Congratulations on your purchase of this VTech product. Before using this product, please read Important Safety Information on page 4 of this manual. Please thoroughly read this user’s manual for all the feature operations and troubleshooting information necessary to install and operate your product. For customer service or warranty service, please contact our regional offices or distributors in the country or region where you purchased your product.

Please note the serial number of your product, which can be found on the back of the deskset. Save your sales receipt and original packaging in case it is necessary to return your telephone for warranty service.
Important Safety Information

This symbol is to alert you to important operating or servicing instructions that may appear in this user’s manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. This product should be installed by a qualified technician.
2. This product should only be connected to the host equipment and never directly to the network such as Public Switch Telephone Network (PSTN) or Plain Old Telephone Services (POTS).
3. Read and understand all instructions.
4. Follow all warnings and instructions marked on the product.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
6. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
7. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
8. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied at the premises, consult your dealer or local power company.
10. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
11. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
12. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorised service facility. Opening or removing parts of the
telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.

13. Do not overload wall outlets and extension cords.

14. Unplug this product from the wall outlet and refer servicing to an authorised service facility under the following conditions:
   A. When the power supply cord or plug is damaged or frayed.
   B. If liquid has been spilled onto the product.
   C. If the product has been exposed to rain or water.
   D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorised technician to restore the product to normal operation.
   E. If the product has been dropped and the telephone base and/or handset has been damaged.
   F. If the product exhibits a distinct change in performance.

15. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.

16. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapours; etc.); a leak of natural gas; etc.

17. Only put the handset of your telephone next to your ear when it is in normal talk mode.

18. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

19. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

20. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
21. In wall mounting position, make sure to mount the telephone base on the wall by aligning the eyelets with the mounting studs of the wall plate. Then slide the telephone base down on both mounting studs until it locks into place. Refer to the full instructions in Deskset Installation in this user guide.

22. CAUTION: Keep small metallic objects such as pins and staples away from the handset receiver.

SAVE THESE INSTRUCTIONS
Declaration of Conformity

Hereby, VTech declares that this VSP716A is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
# User Guide

## VSP716A SIP Endpoint Deskset

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Introduction

This user guide contains detailed instructions for using your VSP716A deskset. Please read this guide before using your telephone.

Deskset features

The VTech VSP716A deskset is full-featured SIP endpoint business phone designed to work with popular hosted IP PBX services and on-premise SIP PBXs. Once you have ordered and configured your PBX service, the deskset enables you to make and receive calls as you would with any other business phone. The deskset provides calling features such as hold, transfer, conferencing, speakerphone, quick-dial numbers and one-touch voicemail access.

There are two ports, known as the Ethernet port and PC port, at the back of the deskset. The Ethernet port allows the VSP716A deskset to connect to the hosted IP PBX via a router. The PC port is for another device such as a personal computer to connect to the local area network through the deskset.

The VSP716A deskset supports paging and call transfers between system extensions and can connect you and two other parties on the same conference call.

The telephone also has two programmable keys. You or your system administrator can program these keys for functions such as quick dial, redial, Do Not Disturb, call forwarding, message retrieval, and call parking.

For more information about the programmable keys, see page 12.

The VSP716A IP Phone Features include:

- Backlit Liquid Crystal Display
- Speakerphone and Mute
- Up to 2 lines
- Up to 6 active calls
- 3-way conferencing
- 2 programmable keys
- Message waiting alert LED
- Dual 10/100 Mbps Ethernet ports
- Power over Ethernet enabled
- 1000-entry local directory
Quick Reference Guide

Front panel features

MESSAGE WAITING LED

SCREEN
Displays call information, soft key labels, and deskset menus.

SOFT KEYS
Perform the actions indicated by the on-screen labels.

HEADSET INPUT (on side)

SPEAKERPHONE MICROPHONE

SPEAKER
Press to turn the speakerphone on or off.

See next page
Programmable keys

The table below lists the default settings for the programmable keys. The key assignments on your phone may be different. Some keys may be programmed as Quick Dial keys, for example. Ask your system administrator about your phone’s programmable key configuration.

<table>
<thead>
<tr>
<th>Key Number</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Line 1*</td>
</tr>
<tr>
<td>2</td>
<td>Line 1</td>
</tr>
</tbody>
</table>

* Your system administrator can assign more than one key to a line. For example, you might be able to activate Line 1 with keys 1 and 2. Consult your administrator regarding your phone’s line configuration.
Quick Reference Guide

Programmable feature key lights

The programmable feature key lights indicate call status and other information, depending on how the key is configured.

<table>
<thead>
<tr>
<th>Key</th>
<th>Light Activity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line</td>
<td>Flashing ORANGE</td>
<td>Line is unregistered</td>
</tr>
<tr>
<td></td>
<td>Solid GREEN</td>
<td>On a call or dialing</td>
</tr>
<tr>
<td></td>
<td>Quickly flashing GREEN</td>
<td>Ringing incoming call</td>
</tr>
<tr>
<td></td>
<td>Slowly flashing GREEN</td>
<td>Held call</td>
</tr>
<tr>
<td>Shared line key</td>
<td>Steady ORANGE</td>
<td>The shared line is on a call</td>
</tr>
<tr>
<td></td>
<td>Slowly flashing ORANGE</td>
<td>The shared line is on hold</td>
</tr>
<tr>
<td>Do not disturb</td>
<td>Off</td>
<td>DND is off</td>
</tr>
<tr>
<td></td>
<td>Steady ORANGE</td>
<td>DND is on</td>
</tr>
<tr>
<td>Call forward</td>
<td>Off</td>
<td>Call forward is off</td>
</tr>
<tr>
<td></td>
<td>Steady ORANGE</td>
<td>Call forward is on</td>
</tr>
<tr>
<td>Busy lamp field</td>
<td>Off</td>
<td>Monitored phone is idle</td>
</tr>
<tr>
<td></td>
<td>Steady ORANGE</td>
<td>Monitored phone is on a call or has a held call</td>
</tr>
<tr>
<td></td>
<td>Quickly flashing ORANGE</td>
<td>The monitored phone is ringing</td>
</tr>
<tr>
<td></td>
<td>Flashing ORANGE</td>
<td>Registration error. See your system administrator.</td>
</tr>
<tr>
<td>Automatic Call Distribution</td>
<td>Quickly flashing GREEN</td>
<td>ACD agent “wrap up” state</td>
</tr>
<tr>
<td></td>
<td>Steady GREEN</td>
<td>ACD agent ready state</td>
</tr>
<tr>
<td></td>
<td>Slow Flash GREEN</td>
<td>ACD agent unavailable state</td>
</tr>
<tr>
<td></td>
<td>Steady ORANGE</td>
<td>ACD logged on</td>
</tr>
<tr>
<td></td>
<td>Slowly flashing ORANGE</td>
<td>ACD logged off</td>
</tr>
<tr>
<td></td>
<td>Quickly flashing ORANGE</td>
<td>ACD subscription error</td>
</tr>
</tbody>
</table>
Quick Reference Guide

Programmable key options

To configure your programmable keys, see “Configuring the programmable keys” on page 56.

- Line
- Directory—pressing the key displays the Directory menu.
- Call History—pressing the key displays the Call history menu.
- Redial—pressing the key displays the redial list.
- Messages—pressing the key displays the Message menu.
- Do Not Disturb—pressing the key enables or disables Do Not Disturb for Line 1 or Line 2.
- Call Forward All—pressing the key enables or disables Call Forward All. Ensure you have completed the Call Forward All settings. See “Using the Call menu” on page 38.
- Call Forward No Answer—pressing the key enables or disables Call Forward No Answer. Ensure you have completed the Call Forward No Answer settings. See “Using the Call menu” on page 38.
- Call Forward Busy—pressing the key enables or disables Call Forward Busy. Ensure you have completed the Call Forward Busy settings. See “Using the Call menu” on page 38.
- Quick Dial—pressing the key dials the number programmed for the key.
- BLF—Busy lamp field keys let you monitor activity at other phones. The key LED indicates call status. See “Programmable feature key lights” on page 13.
- ACD—If you are subscribed to this feature, pressing the Automatic Call Distribution (ACD) key displays the ACD state menu.
- Page—if this feature is enabled, press the Page key to call one or a group of phones. Your system administrator can configure a page to be automatically answered.
- Multicast Page—this feature allows you to call up to ten paging zones.
- Park Call—Dials the access code to park your current call.
- Retrieve Parked Call—Dials the access code to retrieve a parked call.
- In Call DTMF—Dials a string of numbers while you are on a call. For example, pressing the key might dial a conference access code.
- Call Return—Dials the number of the last missed call.
- Group Call Pickup—Dials the Group Call Pickup code, allowing you to answer a call ringing at another extension.
- Direct Call Pickup—Dials the Direct Call Pickup code, allowing you to answer a call ringing at a specific extension. After pressing the button, you may need to enter the extension number manually.
Deskset Installation

Overview

This section assumes that your network infrastructure is established and that your IP PBX service has been ordered and configured for your location.

Install the phone close to a router or network switch. You can power the phone using a compatible VTech power adapter or Power over Ethernet (PoE—Class 2). If you are not using PoE, install the phone near a power outlet not controlled by a wall switch. The phone can be placed on a flat surface or vertically mounted on the wall.

For customer service or product information, please contact your distributor or dealer.

Network requirements

A switched network topology is recommended for your LAN (using standard 10/100 Ethernet switches that carry traffic at a nominal rate of 100 Mbit/s).

The office LAN infrastructure should use Cat.-5/Cat.-5e cable.

The LAN connections to the deskset(s) should all be wired. However, wireless connections to other devices (such as laptops) in your office will not impede performance.

All desksets must reside on a single subnet. A Dynamic Host Configuration Protocol (DHCP) server is recommended and must be on the same subnet as the desksets so that IP addresses can be auto-assigned. In most cases, your network router will have a DHCP server. By default, the deskset has DHCP enabled for automatic IP address assignment.

Note: Some DHCP servers have default settings that limit the number of network IP addresses assigned to devices on the network. You should log in to your server to confirm that the IP range is sufficient.

If no DHCP server is present, you can assign static IPs to desksets. You can assign a static IP address using the deskset menus. Go to Admin settings > Network setting > Set static IP. See the Administrator and Provisioning Guide for more information. If you do not have a DHCP server or do not manually assign static IPs, you will not be able to access the WebUI and/or enable automatic time updates from an NTP server.

A DNS server is recommended to resolve the path to the Internet and to a server for firmware and configuration updates. If necessary, the system administrator can also download upgrade files and use the WebUI to update the deskset firmware and/or configuration settings manually.

For users whose computers require a GigE Ethernet frame rate (a gigabit per second), use separate Ethernet connections for the deskset and the computer. The Ethernet connection through a deskset is limited to 100 Mbits/s.
Location

Avoid placing the deskset too close to:

- Communication devices such as television sets, DVD players, or cordless telephones
- Excessive heat sources
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting
- Excessive dust sources such as a workshop or garage
- Excessive moisture
- Extremely low temperature
- Mechanical vibration or shock such as on top of a washing machine or work bench
Deskset Installation

Rear panel features

Connecting the phone

IMPORTANT INFORMATION
1. If you do not connect the deskset to a PoE-capable network router or switch, use only a compatible VTech power adapter (purchased separately from your distributor or dealer).

2. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

To install the phone:
1. If you plan to place the phone on a flat surface, attach the stand. Line up the tabs on the stand with the slots on the rear of the phone. Two sets of slots allow you to attach the stand at either a 45-degree or 35-degree angle.

2. Plug the end of the coiled handset cord into the Handset jack on the rear of the phone. Secure the cord by routing it through the slot and underneath the tab.
3. Plug one end of the Ethernet cable into the Ethernet port on the rear of the deskset (marked by 🔄), and plug the other end of the cable into your network router or switch.

**Note:** You may need to use a network switch connected to your router if your router does not have sufficient ports for the number of phones you want to install. If you use a network switch, connect the phone to the switch instead of the router in the previous step.

4. If the deskset is not using power from a PoE-capable network router or switch:
   a. Connect a compatible VTech power adapter to the deskset power jack.
   b. Plug the power adapter into an electrical outlet not controlled by a wall switch.

If there is a networked computer and no extra Ethernet wall jacks near the phone, then the phone and PC can share the same network connection.

**To share a network connection with a PC:**

1. Plug a Cat.-5 Ethernet cable into the PC port on the phone (marked by 🔄).
2. Plug the other end of the Cat.-5 Ethernet cable into your computer’s Ethernet port.
   - If a GigE network is being used, a computer connected through the phone will be limited to 100 Mbits/s. If you require a GigE Ethernet rate, use separate Ethernet connections for the phone and the computer.
   - If a PC is connected to your network through a phone, any phone resets and power or network interruptions will disrupt the PC’s connection to the network.
Deskset Installation

To mount the phone on the wall:

1. Prepare the wall-mount screws. The deskset will fit onto wall-mount screws with centers 3 ¼ inches (8.2 cm) or 4 inches (10.2 cm) apart. Most standard wall plates have screw centers 3 ¼ inches (8.2 cm) apart.

2. Put the corded handset aside. Use a screwdriver or coin to rotate the handset tab 180 degrees. The protruding edge of the tab holds the corded handset when the phone is mounted on the wall.

3. Connect the network cable(s) and, if required, the power adapter.

4. Place the deskset base over the mounting screws. Align the upper wall mounting hole on the back of the phone with the upper mounting screw. Make sure the lower wall mounting hole on the phone also aligns with the lower mounting screw.

5. Slide the deskset base down over the mounting screws.

6. Bundle the network cable(s) and power adapter cord (if using the power adapter) neatly with twist ties.
Using the Phone

Idle screen

The Idle screen appears after the phone is connected and configured for your SIP PBX service. The Idle screen indicates that you have no active or held calls.

From the Idle screen, you can press:

- **Directory** to view the directories that are available to you. See “Using the local directory” on page 42.
- **Line** to select another line (SIP Account). When you make a call, the phone will use this line. See “Making calls” on page 22. **Note:** Line appears only if more than one SIP account is registered to your phone.
- **Call Log** to view the phone’s call history. See “Call history” on page 45.

Note that the default Idle screen soft keys are shown above. Your phone’s soft keys are programmable and may differ from what is shown here.

Idle mode screen icons

In idle mode, the following screen icons indicate your phone’s current settings.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Call Forward All]</td>
<td>Call Forward All is on. See “To set Call forward:” on page 39.</td>
</tr>
<tr>
<td>![Ringer off]</td>
<td>The ringer is off</td>
</tr>
<tr>
<td>![Do Not Disturb]</td>
<td>Do Not Disturb is on. See “To set Do Not Disturb:” on page 39.</td>
</tr>
<tr>
<td>![Ethernet cable unplugged]</td>
<td>The Ethernet cable is unplugged or the network is down.</td>
</tr>
</tbody>
</table>

Active call screen icons

During a call, the following screen icons indicate the call’s status.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Headset]</td>
<td>Headset—audio is coming through a headset after the HEADSET key was pressed</td>
</tr>
<tr>
<td>![Speakerphone]</td>
<td>Speakerphone—the speakerphone is active</td>
</tr>
<tr>
<td>![1/2]</td>
<td>Call counter—more than one call is active</td>
</tr>
<tr>
<td>![More than one call]</td>
<td>More than one call is active. Press ▼ or ▲ to view another call.</td>
</tr>
</tbody>
</table>
Using the Phone

Using the menu

1. Press **MENU** to show the main menu.

   ![Main Menu](image)

   - 1. Features
   - 2. Status
   - 3. User settings

2. Press ▼ or ▲ to highlight menu items.

3. Press **SELECT** or a corresponding dial pad key to select a highlighted menu item. For example, when Features is highlighted, you can press **MENU/SELECT** or you can press 1 on the dial pad to view the Features submenu.

4. Press **SELECT** or an appropriate soft key to save changes.

5. Press **CANCEL** to cancel an operation, exit the menu display or return to the idle screen.
Using the Phone

Main menu items

1. Features (see page 37)  3. User settings (see page 50)
2. Status (see page 49)   4. Admin settings (available
only to your system administrator)

Making calls

You can make a call at any time by choosing an off-hook method (such as lifting
the handset, pressing a Line key, or pressing HEADSET or SPEAKER), and then
dialling a number. When the phone is in idle mode or has calls on hold, you can
make a call by pre-dialling a phone number and then going off hook to call the
number.

To go off hook and make a call:

1. To use the default line, lift the handset, press HEADSET, or press
SPEAKER. You hear a dial tone.

   Note: You may be able to select a specific line by pressing one of the
programmable keys, depending on how your phone is configured.

2. Use the key pad to enter the desired phone number.

   - Press Backspc if you enter an incorrect digit.
   - Press 123 to change from entering digits to entering letters (if you
     need to enter a domain name as part of the number).

3. Press Dial , or, if the phone accepts the number as valid, it dials the
   number after a short delay.

Note that the default live dial soft keys are shown above. Your phone's soft keys
are programmable and may differ from what is shown here.
Using the Phone

Making calls (continued)

To make a call by pre-dialling:

1. Use the key pad to enter the desired phone number.

   - Press Backspc if you enter an incorrect digit.
   - Press 123 to change from entering digits to entering letters (if you need to enter a domain name as part of the number).

2. Dial the number by:
   - Pressing Dial. The phone will use the preferred audio mode (speaker or headset) until you lift the handset.
   - Lifting the handset.
   - Pressing the desired Line key.
   - Pressing SPEAKER or HEADSET.

When the call is answered, the active call screen appears.

To end the call, hang up or press End. If you are on speakerphone and the handset is “on hook,” press SPEAKER to end your call.

Note that the default active call screen soft keys are shown above. Your phone’s soft keys are programmable and may differ from what is shown here.

To make a call using quick dial:

- Press the desired quick dial programmable key.

  -or-

  Press and hold a dial pad key that matches the number of the desired speed dial entry. For example, to dial speed dial entry 4, press and hold 4 on the dial pad. See “Speed Dial” on page 48.
Using the Phone

Answering calls

To answer a call:
• Lift the handset, or press Answer, SPEAKER, or HEADSET.

If you have multiple incoming calls, (as indicated by ‼), press ▼ or ▲ to select the call you want to answer.

On the incoming call screen, you can also press:
• Reject to terminate the incoming call.
• Forward to forward the call to another number.

If you don’t respond to an incoming call, the phone displays a missed-call alert screen.

If a missed call alert screen appears, you can press:
• Exit to return to the Idle screen.
• Callback to immediately dial the caller's number.
• View to see the caller’s information in the call history.
Using the Phone

Putting a call on hold

Use this feature to hold one call while you access another. The deskset also puts calls on hold automatically when you answer another call, transfer a call, or create a conference.

See also, “Putting a shared-line call on hold” on page 33.

To put a call on hold:

• During a call, press the Hold soft key.

  The On hold screen appears.

  ![On hold screen example]

  From the On hold screen, you can press:

  • End to end the call
  • New to dial a new call
  • Resume to take the call off hold.
  • Transfer to transfer the held call to another party.
  • Conf to start a conference with the held call.

  Note that the default On hold screen soft keys are shown above. Your phone’s soft keys are programmable and may differ from what is shown here.

If another party puts you on hold, you may see the message Held by far end. This message depends on compatibility between phones and PBX types, and may not always appear. You can press End to end the call.

  ![Held by far end example]
Using the Phone

Forwarding calls

You can forward an incoming call to another number, either by entering the number yourself, or by selecting a number from the directory, redial list, or call history.

**Note:** Your deskset Call Forward–No Answer setting will cancel the manual forwarding process if it takes effect first. For example, your deskset may be set to forward calls to voicemail after a call rings for 10 seconds, before you can reach the deskset to forward the call yourself. If you have problems forwarding calls because of the Call Forward–No Answer setting, ask your system administrator to extend your Call Forward–No Answer delay.

See also “Using the Call menu” on page 38.

**To forward a call using manual entry:**

1. When an incoming call appears, press **Forward**. The deskset stops ringing and the **Forward to** screen appears.

   ![Input screen](image)

   If you press **Cancel**, the deskset begins ringing again and the incoming call screen reappears.

2. Enter the number to which you want to forward the call.

   ![Input screen](image)

3. Press **Forward**. Your phone returns to idle mode if you have no other active calls.
Using the Phone

Forwarding calls (continued)

To forward a call using the directory, redial list, or call history:

1. When an incoming call appears, press \textbf{Forward}.
   The deskset stops ringing and the \textbf{Forward to} screen appears.

   
   
   
   
   
   
   
   
   
   
   
   

2. Press a programmable key (if available) to display the directory or call history. You can also navigate to the call history or directory using the deskset Features menu.

   
   

Select the call history folder or directory you want to access.

3. If necessary, press \textless{} or \textgreater{} until \textbf{Dial} appears and then press \textbf{Dial}.
   The Call Forwarded screen appears. Your phone returns to idle mode if you have no other active calls.
Using the Phone

Transferring calls

You can transfer a call to someone else at another phone.

If you talk to the transfer recipient before completing the transfer, you are making a “supervised” transfer.

However, the transfer recipient does not have to talk to you before receiving the transferred call. If you do not talk to the transfer recipient before transferring the call, you are making a “blind” transfer.

You can also transfer a call to a held call.

To transfer a call (supervised):

1. During a call, press Transfer. The call is automatically put on hold and the transfer setup screen appears.

2. Dial the number to which you want to transfer the call. You can also use a number from a list, such as the Directory or Call History.

3. When the second caller answers, you can talk to the caller to notify them of the transfer, then press Transf to transfer the call.

The Call transferred screen appears, and your phone returns to idle mode.

To cancel the transfer, press:

- Cancel on the transfer setup screen. The active call screen reappears.
- End when the second call is active. You will hang up on the second call.
Using the Phone

Transferring calls (continued)

To transfer a call (blind):

1. During a call, press Transfer. The call is automatically put on hold and the transfer setup screen appears.

2. On the transfer setup screen, enter the number to which you want to transfer the call. **Note:** To change the input method (for example, enter letters instead of numbers), press  or  to view the next set of soft keys.

