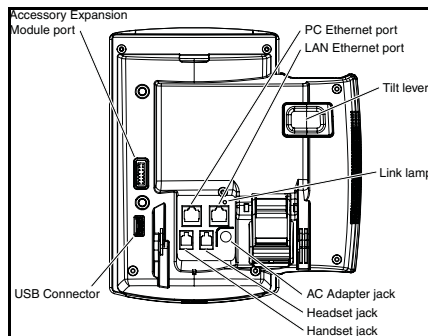## Nortel IP Phone 1165E features

- Eight user-defined feature keys with labels and indicators
- Four context-sensitive soft keys
- Stunning high resolution color display
- High-quality Handsfree Speakerphone
- Volume up/down and Mute keys control the ringer, handsfree, handset and headset volume
- Six specialized feature keys
- Six call-handling keys: Mute, Handsfree, Goodbye, Expand, Headset, Hold
- Two Gigabit Ethernet ports for LAN and PC connections
- Integrated headset support for wired and wireless options including USB and Bluetooth Wireless Technology
- USB port for connecting mouse, keyboard, or headset and other devices
- Supports the IP Phone 1100 Series Expansion Module to add keys
- IEEE 802.3af PoE and local AC power options
- Hearing aid compatibility
- Automatic network configuration

Self-labeled line/programmable feature keys

Feature Status Lamp* / Message waiting indicator

Handset
Speaker
Copy key
Services key
Quit/Stop key
Volume control
Mute key
Handsfree key

High-resolution graphical display screen
Context-sensitive soft keys
Enter key
Message/Inbox key
Shift/Outbox key
Directory key
Goodbye key
Expand key
Headset key
Hold key
Navigation keys
Dialpad

*Note: If supported by your server, the Feature Status Lamp provides a user-defined alert. Contact your system administrator to find out if this feature is available to you.

Accessory Expansion Module port
PC Ethernet port
LAN Ethernet port
Tilt lever
Link lamp
USB Connector
AC Adapter jack
Headset jack
Handset jack

Regulatory Information

Nortel IP Phone 1165E Emissions Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interence to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected, or consult the dealer or an experienced radio or TV technician for help.

The user should not make changes or modifications not expressly approved by Nortel Networks. Any such changes could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with the essential requirements and other relevant provisions of R&TTE directive 1999/5/EC. A copy of the Declaration may be obtained from Nortel Networks GmbH address: Ingolstaedter Strasse 14-18, 80807 Munich Germany.

Use only with Nortel-approved Limited Power Source (output rated 48 V DC, 520mA.) OR standard Power over Ethernet IEEE 802.3af.

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
　取扱説明書に従って正しい取り扱いをして下さい。

Warning: The earpiece/mouthpiece region on the handset can attract and retain small objects. Privacy of communications may not be ensured when using this telephone. To prevent radio interference to the licensed service, this device must be operated indoors only and should be kept away from windows to provide maximum shielding.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between it and your body.

To provide feedback or report a problem in this document, go to www.nortel.com/documentfeedback.

CE

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IP Phone 1165E
Getting Started

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Caution: Your IP Phone 1165E is shipped with the base locked in position. To avoid damaging your IP Phone, pull up on the wall-mount lever, located just under the Handsfree key, to release the base. Gently pull the base away from the IP Phone.

Step 1: Remove the stand cover. Pull upward on the center catch as indicated in the following figure, and remove the stand cover. The cable routing tracks are now accessible.
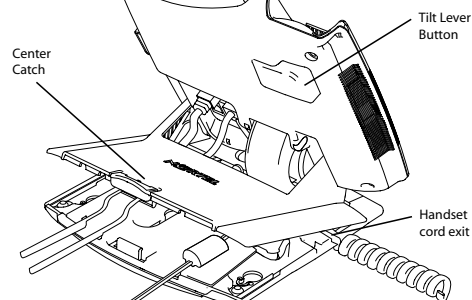
Step 2: Connect the AC power adapter (optional). Connect the adapter to the AC adapter jack in the bottom of the phone. Form a small bend in the cable, and then thread the adapter cord through the channels in the stand.

Warning: Use your IP Phone 1165E with the approved Nortel AC adapter for this model of phone only.

Note 1: Your IP Phone 1165E supports both AC power and Power over Ethernet IEEE 802.3af standard power. To use local AC power, the optional AC adapter can be ordered separately. To use Power over Ethernet, the Local Area Network (LAN) must support IEEE 802.3af standard PoE.

Note 2: You must use CAT-5e (or better) cables if you want to use gigabit Ethernet.

Step 3: Connect the handset. Connect the end of the handset cable with the long straight section to the back of the phone, using the RJ-9 handset jack marked with the symbol. Form a small bend in the cable, and then thread the handset cord through the channels in the stand so that it exits behind the handset on the right side, in the Handset cord exit marked with the symbol in the stand base, as shown in the preceding figure. Connect the handset to the cable.

Step 4: Install the headset (optional). If you are installing a headset, plug the connector into the RJ-9 headset jack marked with the symbol on the back of the phone, and thread the headset cord along with the handset cord through the channels in the stand, so that the headset cord exits the channel marked with the symbol. To connect USB or Bluetooth wireless technology headsets, refer to the headset information at www.nortel.com/pic.

Step 5: Install the Ethernet cable. Connect one end of the supplied Ethernet cable to the back of your IP Phone using the RJ-45 connector marked with the symbol, and thread the network cable through the channel marked with the symbol.

Step 6: Install the Ethernet cable connecting the PC to the phone (optional). If you are connecting your PC Ethernet through the IP Phone, connect one end of the PC Ethernet cable to your IP Phone using the RJ-45 connector marked with the symbol, and thread it through the channel marked with the symbol. Connect the other end to the LAN connector on the back of your PC.

