

## 1 Parts checklist



## 2 Choose and plan your telephone system

Before you start setting up your telephone system, plan it carefully. Choose between a multiple stations system or just an one station system, and then add in the accessories as you need. Contact your technical support for the Ethernet network setup. Make sure you have all the required devices and cables.

Consider the following before you start planning your system:

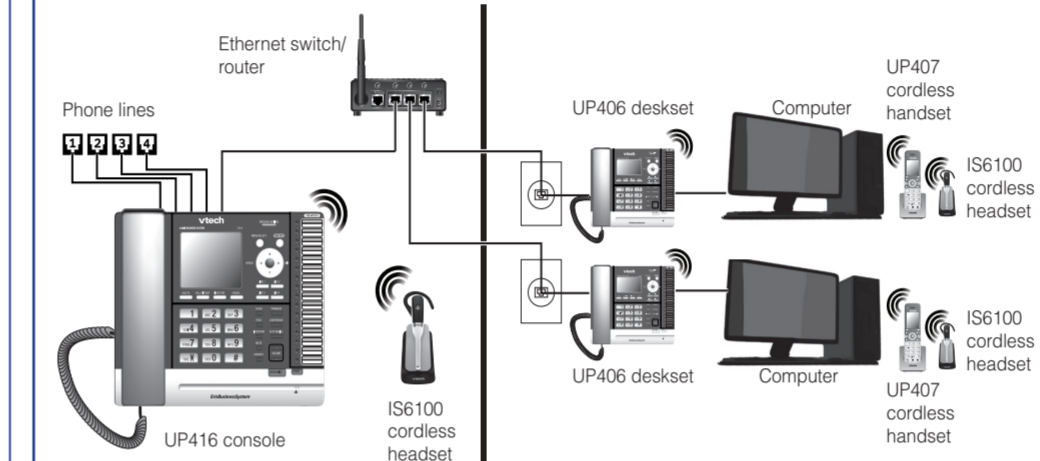
- ✓ Number of station(s) you need.
- ✓ Whether you have an existing Ethernet network that can be used to connect the system telephones.
- ✓ Number of cordless accessories you need.

### Notes

- UP416 console is the main component of the ErisBusinessSystem. UP406 deskset and all other accessories cannot function without the UP416 console.
- You can only have one UP416 console in your system. Connect only one UP416 console to your desired telephone lines.
- Depending on the telephone line wall jack configuration in your office, you might need a DSL filter (not included).
- Expand the number of stations in your system by adding UP406 desksets. For more than one station, an Ethernet network is required.
- Each station in your telephone system has a unique extension number.
- Only one UP407 cordless handset and one IS6100 cordless headset can be connected to the UP416 console or a UP406 deskset.
- If a station has cordless accessories, the cordless accessories are a part of that station with the same extension number. Only one extension device can be used at a time.

### Multiple stations

UP416 Main console (1 set)  
UP406 Deskset (up to 15 sets)  
UP407 Handset and/or IS6100 Headset (optional, up to 5 sets)

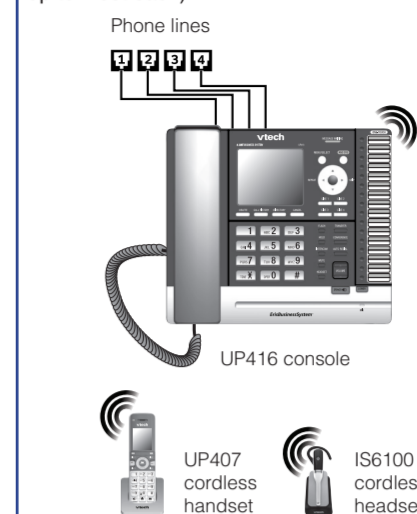


### Note

- Make sure your Ethernet switch or router has enough ports to accommodate the UP416 console, the UP406 deskset(s), and your computer(s).

### One station

UP416 Main console (1 set)  
UP407 Handset and/or IS6100 Headset (optional, up to 1 set each)



### Note

- An Ethernet network is not required.