3. Press Blind. The Call transferred screen appears, and your phone returns to idle mode.

If the blind transfer fails, then the transferred call will ring your phone back.

To transfer a call to a held call:

1. While on a call with another call on hold, press Transfer.

2. The active call is automatically put on hold, and the Transfer to screen appears, showing the held calls and a “new call” option. Selecting A new call displays the transfer setup screen shown in the previous two procedures.

3. On the Transfer to screen, select the desired held call, and then press Select. Your first call is immediately transferred to the selected held call. The Call transferred screen appears, and your phone returns to idle mode.
Using the Phone

Making a conference call

You can hold a conference call between yourself and two other callers.

To make a conference call:
1. During a call, press ◀ or ▶ to view the next set of soft keys.
2. Press Conf . The call is automatically put on hold and the conference setup screen appears.
   - John Smith 1/1
   - On a call 0:00:28
   - 2325550178
   - Conf Priv Hold

3. Dial the second number for the other party you want to join your conference. You can also use a number from a list, such as the Directory or Call History.

4. When the second call is established, press Conf . The conference begins and the conference screen appears.
   - John Smith 2/2
   - On a call 0:00:04
   - 2325557018

To cancel the conference setup, press:
- Cancel on the conference setup screen. The active call screen reappears.
- End when the second call is established. You will hang up on the second call and return to your first call.
- CANCEL when the second call is established. You will remain on the second call and your first call remains on hold.
Using the Phone

Making a conference call (continued)

When you have an active call and a held call, you can also create a conference with the held call.

To create a conference with a held call:

1. While on a call with another call on hold, press **Conf**.
2. The active call is automatically put on hold, and the **Conf. with target** screen appears, showing the held calls and a “new call” option. Selecting a new call displays the conference setup screen shown in the previous procedure.
3. On the **Conf. with target** screen, select the desired held call, and then press **Select**. You are immediately placed into a conference with your first call and the selected held call.

To end a conference call:

Press one of the following soft keys:
- **End**, which hangs up on both calls.
- **Split**, which puts both calls on hold. The screen shows information for the second call.
- **Bridge**, which joins both calls and returns your phone to idle mode.

Setting up a Network Conference:

A Network Conference is hosted by your service provider and allows multiple parties to join a conference. A Network Conference works in a similar way to the regular conference described above, except that the **Split** and **Bridge** functions will not be available.

In addition, the soft keys **Add** and/or **AddCall** will appear during a conference, allowing you to add more parties to the ongoing conference call.
Using the Phone

Retrieving messages

The phone alerts you when you have a new message. The MESSAGE WAITING LED also turns on whenever you have new messages.

On the New Message alert screen, you can press:

- **Exit** to return to the Idle screen.
- **View** to access your messages. The Message menu appears.

The Message menu displays the mailboxes you can access from your phone. If your phone has more than one line, you may be able to access multiple mailboxes. Press ▲ or ▼ to highlight the desired mailbox and press **MENU/SELECT** to access messages in that mailbox.

When there is no New Message alert screen, you can access the Messages menu using the deskset menu.

**To view the Message menu:**

1. When the phone is idle, press **MENU/SELECT**.
2. With **Features** highlighted, press **MENU/SELECT**.
3. Press ▼ to highlight **Message**, and then press **MENU/SELECT**.

4. On the Message menu, highlight the desired line and then press **SELECT**.
Using the Phone

Using a shared line

Your phone may be configured to have one or more shared lines. This means that a group of phones, including yours, can make and receive calls on the same line. The shared line can have more than one programmable key assigned to it. Ask your system administrator for the configuration that applies to your deskset.

Incoming calls on a shared line will ring every deskset that shares that line. When someone answers the call, the other desksets stop ringing and return to idle mode. In contrast, calls on a private line will ring only your deskset.

Incoming calls on a shared line look identical to private-line calls, except that the Forward soft key does not appear on the incoming call screen.

When to Use a Private Line Instead of a Shared Line

Your system administrator should label your deskset feature keys according to the type of line. The labels should indicate which keys apply to the shared line(s) and which keys apply to private lines. In general, you should use private lines for direct calls to other desksets within your organisation. If you use a shared line to call other desksets, all the other desksets that use that line will ring.

Call monitoring

One of the main features of shared lines is the ability to monitor call activity. You can monitor the call activity by observing the Line key LED. On your deskset, the LED is steady orange when a call has been answered at another deskset, and flashes orange slowly when the user at another deskset puts a call on hold. See “Programmable feature key lights” on page 13.

Putting a shared-line call on hold

After you answer a call on a shared line, you have two options for putting that call on hold.

- You can put a call on hold by pressing the Hold soft key. This puts a call on “normal” hold. On a shared line, this means that other shared-line users can see that the call is on hold, as indicated by the flashing orange Line key LED. Other users can retrieve the call by pressing the flashing Line key. Your deskset will return to idle mode. Putting a call on hold this way can be useful if you want to hand off the call to someone else, or if you want to pick up the held call at another deskset.

- You can also put a call on “private” hold, which means that other users cannot see that the call is on hold. Their Line key LEDs continue to show a steady orange, indicating that the call is active. This is useful if you plan to resume the held call on the same deskset.
Using the Phone

Putting a shared-line call on hold (continued)

When you transfer a call or start a conference call, the other call is put on private hold automatically. During the transfer or conference setup process, no other desksets can retrieve the call on hold.

As well, when you are on a call and you answer another incoming call or retrieve another call on hold, your first call is put on private hold automatically.

To put a call on private hold manually:

• Press and hold the Hold soft key.

“Barging in”

When you have a shared line, it may be possible to “barge in,” that is, join a call in progress at another deskset that uses that shared line. The result of barging in is that you create a “bridged call” between you and the people whose call you joined. You and the others can then converse. Note that any other shared-line user can barge in on the call as well.

Note: The ability to barge in on calls is a configurable setting for your deskset. Only your system administrator can enable this setting. Your deskset may have shared lines, but be unable to barge in on calls. If barging in is disabled on your deskset, pressing the key with the steady orange LED will do nothing.

Bridged calls differ from conference calls in that you can join a call in progress at any time. However, because the caller ID of the active call is not visible to you, other participants in the call may need to notify you of an appropriate time to join.

Bridged calls can also have any number of participants, unlike conference calls. The number of participants on a bridged call depends on the number of desksets sharing that line and may be limited by system or network capabilities.

To barge in on a call:

• Press the desired line key that has a steady orange LED, indicating an active call on a shared line.

  You join the call already in progress.

To leave the call, press End. The other participants can continue their bridged call.

Note: If you are unable to barge in on a call, it may be because the other call is not currently in progress. A line key with a steady orange LED can also indicate that the call is on private hold at the other deskset, or that the other deskset is dialling a number and no call is established yet.
Using the Phone

Busy lamp field

As with shared lines, you can monitor call activity using Busy Lamp Field (BLF) keys. However, BLF keys and LEDs represent activity on an individual deskset, not on a line. Keys configured for BLF allow you to monitor call activity for the extension only. You can use the BLF key as a quick dial key to call the extension and intercept ringing calls.

Note: Your system administrator sets up Busy Lamp Field keys. Your key labels should identify the BLF keys and which extensions they monitor. The BLF feature may not be available on your deskset.

For BLF LED states, see “Programmable feature key lights” on page 13.

To dial a monitored extension:

- Press the BLF key for that extension. The monitored extension can be idle, or have an active or held call.

Your deskset dials the extension using the first available line. When the other person answers, your deskset indicates two active calls: one active call on the line that you dialled out on, and one active call on the BLF key of the monitored extension you called.

To answer a call ringing at a monitored extension:

- Press the flashing orange BLF key for the desired extension.

Your deskset answers the call on the first available line key.
Using the Phone

Paging

Your phone supports two types of paging: server-based paging and multicast paging. An incoming page may interrupt any active calls you are on, depending on how your system administrator has configured the paging function.

To send a server-based page:
1. Press the programmable key assigned as the Page key. Your phone will dial out the Page Feature Access Code.
2. Follow the voice prompts to page.

To send a multicast page:
1. Press the programmable key assigned as the Multicast Page key. You will hear a paging tone before your phone broadcasts a page to the assigned paging zone.
2. Press \textbf{End} to terminate the page.

Automatic Call Distribution

If you are subscribed to Automatic Call Distribution (ACD), pressing the ACD key will display the ACD State Menu:

To set your ACD state:
1. Press the programmable key assigned as the ACD key. The ACD State list menu appears.
2. Press $\uparrow$ or $\downarrow$ to select the desired state, and then press \textbf{MENU/SELECT}. If you select “Unavailable”, then you will have the option of entering a reason code.
Phone Features

Using the Features menu

On the Features menu, you can manage incoming calls, use the Directory, access your messages, view your call history, and manage your speed dial numbers.

Navigating menus

To select a submenu on a numbered list, you can:
- Press ▲ or ▼ to highlight the desired menu, and then press MENU/SELECT.
- Press the dial pad key that matches the number of the desired menu.

To access the Features menu:

1. When the phone is idle, press MENU/SELECT. The Main Menu appears.
2. If necessary, press ▲ or ▼ to highlight Features, and then press MENU/SELECT.

The Features menu appears.

<table>
<thead>
<tr>
<th>Setting</th>
<th>See page…</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Call</td>
<td>38</td>
<td>Manages how your phone handles incoming calls.</td>
</tr>
<tr>
<td>2. Directory</td>
<td>42</td>
<td>Stores contact information and call contacts.</td>
</tr>
<tr>
<td>3. Call History</td>
<td>45</td>
<td>Lists incoming and outgoing call information.</td>
</tr>
<tr>
<td>5. Speed dial</td>
<td>48</td>
<td>Accesses your list of speed dial numbers.</td>
</tr>
</tbody>
</table>
### Phone Features

#### Using the Call menu

On the Call menu, you can manage how your phone handles incoming calls.

The settings available on the Call menu include:

<table>
<thead>
<tr>
<th>Setting</th>
<th>See page...</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Do Not Disturb</td>
<td>39</td>
<td>Silences incoming ringing and paging. Do Not Disturb (DND) is set on a per-line basis. The system administrator can enable you to answer incoming calls when DND is on. When DND answering is enabled, the Line key flashes for incoming calls and the incoming call screen appears. If DND answering is disabled, the incoming call will be terminated.</td>
</tr>
<tr>
<td>2. Call forward</td>
<td>39</td>
<td>Automatically forwards incoming calls depending on the setting. You can enable the following types of call forwarding:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call forward always: incoming calls are forwarded immediately and the phone does not ring.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call forward busy: incoming calls are forwarded if all your available lines are busy.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call forward no ans: incoming calls are forwarded after the no answer delay expires.</td>
</tr>
<tr>
<td>3. Block anonymous</td>
<td>40</td>
<td>Enables the phone to reject incoming calls that have no caller ID.</td>
</tr>
<tr>
<td>4. Dial as anonymous</td>
<td>40</td>
<td>Enables the phone to make outgoing calls with the Caller ID hidden from the far end.</td>
</tr>
<tr>
<td>4. Missed call alert</td>
<td>41</td>
<td>Enables the missed call alert screen.</td>
</tr>
<tr>
<td>5. Call waiting</td>
<td>41</td>
<td>Enables or disables incoming call alerts while you are on another call.</td>
</tr>
</tbody>
</table>

#### To use the Call menu:

1. When the phone is idle, press **MENU/SELECT**.
2. With **Features** highlighted, press **MENU/SELECT**.
3. With **Call** highlighted, press **MENU/SELECT**.

