1. Unpack and check included parts.

- Documentation kit
- Switch
- Accessory kit (installation hardware)
- AC power cord

2. Prepare for installation. To avoid personal injury or product damage, review the “Safety Precautions” on page 4.

3. Power on and verify that Self-Test completes normally. The switch does not contain a power switch. It is turned on by connecting power through the AC power cord.

4. Mount the switch. Unplug the AC power from the switch before mounting it.

**Rack Mounting**: Use a #1 Phillips (cross-head) screwdriver to attach the accessory kit brackets to the switch using the eight 8-mm M4 screws. Then use the four number 12-24 screws to secure the brackets to the rack.

**Table or Desktop Mounting**: Attach the four self-adhesive pads (included in the accessory kit) to the bottom corners of the switch.
4. Mount the switch (continued)

**Wall or Under-Table Mounting:** Install two 5/8-inch (15.875 mm) number 12 wood screws, (included) into the mounting surface, positioned 10 inches (254 mm) apart. Use the wall anchors if necessary. Then, position the switch over the screws and slide to lock in place. Install the third screw at the side of the switch to prevent it from sliding out of the locked position, if necessary.

**Important:** For wall-mounting, the network ports must be facing up or down. Do not mount the switch with ventilation holes facing up or down. (See “Installation Precautions” on page 4.)

5. Power on the switch.

Follow the same procedures as in step 3.

6. Configure the switch for operation on your network (minimal configuration).

Using a standard Ethernet cable, connect a PC directly to the switch.

Then configure the PC’s IP Address and Subnet Mask to allow it to communicate with the switch through your PC’s Web browser.

**Switch factory-default settings:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Factory Default Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Password</td>
<td>&lt;blank&gt;</td>
</tr>
<tr>
<td>IP address</td>
<td>192.168.2.10</td>
</tr>
<tr>
<td>Subnet mask</td>
<td>255.255.255.0</td>
</tr>
<tr>
<td>Default gateway</td>
<td>not set</td>
</tr>
</tbody>
</table>

Modify the switch’s IP configuration to operate in your network. See the example initial configuration on page 3.

7. Connect the network cables.

**Note:** For transceiver connections, install and use only HP mini-GBIC/SFP transceivers supported by the switch.

See “Mini-GBIC/SFP Installation Notes” on page 3.
Example: Initial Switch Configuration using Windows® XP

1. Reconfigure the PC’s IP address and Subnet Mask so that it can communicate with the switch.
   a. Click **Start > Connect to > Show all connections**.
   b. Select and right-click **Local Area Connection**, then click **Properties**.
   c. Scroll and select **Internet Protocol (TCP/IP)**, then click **Properties**.

   **Note:** Be sure to record all your PC’s current IP settings to be able to restore them later.
   d. On the General tab, click **Use the following IP address**.
   e. For **IP address**, enter an IP address in the same range as the switch’s default IP address. For example, enter **192.168.2.12**.
   f. For **Subnet mask**, enter **255.255.255.0**, then click **OK**.
   g. Click **Close** (or **OK**) to close the **Local Area Connection Properties** screen.

2. Open your Web browser on the PC, and enter the switch factory-default address, **http://192.168.2.10**, to access the switch’s Web interface.

3. Click **Log on** to log onto the switch (by default, there is no password).

4. Click **Network Setup > Get Connected** and configure IP network settings on the switch for operation on your network.

   **Important:** If you enable DHCP on the switch for automatic IP network configuration, at the time of that selection, the switch must be connected to the same network as the DHCP server. Otherwise, the switch will revert to the 192.168.2.10 address. After automatic IP configuration, you must determine the IP address assigned to the switch. To do this, you will need to access your DHCP server files, or use LLDP (Link Layer Discovery Protocol) commands on a connected device (such as another switch).

5. Click **Apply** on the browser configuration screen to save your settings to retain them when the switch is rebooted.

   You are done with initial switch configuration. Disconnect the LAN cable from your PC and connect the switch into the network.

   Be sure to return your PC to its original network settings before connecting to your network.

Mini-GBIC/SFP Installation Notes

**Note**
Use only genuine HP mini-GBIC/SFP transceivers supported by your switch. When selecting a fiber SFP device, make sure it can function at a temperature that is not less than the recommended maximum operational temperature of the product. Use only an approved Laser Class 1 SFP transceiver.

**Use only genuine HP Mini-GBICs/SFPs.** Non-HP mini-GBIC/SFP transceivers are not supported. Use of genuine HP products ensures that your network maintains optimal performance and reliability. Should you require additional transceivers, please contact an HP sales representative or an authorized reseller.

**Hot Swapping Mini-GBIC/SFP transceivers.** Supported mini-GBIC/SFP transceivers that you can install in your HP switch can be “hot swapped” – removed and installed while the switch is receiving power. You should disconnect the network cables from the mini-GBIC/SFP transceivers before hot-swapping them, though.

When you replace a mini-GBIC/SFP transceiver with another of a different type, the switch may retain selected port-specific configuration settings that were configured for the replaced unit. Be sure to validate or reconfigure port settings as required.

**Mini-GBIC/SFP Connections to Devices with Fixed Speed/Duplex Configurations.** When connecting a device to your switch port that contains a mini-GBIC/SFP transceiver, the speed and duplex settings of the switch port and the connected device must match; otherwise, the device may not link properly — you may not get a link. For some older network devices, including some older HP devices, the default speed/duplex settings may be predefined (for example, to 1000 Mbps/Full Duplex), or otherwise set differently from the default configuration of your switch port. Because of these default speed/duplex considerations, you should make sure that devices connected to your mini-GBIC/SFP ports are properly configured. At a minimum, make sure the configurations match.
Safety Precautions

To avoid personal injury or product damage when installing your switch, read the installation precautions and guidelines below.

### Installation Precautions

#### Warnings

- The rack or cabinet should be adequately secured to prevent it from becoming unstable, tilting or falling.
  
  Devices installed in a rack or cabinet should be mounted as low as possible, with the heaviest devices at the bottom and progressively lighter devices above.

- Do not wall-mount any switch without checking for restrictions in the *Installation and Getting Started Guide*.
  
  Wall-mount the switch with network ports facing up or down (away from or toward the floor). Do not wall-mount the switch with the ventilation holes facing up or down.

#### Cautions

- Ensure the power source circuits are properly grounded, then use the power cord supplied with the switch to connect to the AC power source.

- If your installation requires a different power cord than the one supplied with the switch and/or power supply, be sure the cord is adequately sized for the switch’s current requirements. In addition, be sure to use a power cord displaying the mark of the safety agency that defines the regulations for power cords in your country/region. The mark is your assurance that the power cord can be used safely with the switch and power supply.

- When installing the switch, the AC outlet should be near the switch and should be easily accessible in case the switch must be powered off.

- Ensure the switch does not overload the power circuits, wiring, and over-current protection. To determine the possibility of overloading the supply circuits, add together the ampere ratings of all devices installed on the same circuit as the switch and compare the total with the rating limit for the circuit. The maximum ampere ratings are usually printed on the devices near the AC power connectors.

- Do not install the switch in an environment where the operating ambient temperature exceeds its specification.

- Ensure the air flow around the switch is not restricted. Leave at least 7.6 cm (3 inches) for cooling.

For additional Safety and Regulatory information, refer to the Safety and Regulatory documentation included with your switch.

Russia/Belarus/Kazakhstan/CEE Safety: EAC