Office Phones

The phones and accessories outlined below are supported for use with the Brandeis phone system. Know what you’d like to buy? Order a new phone or accessories. All Prices are approximate, prices fluctuate daily.

Regular Office Phones

<table>
<thead>
<tr>
<th>Features</th>
<th>Cisco 3905</th>
<th>Cisco 8811</th>
<th>Cisco 8851</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>- A graphical monochrome display with a resolution of 128 x 32 pixels provides a scrollable two-line intuitive access to phone services and configuration.</td>
<td>- The 5-in., 800 × 480 resolution, grayscale display provides scrollable access to calling features and text-based XML applications.</td>
<td>- The 800 × 480, 24-bit color, 5-in. WVGA display provides scrollable access to calling features and text-based XML applications.</td>
</tr>
</tbody>
</table>
### Handset
- The handset is a standard wideband-capable audio handset (connects through an RJ-9 port).
- The standard coiled cord has a custom end for concealed cable routing beneath the phone (cord length is approximately 21 in. [55 cm] coiled and up to 72 in. (183 cm) extended).
- The handset is hearing aid-compatible (HAC) and meets Federal Communications Commission (FCC) loudness requirements for the Americans with Disabilities Act (ADA). You can achieve Section 508 loudness requirements using industry-standard inline handset amplifiers such as Walker Equipment W-10 or CE-100 amplifiers. The dial pad is also ADA-compliant.

### Speakerphone
- A full-duplex speakerphone allows for flexibility in placing and receiving calls.
- The full-duplex speakerphone gives you flexibility in placing and receiving calls with hands-free. For added security, the audible dual tone multifrequency (DTMF) tones are masked when the speakerphone mode is used.

### Ethernet Switch
- The phone has a 10/100BASE-T Ethernet connection through two RJ-45 ports, one for the LAN connection and the other for connecting a downstream Ethernet device such as a PC.
- An internal 2-port Cisco Ethernet switch allows for a direct connection to a 10/100/1000BASE-T Ethernet network (IEEE 802.3/802.3u/802.3ab) through an RJ-45 interface with single LAN connectivity for both the phone and a co-located PC.
- The system administrator can designate separate VLANs (IEEE 802.1Q) for the PC and phone, providing improved security and reliability of voice and data traffic.
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- The system administrator can designate separate VLANs (IEEE 802.1Q) for the PC and phone, providing improved security and reliability of voice and data traffic.

### Analog Headset
- No
- The analog headset jack is a standard wideband-capable RJ-9 audio port.
- The analog headset jack is a standard wideband-capable RJ-9 audio port.

### AUX Port
- No
- You can use an auxiliary port to support electronic hookswitch control with a third-party headset connected to it.
- You can use an auxiliary port to support electronic hookswitch control with a third-party headset connected to it.

### Wall Mountable
- You can fold the foot stand for wall mounting, with mounting holes located on the base of the phone.
- You can install the phone on a wall using an optional wall-mount kit (available separately).
- You can install the phone on a wall using an optional wall-mount kit (orderable separately).
| Keys/Buttons | • Select, Back, and Two-Way Navigation  
• Redial, Transfer, and Hold/Resume  
• Standard dial pad  
• Mute, Volume Up/Down, and Speakerphone | • Line keys  
• Soft keys  
• Back and release keys  
• Four-way navigation and select keys  
• Hold/Resume, Transfer, and Conference keys  
• Messaging, Application, and Directory keys  
• Standard keypad  
• Volume-control toggle key  
• Speakerphone, headset, and mute keys | • Line keys  
• Soft keys  
• Back and release keys  
• Four-way navigation and select keys  
• Hold/Resume, Transfer, and Conference keys  
• Messaging, Application, and Directory keys  
• Standard keypad  
• Volume-control toggle key  
• Speakerphone, headset, and mute keys |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Key Expansion Module</td>
<td>• No</td>
<td>• No</td>
</tr>
<tr>
<td>Cost</td>
<td>~$75</td>
<td>~$225</td>
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</table>

<table>
<thead>
<tr>
<th>Features</th>
<th>Cisco 8831</th>
<th>Features</th>
<th>Cisco 8800 Key Expansion Module</th>
</tr>
</thead>
</table>
| Superior wideband acoustics | • 160 Hz to 20 kHz, +/-3 dB.  
• The latest in wideband codecs for maximum voice bandwidth.  
• Enhanced speech quality and speaker recognition. | Physical-programmable line and feature keys | • 18 per module |
| Output | • 92-dB SPL peak output | Software-programmable line and feature keys | • 18 (through page 2 key) per module |
160-degrees conical pattern provides even coverage of the listening area.

Four Hemi-Cardioid microphones are perfectly spaced so that they combine to provide a 180-degree pick-up pattern around the device. Speech is captured at the same level at all points around the Cisco Unified IP Conference Phone 8831.

- Ability to grow to fit a variety of room needs.
  - Small Office (base unit)
  - Standard Conference Room (base unit and 2 wired or wireless extension microphones)
  - Boardroom (daisy chaining two base units)
  - Large Boardroom (daisy chaining two base units and 2 wired or wireless extension microphones)

<table>
<thead>
<tr>
<th></th>
<th>Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>~$700</td>
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### Headsets

<table>
<thead>
<tr>
<th>Sennheiser SH330</th>
<th>Sennheiser SH350</th>
<th>Jabra Pro 920 Mono</th>
<th>Jabra Pro 9450 Mono</th>
<th>Jabra Pro 9450 Duo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headset</td>
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</tr>
<tr>
<td>Usage</td>
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<td>• Cisco Desk Phone</td>
<td>• Cisco Desk Phone</td>
<td>• Cisco Desk Phone</td>
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<tr>
<td></td>
<td>• Wired</td>
<td>• Wired</td>
<td>• Wireless DECT</td>
<td>• Wireless DECT</td>
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<tr>
<td>Headphone Type</td>
<td>• Monaural</td>
<td>• Binaural</td>
<td>• Monaural</td>
<td>• Binaural</td>
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<tr>
<td>Required Options</td>
<td>• Headset Connection</td>
<td>• Headset Connection</td>
<td>• EHS Cable</td>
<td>• Jabra LINK 14201-22</td>
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<tr>
<td></td>
<td>• CSTD 08</td>
<td>• CSTD 08</td>
<td>• Jabra LINK 14201-43</td>
<td>• Jabra LINK 14201-22</td>
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<td>• SH330</td>
<td>• 920-69-508-105</td>
<td>• 9450-65-707-105</td>
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<td></td>
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<td>~$150</td>
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<td>~$220</td>
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</tbody>
</table>

* EHS (Electronic Hook Switch) cable is required to answer and end calls.
- **Cisco ATA-187 Analog Line Adapter**
  - Required for all new fax machine installations on campus
  - Two (2) voice ports for use with legacy (analog) telephones or fax machines
  - Uses SIP technology rather than Cisco proprietary SCCP
  - One-year warranty
  - $175.50 (includes license & installation, shipping may be extra)