The Call menu appears.

```
Call
1. Do Not Disturb
2. Call forward
3. Block anonymous
```
Phone Features

Using the Call menu (continued)

To set Do Not Disturb:
1. With Do Not Disturb highlighted, press MENU/SELECT.
2. On the Do Not Disturb menu, highlight the line for which you want to turn Do Not Disturb On or Off.
3. When the desired line is highlighted, press ‹ or › to turn Do Not Disturb On or Off.
4. Press Save.

To set Call forward:
1. From the Call menu, press ‼ to highlight Call forward.
2. Press MENU/SELECT.
3. Highlight the line for which you want to configure call forward settings, and then press MENU/SELECT.
4. On the next screen, press ‼ to highlight the desired option:
   • Call forward always
   • Call forward busy
   • Call forward no ans.
5. Press MENU/SELECT.
Phone Features

Using the Call menu (continued)

6. On the next screen, press ▼ or ▶ to turn call forwarding On or Off.

```
LINE 1
Always: Off ▼
Number: Cancel Save
```

7. Press ▼.

8. Enter the number to which you would like to forward calls.

9. (If you selected Call forward no ans earlier) Press ▼.

10. (If you selected Call forward no ans earlier) Press ▼ or ▶ to set the No answer delay between 1 to 10 rings.

11. Press Save.

When Call forward is on, ✉ appears on the idle screen.

**Note**: Your system administrator can also configure programmable keys to turn Call forward always, Call forward busy, and Call forward no answer on or off.

**To block anonymous callers:**

1. From the Call menu, press ▼ to highlight Block anonymous.

2. Press MENU/SELECT.

   The Block anonymous menu appears.

```
Block anonymous
Line 1: Off ▼
Line 2: Off
Cancel Save
```

3. Highlight the desired line, and then press ▼ or ▶ to turn anonymous call blocking On or Off for that line.

4. Press Save.

**To dial as an anonymous caller:**

1. From the Call menu, press ▼ to highlight Dial as anonymous.

2. Press MENU/SELECT.

   The Dial as anonymous menu appears.

```
Dial as anonymous
Line 1: Off ▼
Line 2: Off
Cancel Save
```

3. Highlight the desired line, and then press ▼ or ▶ to turn anonymous call dialling On or Off for that line.

4. Press Save.
Phone Features

Using the Call menu (continued)

To enable missed call alerts:
1. From the Call menu, press ▼ to highlight Missed call alert.
2. Press MENU/SELECT.
   The Missed call alert menu appears.

<table>
<thead>
<tr>
<th>Missed call alert</th>
<th>Show alert: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Cancel</td>
<td>Save</td>
</tr>
</tbody>
</table>

3. Press ◀ or ▶ to turn missed call alerts on or off.
4. Press Save .

To enable call waiting alerts:
1. From the Call menu, press ▼ to highlight Call waiting.
2. Press MENU/SELECT.
   The Call waiting menu appears.

<table>
<thead>
<tr>
<th>Call waiting</th>
<th>Show alert: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Cancel</td>
<td>Save</td>
</tr>
</tbody>
</table>

3. Press ◀ or ▶ to turn call waiting alerts on or off.
4. Press Save .

   When Show alert is on and you are on a call, incoming calls are displayed on the screen. When Show alert is off, incoming calls are rejected and no notification appears on the screen. See also “Call Waiting Settings” on page 62.
Phone Features

Using the local directory

You can store the names and phone numbers for up to 1000 contacts in the deskset directory. Once directory entries are saved, you can dial them directly from the directory. You can also search directory entries by first or last name.

When adding an entry, you can enter numbers for work, mobile, and other. You can also select a ringtone for that contact. Later, you can edit entries if their contact information changes.

To view the local directory:

1. When the phone is idle, press **MENU/SELECT**.
2. With **Features** highlighted, press **MENU/SELECT**.
3. Press ▼ to highlight **Directory**, and then press **MENU/SELECT**.
   The Directories screen appears, listing all your available directories and the blacklist. Any directories other than Local are server-based and will vary with your installation. You can edit the Local directory and the blacklist.

4. With **Local** highlighted, press **MENU/SELECT**.
   The Local directory appears, showing the first entry (sorted alphabetically by first name).

5. Press ▲ or ▼ to view other entries.

The following soft keys are available when viewing a directory entry:

<table>
<thead>
<tr>
<th>Back</th>
<th>Dial</th>
<th>Add</th>
<th>LastNme</th>
<th>Type</th>
<th>Delete</th>
<th>Add</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Returns to Directory list screen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dials the entry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Allows you to add a new entry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sorts the list by last name from the top of the list</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Allows you to change the entry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Deletes the entry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Displays the contact's other numbers: Work, Mobile, Other</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Allows you to search the list alphabetically by first or last name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Deletes all entries</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Phone Features

Using the local directory (continued)

To call a contact:
1. Press ▲ or ▼ or Search to view the desired directory entry.
2. To view other numbers for the entry, press Type .
3. When the desired number appears, press Dial .

Note: If you view a directory entry when the deskset is in dial mode, an Insert soft key appears instead of Dial . Press Insert to place the entry’s number into the number field and then press Dial to dial the number. You can use this feature when making a call, forwarding a call, transferring a call, and setting up a conference call.

To add a directory entry:
1. When viewing a directory entry, press ▼ or ▲ until the Add soft key appears.
2. Press Add .

A blank directory entry appears.
3. Use the dial pad keys to enter the first name, last name, and contact numbers.
   • Press ABC to switch between entering upper-case letters, lower-case letters, and numbers.
   • Press Backspc to delete incorrect characters.
   • After completing a line, press ▼ to move to the next line.
4. When you have entered the desired information and selected the ringtone you want to use for this contact, press Save .

To edit a directory entry:
1. When viewing the desired directory entry, press ▼ or ▲ until the Edit soft key appears.
2. Press Edit .

The directory entry edit screen appears.
3. Use the dial pad keys to change the first name, last name, and contact numbers as desired.
   • You can edit the name and numbers, and change the ringtone.
   • Press ABC to switch between entering upper-case letters, lower-case letters, and numbers.
   • Press Backspc to delete incorrect characters.
   • After completing a line, press ▼ to move to the next line.
4. Press Save .
Phone Features

Using the local directory (continued)

To search directory entries:
1. From the Directories screen or from a directory entry, press Search. The Local directory search screen appears.

2. To filter your search by first name or last name, press ▲ or ▼.
3. Press ▼ to move to the Search field.

4. Press a dial pad key to enter a letter for your first name or last name search. Press 2 once for A, or three times for C, for example.
5. Press Search. The deskset searches for the first name or last name beginning with the letter you entered.

   The first entry found appears. If more than one entry was found, press ▲ or ▼ to view other entries.

To delete a directory entry:
1. Press ▲ or ▼ or Search to view the desired directory entry.
2. Press ▼ or ▲ until the Delete soft key appears.

3. Press Delete.
4. When the confirmation screen appears, press Yes.

To delete all directory entries:
1. From a directory entry, press ▲ or ▼ until the Del. all soft key appears.
2. Press Del. all.
3. When the confirmation screen appears, press Yes.
Phone Features

Blacklist

The directory also includes a blacklist, which is a list of numbers that cannot reach your phone. If you experience nuisance calls, you can add the callers’ contact information to the blacklist. Calls from blacklisted numbers will not ring your phone, or be recorded in your call history. The Blacklist can be viewed and edited in the same way as the Local directory but is a completely separate directory listing.

Call history

The call history provides available name and number information for the last 200 incoming and outgoing calls. The newest entries replace the oldest. You can view call history information for:

- All calls—all categories of calls
- Missed calls—incoming calls that were not answered
- Received calls—incoming calls that you answered, forwarded or rejected
- Dialled calls—all outgoing calls. You can use this as a redial list.

To view the call history:

1. When the phone is idle, press MENU/SELECT.
2. If necessary, press ▲ or ▼ to highlight Features, and then press MENU/SELECT.
3. Press ▲ or ▼ to highlight Call History, and then press MENU/SELECT. The Call History screen appears.

4. Press ▼ to highlight the desired call history folder.
5. Press View to see call history entries in the highlighted folder. The first entry appears.

If the folder has no entries, a “history is empty” notification message appears.

6. Press ▼ to view more entries.

The call history entry screen shows the time, date, name and number of the call, the number of entries in the folder, along with an icon indicating the type of call.
Phone Features

Call history (continued)

The following soft keys are available when viewing a call history entry:

<table>
<thead>
<tr>
<th>Delete</th>
<th>Deletes the entry</th>
<th>Dial</th>
<th>Dials the entry</th>
<th>Edit Dial</th>
<th>Displays the predial screen so you can edit the number before dialling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Save</td>
<td>Saves the call information to the local directory</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To call a call history entry:

- While viewing the desired entry, press **Dial**. The phone dials the number immediately.
  
  —or—

  Press **Edit Dial**. The predial screen appears, allowing you to edit the number before pressing **Dial**.

**Note**: If you view a call history entry when you have already entered digits in dial mode, an **Insert** soft key appears instead of **Dial**. Press **Insert** to add the entry’s number onto the existing digits. You can use this feature when making a call, forwarding a call, transferring a call, and setting up a conference call.

To add a call history entry to the directory:

1. While viewing the desired entry, press **◄** or **►** until the **Save** soft key appears.

   11:09AM 01/01/13 1/76
   Mary Williams
   2325551234
   Save

2. Press **Save**.

3. On the **Save to** menu, select the location to which you want to save the entry.
   - To save the entry to your directory, highlight **Local** and then press **MENU/SELECT**.

<table>
<thead>
<tr>
<th>Save to</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Local</td>
</tr>
<tr>
<td>2. Blacklist</td>
</tr>
</tbody>
</table>

   - To save the entry to your blacklist, highlight **Blacklist** and then press **MENU/SELECT**.
4. The directory add/edit screen appears. The deskset automatically fills in the name and number, if available.

- If necessary, edit the name and number.
  - Press ▼ to move the cursor to the next line.
- Press Backspc to delete incorrect characters.

5. Press Save to save the entry.

**To delete a single call history entry:**
- While viewing the desired entry, press Delete.

**To delete multiple call history entries:**
1. While viewing the list of call history folders, press ▼ to highlight the folder for which you would like to delete all entries: All calls, Missed calls, Received calls, or Dialed calls.

   Call history
   1. All calls
   2. Missed calls

2. Press Del all.

3. When the confirmation screen appears, press Yes.
Speed Dial

The speed dial menu allows you to enter up to 10 numbers that you dial frequently. To dial a speed dial number, press and hold the dial pad key that matches the speed dial entry number (for entry 10, press and hold 0).

