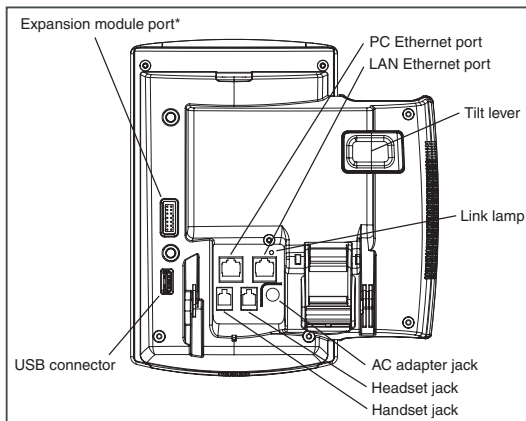## Nortel IP Phone 1120E features

- Four user-defined feature keys with labels and indicators
- Four soft keys
- Graphical, high-resolution LCD display, backlit, with adjustable contrast
- High-quality speaker phone
- Volume control keys for adjusting ringer, speaker, handset, and headset volume
- Six specialized feature keys:
  — Quit, Directory, Message/Inbox, Shift/Outbox, Services, Copy
- Six call-processing fixed keys:
  — Mute, Handsfree, Goodbye, Expand to PC, Headset, Hold
- Gigabit Ethernet ports
- Built-in gigabit Ethernet switch for shared PC access
- Headset jack with an On/Off key
- USB port to support a keyboard or mouse
- Automatic network configuration
- Graphical XAS
- Hearing-aid compatibility

Figure 1
Features and keys

Figure 2
Connectors

*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 for you.

Regulatory Information
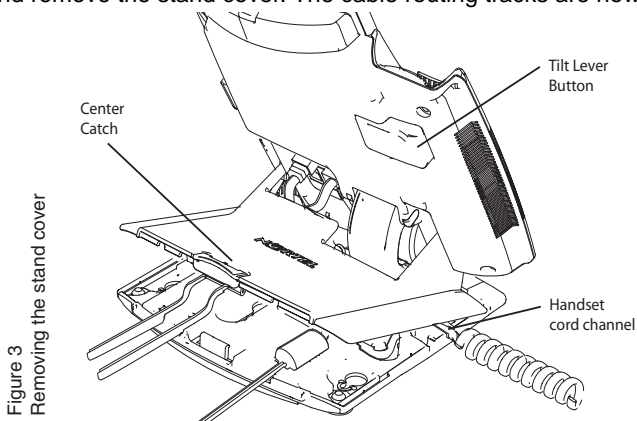
IP Phone 1120E
Getting Started

Caution: Your IP Phone 1120E is shipped with the base locked in position. To avoid damaging your phone, press the wall-mount lever, located just under the Handsfree key as indicated in Figure 5, to release the base and pull it away from the phone.

Step 1: Remove the stand cover. Pull upward on the center catch as indicated in Figure 3, and remove the stand cover. The cable routing tracks are now accessible.

Center Catch

Tilt Lever Button

Handset cord channel

Figure 3
Removing the stand cover

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 1120E with the approved Nortel AC adapter (model #N0023000) for this model of phone only.

Note 1: Your IP Phone 1120E supports both AC power and Power over Ethernet options, including IEEE 802.3af standard power. To use local AC power, the optional AC adapter can be ordered separately. To use Power over Ethernet, where power is delivered over the CAT-5 cable, the LAN must support Power over Ethernet, and an AC adapter is not required.

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

Step 3: Install the handset. Connect the end of the handset cable with the short straight section into 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 Figure 3.
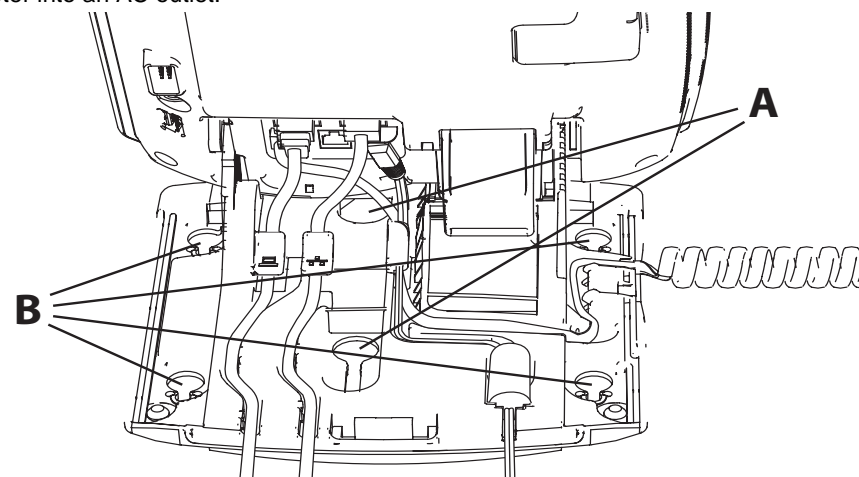
Step 4: Install the headset (optional). If you are installing a headset, plug the connector into the RJ-9 headset jack marked with the symbol 🎧 on the back of the phone, and thread the headset cord along with the handset cord through the channels in the stand, so that the headset cord exits the channel marked with the symbol 🎧.