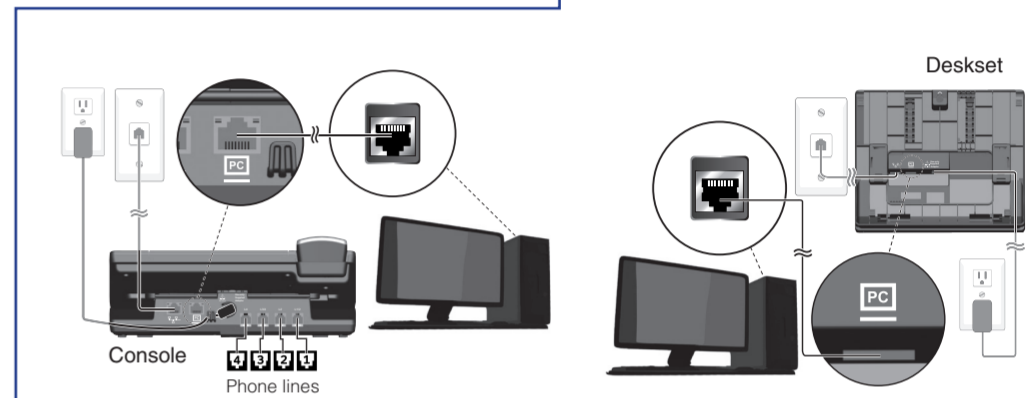
### Maximize your existing Ethernet network setup with PC port

The PC port on the console or the deskset can maximize your existing Ethernet network and be the Internet pass-through of your computer when the Ethernet wall jacks are all in use.

### Notes

- Make sure there is power connected to the UP416 console or UP406 deskset; otherwise the PC port does not function.
- This telephone system does not support Power over Ethernet (PoE).
- If you are using the Gigabit Ethernet system, the connection speed of your computer will be slower.

- 1 Unplug your Ethernet cable of your computer from the existing Ethernet wall jack.
- 2 Plug one end of the Ethernet cable into the Ethernet port (E\*) at the back side of the console or deskset, and the other end to the Ethernet wall jack.
- 3 Connect your computer to the Ethernet network through the PC port (PC) of the console or deskset.



### Note

- To set up a new Ethernet network, contact your technical support.

## 3 Connect your system - console

### Notes

- An Ethernet network is not required for one station.
- Install and set up the UP416 console first before expanding your system with UP406 deskset, UP407 cordless handset, and IS6100 cordless headset.
- Check and make sure your Ethernet switch or router has enough slots to accommodate the UP416 console and all UP406 desksets.
- Depending on the telephone line wall jack configuration in your office, you might need to connect the telephone line cords in different ways as shown in the illustrations below.
- Connect the UP416 console to the power outlets that are not controlled by a wall switch.
- Remove the protective sticker covering the UP416 console display before use.
- Use only the power adapter supplied with this product.
- Only power up the system after you are fully connecting all the telephone lines and the Ethernet cable.

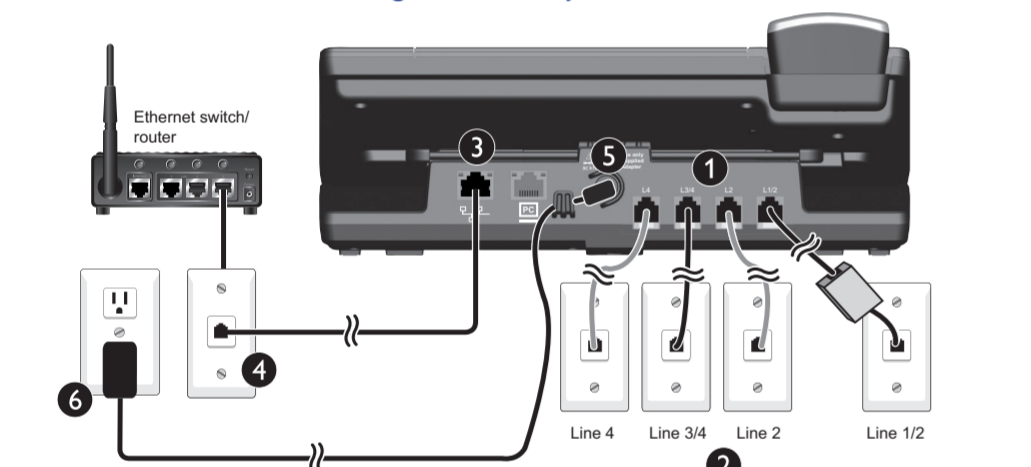
### Tip

- To order a replacement power adapter, visit our website at [businessphones.vtech.com](http://businessphones.vtech.com), or call **1(800) 595-9511**. In Canada, call **1 (800) 267-7377**.

