user can dial a feature access code to open the door.

*To use Door Opener:*

1. Press .
2. Dial **66**.

# PATENTS

This product is covered by one or more of the following U.S. and foreign Patents:  
U.S. Patent No.

4,593,186; 4,603,262; 4,607,156; 4,652,750; 4,673,805;  
4,736,095; 4,758,717; 4,760,248; 4,806,742; 4,816,660;  
4,845,350; 4,896,026; 4,897,532; 4,923,281; 4,933,538;  
4,992,717; 5,015,833; 5,017,765; 5,021,641; 5,029,183;  
5,047,617; 5,103,461; 5,113,445; 5,130,520; 5,140,144;  
5,142,550; 5,149,950; 5,157,687; 5,168,148; 5,168,149;  
5,180,904; 5,216,232; 5,229,591; 5,230,088; 5,235,167;  
5,243,655; 5,247,162; 5,250,791; 5,250,792; 5,260,553;  
5,262,627; 5,262,628; 5,266,787; 5,278,398; 5,280,162;  
5,280,163; 5,280,164; 5,280,498; 5,304,786; 5,304,788;  
5,306,900; 5,324,924; 5,337,361; 5,367,151; 5,373,148;  
5,378,882; 5,396,053; 5,396,055; 5,399,846; 5,408,081;  
5,410,139; 5,410,140; 5,412,198; 5,418,812; 5,420,411;  
5,436,440; 5,444,231; 5,449,891; 5,449,893; 5,468,949;  
5,471,042; 5,478,998; 5,479,000; 5,479,002; 5,479,441;  
5,504,322; 5,519,577; 5,528,621; 5,532,469; 5,543,610;  
5,545,889; 5,552,592; 5,557,093; 5,578,810; 5,581,070;  
5,589,679; 5,589,680; 5,608,202; 5,612,531; 5,619,028;  
5,627,359; 5,637,852; 5,664,229; 5,668,803; 5,675,139;  
5,693,929; 5,698,835; 5,705,800; 5,714,746; 5,723,851;  
5,734,152; 5,734,153; 5,742,043; 5,745,794; 5,754,587;  
5,762,516; 5,763,863; 5,767,500; 5,789,728; 5,789,731;  
5,808,287; 5,811,785; 5,811,787; 5,815,811; 5,821,519;  
5,821,520; 5,823,812; 5,828,050; 5,848,064; 5,850,078;  
5,861,615; 5,874,720; 5,875,415; 5,900,617; 5,902,989;  
5,907,146; 5,912,450; 5,914,478; 5,917,173; 5,920,059;  
5,923,025; 5,929,420; 5,945,658; 5,945,659; 5,946,194;  
5,959,285; 6,002,918; 6,021,947; 6,029,894; 6,031,830;  
6,036,098; 6,047,892; 6,050,491; 6,053,413; 6,056,200;  
6,065,678; 6,067,297; 6,082,621; 6,084,528; 6,088,482;  
6,092,725; 6,101,483; 6,102,293; 6,104,620; 6,114,712;  
6,115,678; 6,119,944; 6,123,265; 6,131,814; 6,138,180;  
6,142,379; 6,172,478; 6,176,428; 6,178,426; 6,186,400;  
6,188,681; 6,209,788; 6,209,789; 6,216,951; 6,220,514;  
6,243,447; 6,244,513; 6,247,647; 6,308,061; 6,250,551;  
6,295,031; 6,308,061; 6,308,892; 6,321,990; 6,328,213;  
6,330,244; 6,336,587; 6,340,114; 6,340,115; 6,340,119;  
6,348,773; D305,885; D341,584; D344,501; D359,483;  
D362,453; D363,700; D363,918; D370,478; D383,124;  
D391,250; D405,077; D406,581; D414,171; D414,172;  
D418,500; D419,548; D423,468; D424,035; D430,158;  
D430,159; D431,562; D436,104.  
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