Step 5: Install the Ethernet cable. Connect one end of the supplied Ethernet cable to the back of your phone using the RJ-45 connector marked with the symbol ⊹, and thread the network cable through the channel marked with the symbol ⊹.
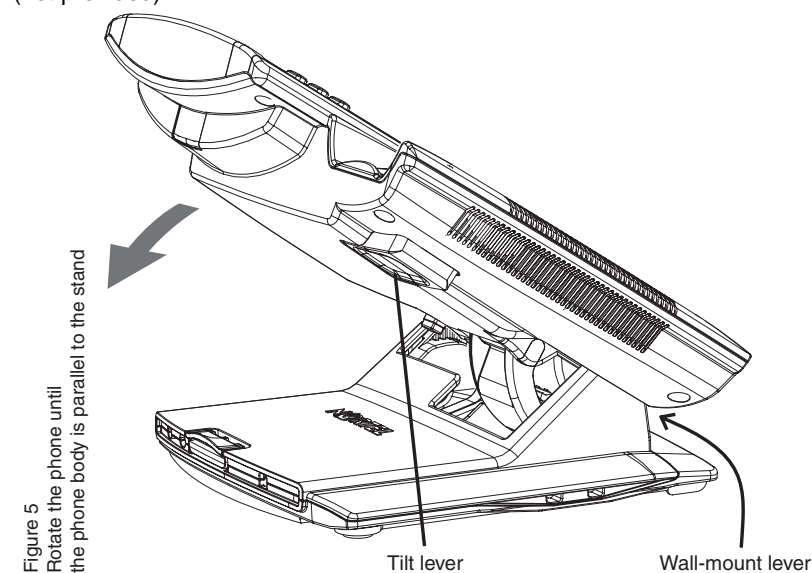
Step 6: Install the Ethernet cable connecting the PC to the phone (optional). If you are connecting your PC Ethernet through the phone, connect one end of the PC Ethernet cable to your phone using the RJ-45 connector marked with the symbol 🖥, and thread it through the channel marked with the symbol 🖥. 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.

A

B

Figure 4
Cable routing tracks

Step 8: Wall-mount your phone (optional). Your IP Phone 1120E 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).

Figure 5
Rotate the phone until the phone body is parallel to the stand

Tilt lever   Wall-mount lever

Complete steps 1-7, as needed, before you wall-mount your phone:

Method A: Press the wall-mount lever, and pull the phone away from the stand, as shown in Figure 5. 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 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 Figure 4 (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.

Method B: Attach the 15-cm (6-inch) CAT5e cable, position the stand over the mounting rivets, and slide the phone down the wall so that the rivets fit into the slots on the stand, indicated in Figure 4 (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 phone in the wall-mount position (optional). If you wall-mounted your phone, put it in the wall-mount position by holding the Tilt Lever and pressing the phone towards the base until the phone is parallel with the base. Release the Tilt Lever and continue to push the phone towards the base until you hear an audible click. Ensure the phone is securely locked in position.

IP Phone 1120E controls:

Controlling volume
Press the up or down volume control key while using your handset, headset, or speaker to adjust the volume of the associated device.

Answering a call
Lift the handset to answer a ringing call, or press the **Handsfree** or **Headset** key.

Making a call with the handset
To make a call using the primary line, lift the handset and enter the phone number on the dialpad. If your 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 phone 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.

Setting the contrast
To adjust the display contrast, press the **Services** key, select **Telephone Options**, and select **Contrast Adjustment.** Use the up/down arrow keys or up/down soft keys to change the setting.

Setting the language
To select the language used by the local menus, press the **Services** key twice quickly to open the local menu. Select **1. Preferences**, select **2. Language**, and use the up/down arrow keys to choose the language.

Note: Use the Telephone Options menu to select the language used by call-server features. Consult the *IP Phone 1120E User Guide* for more information.