You can also enter speed dial numbers using the WebUI. See “Speed Dial” on page 69.

Entering speed dial numbers

To add a speed dial entry:
1. When the phone is idle, press MENU/SELECT.
2. With Features highlighted, press MENU/SELECT.
3. Press ▼ to highlight Speed dial, and then press MENU/SELECT.
   The Speed dial menu appears.
   
   Speed dial
   1. <Empty>
   2. <Empty>
   Back Add

4. Press ▼ to highlight a speed dial entry marked <Empty>.
5. Press Add .
   A blank speed dial entry appears.

   Speed dial
   Name: 
   Number:
   Cancel ABC Save

6. Use the dial pad keys to enter the name and number.
   • Press 123 to switch between entering numbers, lower-case letters, and upper-case letters.
   • When you start entering characters, the Cancel soft key changes to Backspc . Press Backspc to delete incorrect characters.
   • After completing a line, press ▼ to move to the next line.
7. Press ▼ and then press ◄ or ► to select the line you want to use for this speed dial entry.
8. When you have entered the desired information, press Save .
Status

Finding the firmware version

To view the firmware version of your phone:
1. When the phone is idle, press MENU/SELECT.
2. On the Main menu, press ▼ to highlight Status, and then press MENU/SELECT.
3. On the Status screen, press ▼ to highlight Product Info, and then press MENU/SELECT.

<table>
<thead>
<tr>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Network</td>
</tr>
<tr>
<td>2. Line</td>
</tr>
<tr>
<td>3. Product Info</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Product Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC: 1011A019FB0D</td>
</tr>
<tr>
<td>Boot Version: 1.xx</td>
</tr>
<tr>
<td>Firmware Ver.: 1.x.x</td>
</tr>
</tbody>
</table>


Configuring the Phone

You can configure the phone using one of two methods:
1. The User Settings menu on the phone
2. The WebUI, which you access using your Internet browser.

This section describes the User Settings menu. For information about the WebUI, see page 57.

Using the User Settings menu

To view the User Settings menu:
1. Press MENU/SELECT.
2. Press ▼ to highlight User Settings, and then press MENU/SELECT, or press 3 (User Settings) on the dial pad.

The User Settings menu appears.

The User Settings are:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Preferences</td>
<td>Language&lt;br&gt;Date &amp; Time (Clock time, Clock date, Time zone, NTP server,&lt;br&gt;Set manually)&lt;br&gt;Restart phone</td>
</tr>
<tr>
<td>2. Display</td>
<td>Contrast (Level 1–7)&lt;br&gt;Backlight ON (Off, Low, Medium, High)&lt;br&gt;Backlight idle (Off, Low, Medium, High)&lt;br&gt;Timeout (10–60 seconds)</td>
</tr>
<tr>
<td>3. Audio</td>
<td>Ringer tone (Line 1, Line 2…)&lt;br&gt;Key tone (On, Off)&lt;br&gt;Audio mode (Speaker, Headset)</td>
</tr>
<tr>
<td>4. Programmable keys</td>
<td>Keys 1 and 2</td>
</tr>
</tbody>
</table>
Configuring the Phone

Preferences

Use the Preferences menu to set the language, date and time formats, and restart the phone.

To use the Preferences menu:

1. Press MENU/SELECT, then select User Settings, or press 3.
   The User Settings menu appears.

   User settings
   1. Preferences
   2. Display
   3. Audio

2. On the User Settings menu, ensure that Preferences is highlighted and then press MENU/SELECT.
   The Preferences menu appears.

   Preferences
   1. Language
   2. Date & Time
   3. Restart phone

3. Press ▲ or ▼ to highlight the desired option, and then press MENU/SELECT. The available options are:
   - Language
   - Date & Time
   - Set Key Unlock PIN
   - Hide in-call digits
   - Restart phone

Setting the language

1. From the Preferences menu, press ▲ or ▼ to highlight Language, and then press MENU/SELECT.
   The Language menu appears.

2. Press ▲ or ▼ to highlight the desired language.

3. Press MENU/SELECT.

Setting the date and time

- From the Preferences menu, press ▼ to highlight Date & Time, and then press MENU/SELECT.

The Date & Time menu appears.
Configuring the Phone

Setting the date and time (continued)

To set the time format:
1. From the Date & Time menu, ensure that Clock Time is highlighted.
2. Press ▲ or ▼ to select a 12-hour clock (12am/pm) or 24-hour clock.
3. Press Save .

To set the date format that appears on the idle screen:
1. From the Date & Time menu, press ▼ to highlight Clock date.
2. Press ▲ or ▼ to select the desired date format (DD/MM/YY, MM/DD/YY, YY/MM/DD)
3. Press Save .

To set the Time Zone:
1. From the Date & Time menu, press ▼ to highlight Time Zone.
2. Press Edit .
3. Press ▲ or ▼ to select a setting. The time zone is set as an offset from GMT. For example, EST is -5, and PST is -8.
4. Press Save .

To enable or disable Daylight Savings Time adjustment:
1. From the Date & Time menu, press ▼ to highlight DST.
2. Press ▲ or ▼ to select Enabled or Disabled.
3. Press Save .

To enable or disable the NTP (Network Time Protocol) server:
1. From the Date & Time menu, press ▼ to highlight NTP server.
2. Press ▲ or ▼ to select Enabled or Disabled.
3. Press Save .

Note: If the NTP server is disabled, you must manually set the time and date. This setting is valid only if the system administrator has already configured the Network Time settings. For more information, see the VSP716A Deskset Administrator and Provisioning Guide.

To configure the NTP Server:
1. From the Date & Time menu, press ▼ to highlight NTP and then press Edit .
2. On the NTP menu, enter the URL of the NTP server. Press the ABC key to switch between entering upper case letters, lower case letters, and numbers.
3. Press Save .
To manually set the Year, Month, Day, Hour and Minute:
1. From the Date & Time menu, press ▼ to highlight Set manually.
2. Press MENU/SELECT.
   Note: If the NTP server is enabled, you cannot modify this setting. See “To enable or disable the NTP (Network Time Protocol) server” above.
3. For each setting, press ◀ or ► to select the desired setting, and then press ▼ to move to the next line.

When you have finished, press Save.

Setting the Key Unlock PIN

If you are authorised to do so, you can set the PIN to unlock the phone. The Phone Lock feature restricts certain hard keys and features unless you enter a PIN. There are three escalating modes of lockout:
- **Restricted Config** locks out the menu and voicemail.
- **Restricted Call** locks out all advanced calling features in addition to the menu and voicemail. The phone operates only in single call, single account mode.
- **Emergency Call Only** locks out all outgoing calls except emergency calls. Incoming calls are allowed in all modes. If your phone is locked unnecessarily, see your system administrator.

To change the Unlock PIN:
1. From the Preferences menu, press ▼ to highlight Set Key Unlock PIN, and then press SELECT.
   The Set Key Unlock PIN menu appears.
2. With current PIN highlighted, press Edit.
3. Enter the current PIN and then press ◀.
4. Enter the new PIN and then press ◀.
5. Re-enter the new PIN and then press Save.

Hiding In-Call Digits

You can enable the phone to show or hide any additional digits (PIN numbers and pass codes, for example) that you enter during a call. By default, in-call digits are shown.

To show or hide in-call digits:
1. From the Preferences menu, press ▼ to highlight Hide In-Call Digits, and then press SELECT.
   The Hide in-call digits menu appears.
2. Press ◀ or ► to select Shown or Hidden.
3. Press Save.
Display

Use the Display menu to set screen appearance and backlight behaviour.

To use the Display menu:

1. Press **MENU**, then select **User Settings**, or press 3.
2. On the User Settings menu, press ▼ to highlight **Display**, and then press **SELECT**.
   The Display menu appears.

   ![Display menu]

3. Press ▲ or ▼ to highlight the desired option, and then press **SELECT**. The available options are:
   - Contrast
   - Backlight ON
   - Backlight idle
   - Timeout

To set the contrast level:

1. From the Display menu, ensure that **Contrast** is highlighted.
2. Press ◀ or ► to set the contrast level from 1 to 7 (4 is the default setting).
3. Press **Save**.

To set the backlight level that applies when the phone is active:

1. From the Display menu, press ▼ to highlight **Backlight ON**.
2. Press ◀ or ► to select Off, Low, Medium, or High (High is the default setting).
3. Press **Save**.

To set the backlight level that applies when the phone is idle:

1. From the Display menu, press ▼ to highlight **Backlight idle**.
2. Press ◀ or ► to select Off, Low, Medium, or High (Off is the default setting).
3. Press **Save**.

To set the backlight off timeout:

1. From the Display menu, press ▼ to highlight **Timeout**.
2. Press ◀ or ► to select between 10 and 60 seconds at 5-second intervals (30 seconds is the default setting).
3. Press **Save**.
Configuring the Phone

Audio

Use the Audio menu to pick one of ten ringer tones, turn key tones on and off, or select the default audio mode.

**Note:** To adjust the ringer volume, press the deskset VOLUME ▼ or ▲ keys while the phone is idle.

**To use the Audio menu:**

1. Press **MENU**, then select **User Settings**, or press 3.
2. On the User Settings menu, press ▼ to highlight **Audio**, and then press **SELECT**.
   The Audio menu appears.

<table>
<thead>
<tr>
<th>Audio</th>
<th>1. Ringer tone</th>
<th>2. Key tone</th>
<th>3. Audio mode</th>
</tr>
</thead>
</table>

3. Press ▲ or ▼ to highlight the desired option, and then press **SELECT**. The available options are:
   - Ringer tone
   - Key tone
   - Audio mode

**To select different ringer tones for each line:**

1. From the Audio menu, ensure that **Ringer tone** is highlighted and then press **Select**.
2. On the Ringer tone menu, press ▼ (if necessary) to highlight a line for which to select a ringer tone and then press **Select**.

<table>
<thead>
<tr>
<th>Ringer tone</th>
<th>LINE 1</th>
<th>LINE 2</th>
</tr>
</thead>
</table>

3. On the selected line screen, press ◀ or ▶ to select one of ten ringer tones. The default is 1. Ringer tone samples play when selected.

<table>
<thead>
<tr>
<th>LINE 1</th>
<th>Ringer tone: Ringtone 1 ▶</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancel</td>
<td>Save</td>
</tr>
</tbody>
</table>

4. After selecting the desired ringer tone, press **Save**. To exit without saving a new ringer tone, press **Cancel**.
Configuring the Phone

To set the key tone:
1. From the Audio menu, press ▼ to highlight **Key tone** and then press **MENU/SELECT**.

   The Key tone menu appears.

<table>
<thead>
<tr>
<th>Key tone</th>
<th>Off</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancel</td>
<td>Save</td>
</tr>
</tbody>
</table>

2. On the Key tone menu, press ▼ or ▲ to turn key tones on or off. When off, key presses are silent.
3. Press **Save**.

To set the audio mode:
1. From the Audio menu, press ▼ to highlight **Audio mode** and then press **MENU/SELECT**.