### Cautions

- 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.
- Place the UP416 console away from:
  - » Devices such as television sets, VCRs, or other cordless telephones;
  - » Excessive heat sources;
  - » Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting;
  - » Excessive moisture;
  - » Extremely low temperature; and
  - » Mechanical vibration or shock such as the open lid of a washing machine or a work bench.

### Connect the console to single-line wall jacks

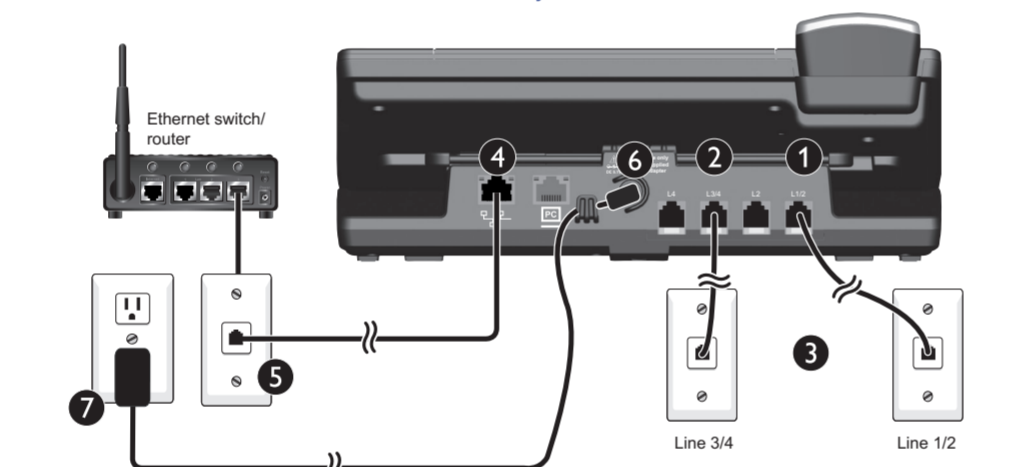


- 1 Plug one end of the telephone lines into the telephone lines into the **L1/2, L2, L3/4, and L4** jacks at the rear side of the console.
- 2 Plug the other end of the telephone lines into the one-line telephone wall jacks.
- 3 Plug one end of the Ethernet cable into the Ethernet port (E\*) at the rear side of the console.
- 4 Plug the other end of the Ethernet cable into an Ethernet wall jack, which is connected to the Ethernet network.
- 5 Insert the connector of the power adapter to the power jack at the rear side of the console.
- 6 Connect the plug head of the power adapter to the power outlet that is not controlled by a wall switch.
  - ↳ The system startup takes at least a minute, and the screen displays **booting....**

### Note

- If you have DSL high-speed Internet service on a particular line, a DSL filter (not included) is required for that line. Plug the DSL filter into the telephone wall jack.

### Connect the console to two-line wall jacks



### Note

- A two-line wall jack supports two telephone numbers in one wall jack. Contact your telephone service provider for details.
- 1 Plug one end of the black telephone line cord into the **L1/2** jack at the rear side of the console.
  - 2 Plug one end of another black telephone line cord into the **L3/4** jack at the rear side of the console.
  - 3 Plug the other end of both black telephone line cords into the two-line telephone wall jacks.
  - 4 Plug one end of the Ethernet cable into the Ethernet port (E\*) at the rear side of the console.
  - 5 Plug the other end of the Ethernet cable into an Ethernet wall jack, which is connected to the Ethernet network.
  - 6 Insert the connector of the power adapter to the power jack at the rear side of the console.
  - 7 Connect the plug head of the power adapter to the power outlet that is not controlled by a switch.
    - ↳ The system start up takes at least a minute, and the screen displays **booting....**

## 5 Connect your system - deskset

### Notes

- Install and set up the UP416 console first before expanding your system with UP406 deskset, UP407 cordless handset, and IS6100 cordless headset.
- Check and make sure your Ethernet switch or router has enough slots to accommodate the UP416 console and all UP406 desksets.
- Connect the UP406 deskset to the power outlets that are not controlled by a wall switch.
- Remove the protective sticker covering the UP406 deskset display before use.
- Use only the power adapter supplied with this product.
- Only power up the system after you are fully connecting all the telephone lines and the Ethernet cable.