Step 7: Install additional cables. If applicable, plug in optional USB devices. Connect the Ethernet cable to the LAN Ethernet connection. If you are using an AC power adapter, plug the adapter into an AC outlet.
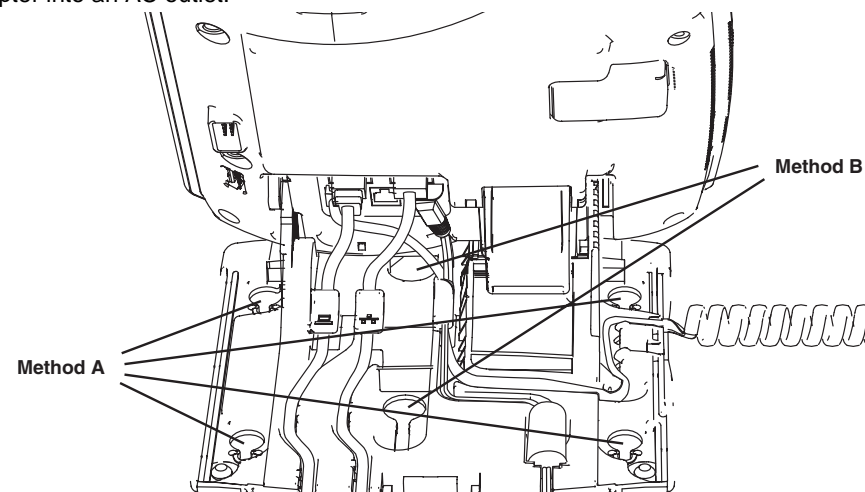
Step 8: Wall-mount your IP Phone (optional). Your IP Phone 1165E can be mounted either by: (Method A) using the mounting holes on the bottom of the phone stand, or (Method B) using a traditional-style wall-mount box with RJ-45 connector and 15-cm (6-inch) RJ-45 cord (not provided).
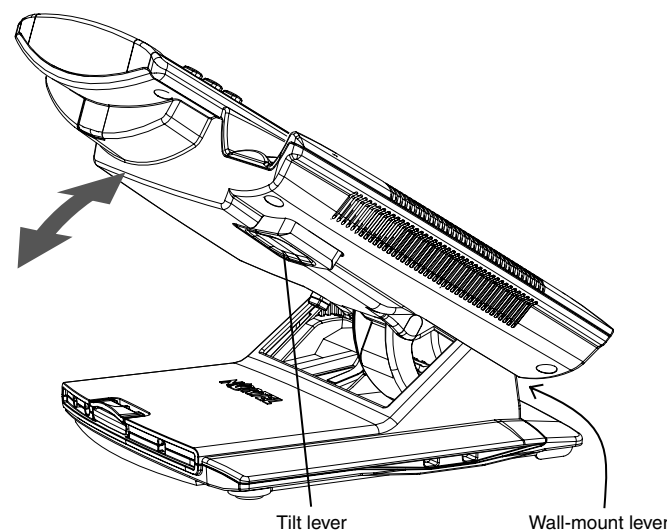
Complete steps 1-7, as needed, before you wall-mount your phone:

Method A: Using the stand cover (the part you removed in Step 1), mark the wall-mount holes by pressing the bottom of the stand cover firmly against the wall in the location where you wish to install the IP Phone. Four small pins on the bottom of the stand cover make

marks on the wall. Use the marks as a guideline for installing the wall-mount screws (not provided). Install the screws so that they protrude 3 mm (1/8 inch) from the wall, and then install the phone stand mounting holes over the screw heads as indicated in Method A. You may need to remove the phone from the wall to adjust the lower screws. When the lower screws are snug, install the phone on the mounting screws, and then tighten the top screws. Due to the wide variety of materials and construction techniques, the user is advised to select an appropriate fastener or anchor type for the wall. Consult your local hardware store or other expert assistance in selecting the correct fastener for your application.

Method B: Attach a 15-cm (6-inch) CAT-5e cable (not provided). Position the stand over the mounting rivets, and slide the IP Phone down the wall so that the rivets fit into the slots on the stand, indied in Method B.

Step 9: Replace the stand cover. Ensure that all cables are neatly routed and press the stand cover into place until you hear a click.

Step 10: Put the IP Phone in the wall-mount position (optional). If you wall-mounted your IP Phone, put it in the wall-mount position by holding the Tilt lever and pressing the phone towards the base until the IP Phone is parallel with the base. Release the Tilt lever and continue to push the IP Phone towards the base until you hear an audible click. Ensure the IP Phone is securely locked in position.

IP Phone 1165E controls:

Controlling volume
Use the volume control to adjust the sound level of each of the handset, headset, and speakerphone.

Answering a call
Ringing calls can be answered by lifting the handset, or pressing **Handsfree** or **Headset** keys.

Making a call with the handset
To make a call using the primary line, lift the handset and enter the telephone number on the dialpad. If your IP Phone is programmed with several line keys, press a line key to select a line before calling. When your call is complete, press the **Goodbye** key or return the handset to the cradle.

Making a call with the headset or using Handsfree
Press the **Headset** or **Handsfree** key. Enter the telephone number. When your call is complete, press the **Goodbye** key.

Using Hold and Mute
While on a call, press the **Hold** key to place your caller on hold. Press the line key to retrieve your call. The icons next to the line keys indicate held lines, while the Mute LED lights when Mute is active. Press the **Mute** key to mute your handset, headset, or speaker, allowing you to speak privately. Press the **Mute** key again to speak with your caller.

Display settings
To adjust the display settings, press the **Services** key twice quickly to open the Local Menu. For more information on IP Phone 1165E features and settings, consult the *IP Phone 1165E User Guide* specific to the Nortel Communications Server.

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