   The Audio mode menu appears.

<table>
<thead>
<tr>
<th>Audio mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Speaker</td>
</tr>
<tr>
<td>2. Headset</td>
</tr>
</tbody>
</table>

2. On the Audio mode menu, press ▼ to highlight the desired audio mode (Speaker or Headset).
3. Press **MENU/SELECT**.

When you press a Line key or **Answer**, the call is started or answered using the selected audio mode. Lifting the handset takes priority in all instances.

Configuring the programmable keys

You can configure the Programmable Keys on the Deskset. You can also configure these keys on the WebUI. See “Programmable Keys” on page 63.

To configure the programmable keys:
1. Press **MENU/SELECT**, then select **User Settings**, or press 3.

   The User Settings menu appears.

2. Press ▼ to highlight **Programmable keys**, then press **MENU/SELECT**.

   The Programmable keys menu appears.

3. Select the key to configure, then press **Edit**.
4. Select a PFK type, and then press **MENU/SELECT**.

   Depending on the PFK type, the screen may prompt you to configure additional settings. For more details on PFK types, see “Programmable Keys” on page 63.
WebUI

Using the WebUI

Use an Internet browser to access the Web User Interface (WebUI) that resides on your deskset. After you log on to the WebUI, you can configure the following features:

• Call Settings
• User Preferences
• Programmable Keys
• Speed Dial
• Local Directory
• Blacklist
• Call History
• User Password

The WebUI also has a Status page, where you can view status and information.

To access the WebUI:

1. Ensure that your computer is connected to the same network as your deskset. Your computer may already be connected to the network through the PC port on the back of your deskset.

2. Find the IP address of your phone:
   a. When the phone is idle, press MENU.
   b. Press ▼ to highlight Status, and then press SELECT. The Status menu appears.

   ![Status Menu](image)

   Status
   1. Network
   2. Line
   3. Product Info

   c. With Network highlighted, press SELECT. The Network screen appears.
   d. On the Network screen, highlight the IP version in the use: IPv4 or IPv6 and then press SELECT.
   e. On the IPv4 or IPv6 status screen, note the IP Address.

   ![IPv4 Status](image)

   IPv4
   IP type: DHCP
   IP: 192.168.100.100
   Subnet Mask: 255.255.255.255

3. On your computer, open an Internet browser. Depending on your browser, some of the pages presented here may look different and have different controls.

4. Type the phone IP address in the browser address bar and press ENTER on your computer keyboard. A Login page appears.

![Login Page](image)
5. Under **User Name**, enter **user**.

6. Under **Password**, enter **user**, or your own password, if you have created one. You can create or change a password after you log on.

7. Click **Log In**. The WebUI appears.

Click topics from the navigation bar at the top of the page, and then click the desired setting on the left side of the WebUI to see the page for that setting. You view and change settings in two different types of fields: drop-down lists and entry fields into which you type information. For your security, the WebUI times out after 10 minutes, so if it is idle for that time, you must log on again.

The remaining procedures in this section assume that you have already logged on to the WebUI.

**Status**

The Status page shows:

- **General** information about your phone, including model, MAC address, and firmware version.
- **Account Status** information about your SIP account registration.
- **IPv4** and **IPv6** network information regarding your phone’s network address and network connection.
- **Network** information regarding your phone’s network address and network connection.

The Status page has no settings that you can change. You may need some of the status information for troubleshooting purposes.

```
<table>
<thead>
<tr>
<th>STATUS</th>
<th>VERSUS</th>
<th>SYSTEM</th>
<th>CONTACTS</th>
<th>CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model: VSP71GA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serial Number: 1L30004001S1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC Address: 14:40:00:11:11:11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Link Status: Connected</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boot Version: 1.013</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Software Version: 2.0.5.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V-Series: 2.0.12.2119</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardware Version: HW0.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMC Version: 0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network Time Settings: Europe.pool.nsp.org</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Account Status** | | | | |
| Account 1: Registered | | | | |
| Account 2: Not Registered | | | | |

| **IPv4** | | | | |
| IP Mode: dhcp | | | | |
| IP Address: 16.244.163.17 | | | | |
| Subnet Mask: 255.255.0.0 | | | | |
| Gateway: 16.244.2.5 | | | | |
| Primary DNS: 16.244.30.11 | | | | |
| Secondary DNS: 16.244.30.10 | | | | |
```
WebUI

Call Settings

To view the call settings, click **SYSTEM** in the WebUI header, and then click **Call Settings** in the sidebar. You can configure call settings for each account that is available to your phone. Click **Account 1** or **Account 2** to select the call settings page for the desired account.

Call Settings include Do Not Disturb and Call Forward settings. You can also set Do Not Disturb and Call Forward using the desket. See “Using the Call menu” on page 38.

When you have finished changing settings on this page, click **Save** to save them.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anonymous Call Reject</td>
<td>Select to block incoming calls that have no caller ID.</td>
</tr>
<tr>
<td>Enable Anonymous Call</td>
<td>Select to make outgoing calls that remove your own caller ID information.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable DND</td>
<td>Turns Do Not Disturb on or off.</td>
<td>n/a</td>
<td>Disabled</td>
</tr>
<tr>
<td>Incoming Calls</td>
<td>Selects whether the phone displays incoming call information while Do Not Disturb is on.</td>
<td>Show, Reject</td>
<td>Reject</td>
</tr>
</tbody>
</table>
### Call Forward Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Call Forward</td>
<td>Select to enable call forwarding for all calls on that account.</td>
</tr>
<tr>
<td>Always</td>
<td></td>
</tr>
<tr>
<td>Target Number</td>
<td>Enter a number to which all calls will be forwarded.</td>
</tr>
<tr>
<td>Enable Call Forward</td>
<td>Select to enable call forwarding for calls when you are on another call on that account.</td>
</tr>
<tr>
<td>Busy</td>
<td></td>
</tr>
<tr>
<td>Target Number</td>
<td>Enter a number to which calls will be forwarded when the line is busy.</td>
</tr>
<tr>
<td>Enable Call Forward</td>
<td>Select to enable call forwarding for unanswered calls on that account.</td>
</tr>
<tr>
<td>No Answer</td>
<td></td>
</tr>
<tr>
<td>Target Number</td>
<td>Enter a number to which unanswered calls will be forwarded.</td>
</tr>
<tr>
<td>Delay</td>
<td>Select the number of rings before unanswered calls are forwarded.</td>
</tr>
<tr>
<td></td>
<td>Range: 1 to 10 rings</td>
</tr>
<tr>
<td></td>
<td>Default: 6 rings</td>
</tr>
</tbody>
</table>

### Call Completion Settings

When you call a busy number, the Call Completion feature configures the phone to call the number back automatically.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Call Completion</td>
<td>Enable the call completion feature. Calls to busy numbers will prompt a “Retry later?” message on the phone screen.</td>
</tr>
<tr>
<td>Enable Call Completion Alert</td>
<td>Enables an audible alert if you are on another call when the auto redial interval expires.</td>
</tr>
<tr>
<td>Auto Redial Interval (secs)</td>
<td>Sets a countdown timer until you are prompted for the next dialling attempt.</td>
</tr>
<tr>
<td>Auto Redial Repeat</td>
<td>Sets how many auto redial attempts are made.</td>
</tr>
</tbody>
</table>

### Custom Ringer Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom Ringer File</td>
<td>Upload a custom ringer audio file. This ringer replaces the existing ringer 10. For more information, see your system administrator.</td>
</tr>
</tbody>
</table>
WebUI

User Preferences

On the User Preferences page, you can configure some basic settings for your phone and set how your phone responds to calls.

After changing any settings on this page, click Save to save them.

### General User Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebUI Language</td>
<td>Sets the language that appears on the WebUI.</td>
<td>Any language supported by your phone. For example, English, French, Spanish, etc.</td>
<td>English-UK</td>
</tr>
<tr>
<td>Phone Language</td>
<td>Sets the language that appears on your phone.</td>
<td>Any language supported by your phone. For example, English, French, Spanish, etc.</td>
<td>English-UK</td>
</tr>
<tr>
<td>Backlight Timer</td>
<td>Sets how long the screen backlight stays on after the last button press.</td>
<td>10 to 60 seconds</td>
<td>30 seconds</td>
</tr>
<tr>
<td>Ringer Volume</td>
<td>Sets the ringer volume for incoming calls. You can also use the VOLUME ▼ or ▲ keys on the deskset.</td>
<td>Off, 1–9</td>
<td>5</td>
</tr>
<tr>
<td>Default Audio Mode</td>
<td>Sets how calls are answered when you press a line key or Answer. See also “Audio” on page 55.</td>
<td>Speaker, Headset</td>
<td>Speaker</td>
</tr>
</tbody>
</table>
# Call Hold Reminder Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Call Hold Reminder Tone</td>
<td>Enables or disables the call hold reminder tone.</td>
<td>n/a — Select to enable</td>
<td>Enabled</td>
</tr>
<tr>
<td>Tone Interval (secs)</td>
<td>Sets the interval for the call hold reminder tone.</td>
<td>10–300 seconds</td>
<td>30 seconds</td>
</tr>
</tbody>
</table>

# Call Waiting Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call Waiting Off</td>
<td>Rejects additional incoming calls. No notification appears on the screen.</td>
<td>n/a — Select to enable</td>
<td>Disabled</td>
</tr>
<tr>
<td>Call Waiting On</td>
<td>Shows additional incoming calls on the screen.</td>
<td>n/a — Select to enable</td>
<td>Enabled</td>
</tr>
<tr>
<td>Enable Call Waiting Tone</td>
<td>Enables or disables Call Waiting Tone.</td>
<td>n/a — Select to enable</td>
<td>Enabled</td>
</tr>
<tr>
<td>Tone Interval (secs)</td>
<td>Sets the interval for the call waiting tone.</td>
<td>10–60 seconds</td>
<td>30 seconds</td>
</tr>
</tbody>
</table>
WebUI

Programmable Keys

The deskset has two programmable keys. You can assign functions to the programmable keys on the Programmable Keys page.

Keys can have identical functions, depending on the “Type” of key. For example, you can assign two “Line”-type keys to Account 1 so that you can manage multiple calls on Account 1. You can also assign Quick Dial keys.