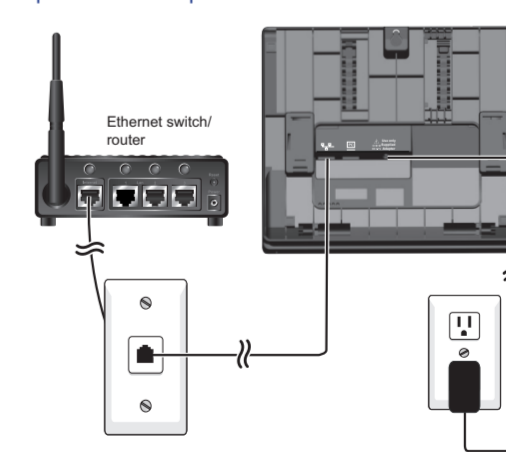
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### Cautions

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- Place the UP406 deskset(s) away from:
  - » Communication devices such as television sets, VCRs, or other cordless telephones;
  - » Excessive heat sources;
  - » Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting;
  - » Excessive moisture;
  - » Extremely low temperature; and
  - » Mechanical vibration or shock such as the open lid of a washing machine or a work bench.

### Connect the Ethernet cable and power adapter



- 1 Plug one end of the Ethernet cable into the Ethernet port (E\*) at the rear side of the deskset.
- 2 Plug the other end of the Ethernet cable into an Ethernet wall jack, which is connected to the Ethernet network.
- 3 Insert the connector of the power adapter to the power jack at the rear side of the deskset.
- 4 Connect the plug head of the power adapter to the power outlet that is not controlled by a wall switch.
  - ↳ The system start up takes at least a minute, and the screen displays **booting....**

### Tip

- For better cable and cord management, route through the slots that are located at the rear side of the deskset.

## 4 Install your console

After the system startup is complete, the screen displays:

↳ **Is this Console going to register UP406 Desksets?**  
'SELECT': Yes  
'CANCEL': No

- Press **SELECT** if you want to set up multiple stations.
  - ↳ The screen displays **Console is in system mode**.
- Press **CANCEL** if you want to set up one station.
  - ↳ The screen displays **Console is in standalone mode**.

### Multiple stations setup

#### Obtain an IP address

Once the console is in system mode, it will automatically obtain an IP address. The screen displays:

↳ **Obtaining IP from DHCP server. Please wait...**

After an IP address is obtained, the screen displays:  
↳ **IP obtained: XXX.XXX.X.XXX Please set an extension number to this phone.**

### Set an extension number

- 1 Press **MENU/SELECT**.
- 2 Press **←/REPEAT** or **→/SKIP** to choose the desired extension number.
- 3 Press **MENU/SELECT** again to save.
  - ↳ The screen displays **Please wait... and Starting....**
- When the startup is complete, the console enters idle screen.
- Wait for another minute for the console to synchronize.

- 4 Lift the handset to check on the dial tone for successful installation.

### Note

- By default, the console's name is **Console**.

### One station setup

Once the console is in standalone mode, the screen displays:

↳ **Starting...**

- When the startup is complete, the console enters idle screen.

Lift the handset to check on the dial tone for successful installation.

### Change from one station to multiple stations setup

You may want to change from one station to multiple stations setup at a later stage. Follow the steps below:

- 1 Connect the Ethernet cable between the console and an Ethernet wall jack, which is connected to the Ethernet network.

- 2 Follow steps 1 to 8 in **To enable the Auto set IP** under the **Network setup** section of the online complete user's manual.

- You can also manually obtain an IP address. Follow steps 1 to 8 in **To enable the Set static IP** under the **Network setup** section of the online complete user's manual.

- 3 Register your UP406 deskset to the console.