For the programmable key default settings, see “Programmable keys” on page 12.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line</td>
<td>Configures the key for accessing an account. You can make or answer calls by pressing these keys. The key LED will change according to call activity. After selecting <strong>Line</strong> in the <strong>Type</strong> column, select the account number in the <strong>Account</strong> column.</td>
</tr>
<tr>
<td>Directory</td>
<td>Configures the key to access the Directory menu. You can then press the key to view the Directory menu.</td>
</tr>
<tr>
<td>Call History</td>
<td>Configures the key to access the Call History list. You can then press the key to view the Call History list.</td>
</tr>
<tr>
<td>Redial</td>
<td>Configures the key to access the Redial list. You can then press the key to view the Redial list.</td>
</tr>
<tr>
<td>Messages</td>
<td>Configures the key to access the Message menu. You can then press the key to view the Message menu.</td>
</tr>
<tr>
<td>Do Not Disturb</td>
<td>Configures the key to turn Do Not Disturb on or off. The key is lit orange when DND is on.</td>
</tr>
<tr>
<td>Call Forward All</td>
<td>Configures the key to turn Call Forward All on or off. Select the account for which Call Forward All will apply. Ensure that you also configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Call Forward No Answer</td>
<td>Configures the key to turn Call Forward No Answer on or off. Select the account for which Call Forward No Answer will apply. Ensure that you also configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Call Forward Busy</td>
<td>Configures the key to turn Call Forward Busy on or off. Select the account for which Call Forward Busy will apply. Ensure that you also configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Quick Dial</td>
<td>Configures the key to dial a number on the selected account. After selecting Quick Dial, select the account on which the number will be dialled out, and enter the number to be dialled.</td>
</tr>
<tr>
<td>BLF (Busy Lamp Field)</td>
<td>Configures the key to monitor another extension. Select the applicable account and enter the URI of the extension you want to monitor with this key. For example, <a href="mailto:2325552001@sipservice.com">2325552001@sipservice.com</a>.</td>
</tr>
<tr>
<td>XML App</td>
<td>Configures the key to open the XML browser. Enter the URI of the XML application to be executed.</td>
</tr>
<tr>
<td>Auto Call Distribute (Automatic Call Distribution)</td>
<td>Configures the key to display the ACD State menu. Select the account that is subscribed to the ACD service.</td>
</tr>
<tr>
<td>Page</td>
<td>Configures the key to call one or a group of phones. Pressing the key dials the Paging feature access code. Your System Administrator must configure the feature access code for Paging.</td>
</tr>
<tr>
<td>Multicast Page</td>
<td>Configures the key to make outgoing multicast pages. Enter a valid Paging Zone ID (ranging from 1 to 10). Multicast paging differs from standard paging in that it is handled locally by the Deskset and does not require a subscription through the hosted server. To use multicast paging, your System Administrator must first set up paging zones.</td>
</tr>
<tr>
<td>Park Call</td>
<td>Enables you to park a call. Pressing the key dials the Call Park feature access code (FAC). Your System Administrator must configure the feature access code and any other settings for Call Park.</td>
</tr>
<tr>
<td>Retrieve Park Call</td>
<td>Enables you to retrieve a parked call. Pressing the key dials the Parked Call Retrieval feature access code (FAC). Your System Administrator must configure the feature access code and any other settings for Retrieve Park Call.</td>
</tr>
<tr>
<td>In Call DTMF</td>
<td>Configures the key to dial a string of numbers while you are on a call. For example, pressing the key might dial a conference access code. After selecting In Call DTMF, enter the number to be dialled.</td>
</tr>
<tr>
<td>Call Return</td>
<td>Configures the key to dial the number of the last missed call.</td>
</tr>
<tr>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Group Call Pickup</td>
<td>Enables you to answer a call ringing at another extension. The call can be ringing at any extension in your phone’s call pickup group. Pressing the key dials the Group Call Pickup feature access code (FAC).</td>
</tr>
<tr>
<td>Direct Call Pickup</td>
<td>Enables you to answer a call ringing at a specific deskset. Pressing the key dials the Direct Call Pickup feature access code (FAC). Depending on the server requirements, you may then need to enter the number of the ringing extension.</td>
</tr>
<tr>
<td>Lock Key</td>
<td>Configures the key to enable the phone lock or disable the phone lock with a PIN.</td>
</tr>
<tr>
<td>Prefix Dialling</td>
<td>Configures the key for prefix dialling. Pressing a PFK assigned to Prefix Dialling will automatically go off-hook into Dial mode using the account configured for the PFK. The digits entered under Value are added to any number you dial. The outgoing call includes the [Prefix] + [Dialling string].</td>
</tr>
</tbody>
</table>
| Flash              | Configures the key as a Flash key. With one call active, pressing Flash puts the active call on hold and displays a new call screen with live dial. With two calls active, pressing Flash:  
                        • puts the active call on hold and retrieves a held call, or  
                        • answers an incoming call. |
| Call Handling Profile | Configures the key for Comverse call handling profile. Enter the string of the call handling profile that the PFK LED will indicate. |
| Hunt Group         | Configures the key to turn Comverse hunt group on or off. Enter the hunt group extension number assigned for this key. |
| Secretarial Filtering | Configures the key to turn Comverse secretarial filtering on or off. Enter the manager’s extension number assigned for this key. |
WebUI

Programmable Hard Keys

In addition to the 2 programmable feature keys, you can also program other keys on the Deskset to perform additional actions. The following keys are available for programming on the Programmable Hard Keys page:

- **UP arrow**
- **CANCEL**
- **DOWN arrow**
- **MUTE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directory</td>
<td>Configures the key to access the Directory menu. You can then press the key to view the Directory menu.</td>
</tr>
<tr>
<td>Call History</td>
<td>Configures the key to access the Call History list. You can then press the key to view the Call History list.</td>
</tr>
<tr>
<td>Redial</td>
<td>Configures the key to access the Redial list. You can then press the key to view the Redial list.</td>
</tr>
<tr>
<td>Messages</td>
<td>Configures the key to access the Message menu. You can then press the key to view the Message menu.</td>
</tr>
<tr>
<td>Do Not Disturb</td>
<td>Configures the key to turn Do Not Disturb on or off. The key is lit orange when DND is on.</td>
</tr>
<tr>
<td>Call Forward All</td>
<td>Configures the key to turn Call Forward All on or off. In the <strong>Account</strong> column, select the account for which Call Forward All will apply. Before assigning the key, ensure that you configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Call Forward No Answer</td>
<td>Configures the key to turn Call Forward No Answer on or off. In the <strong>Account</strong> column, select the account for which Call Forward No Answer will apply. Before assigning the key, ensure that you configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Call Forward Busy</td>
<td>Configures the key to turn Call Forward Busy on or off. In the <strong>Account</strong> column, select the account for which Call Forward Busy will apply. Before assigning the key, ensure that you configure Call Forward settings on the Call Settings page.</td>
</tr>
<tr>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Quick Dial</td>
<td>Configures the key to dial a number on the selected line. After selecting Quick Dial, enter the number to be dialled in the <strong>Value</strong> column. In the <strong>Account</strong> column, select the account on which the number will be dialled out.</td>
</tr>
<tr>
<td>XML App</td>
<td>Configures the key to open the XML browser. Enter the URI of the XML application to be executed.</td>
</tr>
<tr>
<td>Page</td>
<td>Configures the key to call one or a group of phones. Pressing the key dials the Paging feature access code. Your System Administrator must configure the feature access code for Paging.</td>
</tr>
<tr>
<td>Multicast Page</td>
<td>Configures the key to make outgoing multicast pages. In the <strong>Value</strong> column, enter a valid Paging Zone ID (ranging from 1 to 10). Multicast paging differs from standard paging in that it is handled locally by the Deskseset and does not require a subscription through the hosted server. To use multicast paging, your System Administrator must first set up paging zones on the WebUI.</td>
</tr>
<tr>
<td>Retrieve Park Call</td>
<td>Enables you to retrieve a parked call. Pressing the key dials the Parked Call Retrieval feature access code (FAC). Your System Administrator must configure the feature access code and any other settings for Retrieve Park Call.</td>
</tr>
<tr>
<td>Call Return</td>
<td>Configures the key to dial the number of the last missed call.</td>
</tr>
<tr>
<td>Group Call Pickup</td>
<td>Enables you to answer a call ringing at another extension. The call can be ringing at any extension in your phone’s call pickup group. Pressing the key dials the Group Call Pickup feature access code (FAC).</td>
</tr>
<tr>
<td>Direct Call Pickup</td>
<td>Enables you to answer a call ringing at a specific deskset. Pressing the key dials the Direct Call Pickup feature access code (FAC). Depending on the server requirements, you may then need to enter the number of the ringing extension.</td>
</tr>
<tr>
<td>Prefix Dialling</td>
<td>Configures the key for prefix dialling. Pressing a PFK assigned to Prefix Dialling will automatically go off-hook into Dial mode using the account configured for the PFK. The digits entered under <strong>Value</strong> are added to any number you dial. The outgoing call includes the [Prefix] + [Dialling string].</td>
</tr>
<tr>
<td>Lock Key</td>
<td>Configures the key to enable the phone lock or disable the phone lock with a PIN.</td>
</tr>
</tbody>
</table>
WebUI

Speed Dial

The speed dial keys are used for dialling numbers with one key press. To view the speed dial keys, click SYSTEM in the WebUI header, and then click Speed Dial in the sidebar.

On the Speed Dial page, you can enter up to 10 numbers that you dial frequently. To dial a speed dial number, press and hold the dial pad key that matches the speed dial entry number (for entry 10, press 0). For each speed dial number you enter, you must assign the account on which the number will be dialled out.

You can also add speed dial entries using the deskset. The Speed dial list is accessed through the Features menu. See “Speed Dial” on page 48.

After entering information on this page, click Save to save it.

To enter speed dial numbers:

1. In the Name column, enter a speed dial label for the desired key.
2. In the Value column, enter a phone number for the desired key.
3. In the Account column, select the account that this speed dial number will use.
4. Click Save.
WebUI

Directory

To view the local directory, click **CONTACTS** in the WebUI header, and then click **Local directory** in the sidebar.

On the Local Directory page, you can manage your local directory entries. You can sort, edit, delete, and add contact information for up to 1000 entries. The page also allows you to export your phone’s local directory or import a local directory file. The export function lets you back up your contacts to your computer.

Phone numbers appear as links. If your service provider’s **click to dial** feature is enabled, you can dial a number by clicking its link.

The Local Directory lists entries across multiple pages. Click **Next**, **First**, **Last**, or a page number to view the desired page of entries.

**Note**: You can also use the phone menu to manage your local directory entries. For more information, see “Using the local directory” on page 42.

Your administrator can create more directories, e.g. Remote XML phonebook and LDAP.
Local Directory

<table>
<thead>
<tr>
<th>Click</th>
<th>To...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort By Last Name</td>
<td>Sort the list by last name.</td>
</tr>
<tr>
<td>Edit</td>
<td>Edit information for an entry.</td>
</tr>
<tr>
<td>Last</td>
<td>View the last page of entries.</td>
</tr>
<tr>
<td>Next</td>
<td>View the next page of entries.</td>
</tr>
<tr>
<td>Delete Selected Entries</td>
<td>Delete selected entries from the directory. Click <strong>Select All</strong> to</td>
</tr>
<tr>
<td></td>
<td>select every entry on the page you are viewing.</td>
</tr>
<tr>
<td>Add New Entry</td>
<td>Add a new directory entry.</td>
</tr>
<tr>
<td>Clear Directory</td>
<td>Delete all Directory entries</td>
</tr>
</tbody>
</table>

To add a new directory entry:

1. Click **Add New Entry**.
   
The **Create Local Directory Entry** page appears.

2. Enter the required information. At minimum, a first and last name are required.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name</td>
<td>Enter the appropriate names in these fields.</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Last Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ringer Tone</td>
<td>Sets a unique ringer tone for calls from this directory entry.</td>
<td>Auto, Tone 1–10</td>
<td>Auto</td>
</tr>
<tr>
<td>Account</td>
<td>Sets the account used when you dial this directory entry.</td>
<td>Default Account, Account 1, Account 2</td>
<td>Default Account</td>
</tr>
<tr>
<td>Home Number</td>
<td>Enter the appropriate numbers in these fields.</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Work Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobile Number</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Click **Save**.
To edit a directory entry:

1. Click Edit for the entry you want to edit.

   The **Edit Local Directory Entry** page appears.

2. Edit or add the desired information.
3. Click **Save**.

**Import Local Directory**

You can import an existing local directory file. Importing a directory file replaces all your previous local directory entries. After importing a directory file, you can add, edit, or delete entries as desired.

**Note:** Directory files are .xml files containing contacts and contact information. For more information about creating or editing a directory file, consult your system administrator.

**To import a local directory file:**

1. Click **Choose File**.
2. In the **Choose File to Upload** window, navigate to the directory file.
3. Click the file, and then click **Open**.
4. On the WebUI, click **Import**.

**Export Local Directory**

You can export the directory and save it as an .xml file on your computer.

**To export the local directory:**

1. Click **Export**.
2. At your browser’s prompt, save the file to the desired location on your computer.
WebUI

Configuration

On the Configuration page you can reset your password, configure PIN masking, and configure the phone lock feature.

To change the User password:
1. Enter the old password (for a new VSP716A, the default password is user).
2. Enter and re-enter a new password. The password is case sensitive and can consist of both numbers and letters (to a maximum of 15 characters).
3. Click Save.

PIN Masking

The PIN masking feature allows you to hide PIN numbers during call operation. The different types of PIN masking are:

- Hide DTMF digits—when Hide DTMF is enabled, PIN numbers entered during an Active Call are automatically masked.
- Password Dial—when Password Dial is enabled, PIN numbers entered as part of the dial string are hidden. For example, when entering numbers in Pre-Dial or Dial mode, PIN numbers are automatically masked.

PIN numbers in a dial string are masked in Pre-Dial and Dial modes (including variants of these modes, such as Transfer Setup, Conference Setup, and Incoming Call Forward Setup).

PIN numbers in a dial string are masked in Pre-Dial and Dial modes (including variants of these modes, such as Transfer Setup, Conference Setup, and Incoming Call Forward Setup).
### Setting Description

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Hidden DTMF digits</td>
<td>Enable to mask all DTMF digits entered during an Active Call.</td>
</tr>
<tr>
<td>Enable Delay for Hidden DTMF digits</td>
<td>Enable to add a one-second delay before DTMF digits are masked. By default, the digits are masked immediately.</td>
</tr>
<tr>
<td>Enable Password Dial</td>
<td>Enable to hide PIN numbers entered as part of the dial string.</td>
</tr>
<tr>
<td>Enable Delay for Password Dial</td>
<td>Enable to add a one-second delay before PIN numbers are masked. By default, the PIN number is masked immediately.</td>
</tr>
<tr>
<td>Password Dial Prefix</td>
<td>Enter the prefix that serves as an indicator that the next x digits are masked (x being equal to the Password Dial Length). Only the first matched Prefix initiates PIN masking. If additional instances of the Password Dial Prefix appear elsewhere within the dial string, they are ignored.</td>
</tr>
<tr>
<td>Password Dial Length</td>
<td>Enter the PIN number length. All digits within this length are masked. Any digits beyond this length are not masked. For example, if the Password Prefix is 99 and the Password Dial Length is 3, then 9912345 will be rendered as 99***45.</td>
</tr>
</tbody>
</table>

### Phone Lock

You can reset the PIN that you enter to unlock the phone when call restriction is enabled.

**To change the Phone Lock PIN:**

1. Enter the old PIN.
2. Enter and re-enter a new PIN. The password is case sensitive and can consist of both numbers and letters (to a maximum of 15 characters).
3. Click **Save**.
Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For customer service, please contact your distributor or dealer.

General issues

Screen is blank.
• Ensure power is connected. If powered by an AC adapter, check that adapter is plugged into a wall socket and the Deskset power jack. If powered by PoE, ensure that the network switch is providing power through the correct ports.

Intercom calls (Pages) are not received.
• Your phone can be configured to answer intercom calls (pages) automatically. See your system administrator if your phone doesn’t answer intercom calls automatically.

Calls are answered on the headset rather than the speakerphone after I press a Line key or Answer to answer a call.
• Change the audio mode from Headset to Speaker. See “To set the audio mode:” on page 56.

My computer can’t connect to the network after plugging the Ethernet cable through the PC port.
• Make sure the deskset is connected to power. The PC port does not work when the deskset does not have power source or during a power outage.
• Make sure you plug the Ethernet cable connected to the router into the deskset Ethernet port and the Ethernet cable connected to the computer into the deskset PC port.

The network connection speed on my computer drops significantly after plugging the Ethernet cable through the PC port.
• If you are using a Gigabit Ethernet system, the connection speed drops to 100 Mbps after plugging the Ethernet cable through the PC port.
# Specifications

## Electrical and environmental specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>32–122 °F (0–50 °C)</td>
</tr>
<tr>
<td>AC adapter output voltage</td>
<td>5.0 Vdc @ 1.5A</td>
</tr>
<tr>
<td>Ethernet network jacks</td>
<td>10/100 Mbps RJ-45 Jacks</td>
</tr>
</tbody>
</table>
# Soft Keys

## Index of soft keys

The table below provides an alphabetical list of the labels that appear above the deskset soft keys.

<table>
<thead>
<tr>
<th>Label</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>abc/ABC/123</td>
<td>Selects the text format for input</td>
</tr>
<tr>
<td>Add</td>
<td>Enters a new directory group editor</td>
</tr>
<tr>
<td>Add dot</td>
<td>Enters dot in IP editing field</td>
</tr>
<tr>
<td>Answer</td>
<td>Answers an incoming call</td>
</tr>
<tr>
<td>Back</td>
<td>Shows the previous screen</td>
</tr>
<tr>
<td>Backspc</td>
<td>Moves cursor back to correct entries in text editing fields</td>
</tr>
<tr>
<td>Blind</td>
<td>Starts the blind transfer process for the active call</td>
</tr>
<tr>
<td>Bridge</td>
<td>Joins the two active calls in a conference and returns to idle screen</td>
</tr>
<tr>
<td>Callback</td>
<td>Dials the last missed caller</td>
</tr>
<tr>
<td>Cancel</td>
<td>Quits the current screen without saving any settings</td>
</tr>
<tr>
<td>Conf.</td>
<td>Opens the live dialling editor to enter digits for the conference target</td>
</tr>
<tr>
<td>ConfCall</td>
<td>Displays a list of held calls as a target for conferencing with the active call</td>
</tr>
<tr>
<td>Del. All</td>
<td>Deletes all records in a list</td>
</tr>
<tr>
<td>Delete</td>
<td>1) Deletes current entry 2) Deletes assignment 3) Deletes Directory group</td>
</tr>
<tr>
<td>Dial</td>
<td>Sends and dials currently displayed/highlighted digits</td>
</tr>
<tr>
<td>Directory</td>
<td>Opens the list of available directories</td>
</tr>
<tr>
<td>Edit</td>
<td>Displays the entry/group editor</td>
</tr>
<tr>
<td>EditDial</td>
<td>Edits a number stored in a list before dialling</td>
</tr>
<tr>
<td>End</td>
<td>1) Closes the current page 2) Ends the current call</td>
</tr>
<tr>
<td>Exit</td>
<td>Exits the current screen and returns to the previous menu</td>
</tr>
<tr>
<td>FirstNme</td>
<td>Sorts the directory by first name</td>
</tr>
<tr>
<td>Forward</td>
<td>Opens the predial editor to begin forwarding a call</td>
</tr>
<tr>
<td>Hold</td>
<td>Puts the call on hold</td>
</tr>
<tr>
<td>LastNme</td>
<td>Sorts the directory by last name</td>
</tr>
<tr>
<td>Line</td>
<td>Switches between registered lines</td>
</tr>
<tr>
<td>New</td>
<td>Press to predial a new call during a call currently put on hold</td>
</tr>
<tr>
<td>No</td>
<td>Returns to the previous screen</td>
</tr>
<tr>
<td>Priv hold</td>
<td>Puts the call on hold (on a shared line only)</td>
</tr>
<tr>
<td>Reject</td>
<td>Rejects an incoming call</td>
</tr>
</tbody>
</table>
Soft Keys

Index of soft keys (continued)

<table>
<thead>
<tr>
<th>Label</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resume</td>
<td>Resumes a call put on hold</td>
</tr>
<tr>
<td>Save</td>
<td>1) Saves current setting 2) Begins save process</td>
</tr>
<tr>
<td>Search</td>
<td>Opens the Directory search editor</td>
</tr>
<tr>
<td>Select</td>
<td>Selects a highlighted option</td>
</tr>
<tr>
<td>Settings</td>
<td>Opens the User settings menu</td>
</tr>
<tr>
<td>Conf</td>
<td>Confirms to set up conference</td>
</tr>
<tr>
<td>Transf</td>
<td>Confirms to transfer call</td>
</tr>
<tr>
<td>Split</td>
<td>Breaks a conference or call progress into multiple calls</td>
</tr>
<tr>
<td>Status</td>
<td>Access the status submenu</td>
</tr>
<tr>
<td>Transfer</td>
<td>Opens the live dialling editor to enter or insert digits of the transfer target</td>
</tr>
<tr>
<td>Type</td>
<td>Switches between the Directory number types within an entry</td>
</tr>
<tr>
<td>View</td>
<td>Displays a database/list</td>
</tr>
<tr>
<td>XferCall</td>
<td>Displays a list of held calls as a transfer target for the active call</td>
</tr>
<tr>
<td>Yes</td>
<td>Confirm</td>
</tr>
</tbody>
</table>

Special Characters

Entering special characters

When entering text using the dial pad, the following special characters are available. Press the 1, star (∗), 0, or pound sign (#) keys to enter special characters.

<table>
<thead>
<tr>
<th>Key</th>
<th>Characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>~ ` ^ % ! &amp; - _ + =</td>
</tr>
<tr>
<td>∗</td>
<td>. @ *</td>
</tr>
<tr>
<td>0</td>
<td>[space] : ; “ , ?</td>
</tr>
<tr>
<td>#</td>
<td>( ) [ ] { } &lt;&gt; / \ #</td>
</tr>
</tbody>
</table>
Maintenance

Taking care of your telephone

• Your telephone contains sophisticated electronic parts, so you must treat it with care.
• Avoid rough treatment.
• Place the corded handset down gently.
• Save the original packing materials to protect your telephone base if you ever need to ship it.

Avoid water

• You can damage your telephone if it gets wet. Do not use the corded handset in the rain, or handle it with wet hands. Do not install the telephone near a sink, bathtub or shower.

Electrical storms

• Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

• Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap.
• Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND NETWORK CABLE FROM THE WALL, then pull the unit out by the unplugged cords.
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ATTN: Information Technology Group—VSP716A GPL code request

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