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 x 480 resolution, grayscale display provides scrollable access to calling features and text-based XML applications.</td>
<td>• The 800 x 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). Section 508 loudness requirements can be achieved 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 802.3i/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.  
• An internal 2-port Cisco Ethernet switch allows for a direct connection to a 10/100/1000BASE-T Ethernet network (IEEE 802.3i/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. |
| **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). |
<table>
<thead>
<tr>
<th>Keys/Buttons</th>
<th>Cisco 8831</th>
<th>Features</th>
<th>Cisco Phone 8832</th>
<th>Features</th>
<th>Cisco 8800 Key Expansion Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select, Back, and Two-Way Navigation</td>
<td>• Line keys</td>
<td>• Line keys</td>
<td>• Line keys</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Redial, Transfer, and Hold/Resume</td>
<td>• Soft keys</td>
<td>• Soft keys</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard dial pad</td>
<td>• Back and release keys</td>
<td>• Back and release keys</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mute, Volume Up/Down, and Speakerphone</td>
<td>• Four-way navigation and select keys</td>
<td>• Four-way navigation and select keys</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Hold/Resume, Transfer, and Conference keys</td>
<td>• Hold/Resume, Transfer, and Conference keys</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Messaging, Application, and Directory keys</td>
<td>• Messaging, Application, and Directory keys</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Standard keypad</td>
<td>• Standard keypad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Volume-control toggle key</td>
<td>• Volume-control toggle key</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Speakerphone, headset, and mute keys</td>
<td>• Speakerphone, headset, and mute keys</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key Expansion Module</th>
<th>• No</th>
<th>• No</th>
<th>• Yes, up to two Key Expansions Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost</td>
<td>~$75</td>
<td>~$225</td>
<td>~$275</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Features</th>
<th>Cisco 8831</th>
<th>Features</th>
<th>Cisco Phone 8832</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior wideband acoustics</td>
<td>• 160 Hz to 20 kHz, +/-3 dB.</td>
<td>• The latest in wideband codecs for maximum voice bandwidth.</td>
<td>Physical-programmable line and feature keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Enhanced speech quality and speaker recognition.</td>
<td></td>
<td>• 18 per module</td>
<td></td>
</tr>
<tr>
<td>Output</td>
<td>• 92-dB SPL peak output</td>
<td>Software-programmable line and feature keys</td>
<td>• 18 (through page 2 key) per module</td>
<td></td>
</tr>
</tbody>
</table>
### Expanded Room Coverage
- 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)
- Medium to large conference rooms up to 26 people; 800 sq ft/74.3 sq. m
- Ability to grow to fit a variety of room needs:
  - Large Boardroom: daisy-chain – 1 additional base unit (available Q1-Q2CY2018)
  - Expansion microphones: Wired, DECT Wireless” and charging stations* (*available Q1-Q2CY2018)
- Wideband (G.722), full duplex

### 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)

### Total Programmable Line and Feature Keys
- 36 per module; adds up to 72 in 2-module configuration

### Cost
- ~$700
- ~$250

### Headsets

<table>
<thead>
<tr>
<th>Headset</th>
<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>
<th>Jabra Engage 65 Stereo</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Usage</strong></td>
<td>Mono</td>
<td>Mono</td>
<td>Mono</td>
<td>Mono</td>
<td>Mono</td>
<td>Mono</td>
</tr>
<tr>
<td><strong>Headphone Type</strong></td>
<td>Monaural</td>
<td>Binaural</td>
<td>Monaural</td>
<td>Monaural</td>
<td>Binaural</td>
<td>Monaural</td>
</tr>
<tr>
<td><strong>Required Options</strong></td>
<td>Headset Connection</td>
<td>Headset Connection</td>
<td>EHS Cable</td>
<td>Jabra LINK 14201-22</td>
<td>EHS Cable</td>
<td>Jabra LINK 14201-22</td>
</tr>
<tr>
<td></td>
<td>CSTD 08 (005365)</td>
<td>CSTD 08 (005365)</td>
<td>Jabra LINK 14201-22</td>
<td>Jabra LINK 14201-22</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>Wired</td>
<td>Wired</td>
<td>Wireless DECT 6.0</td>
<td>Wireless DECT 6.0</td>
<td>Wireless DECT 6.0</td>
<td>Secure</td>
</tr>
<tr>
<td><strong>Headset</strong></td>
<td>~$75</td>
<td>~$100</td>
<td>~$150</td>
<td>~$200</td>
<td>~$230</td>
<td>~$200</td>
</tr>
</tbody>
</table>

*List:
  - Sennheiser SH330
  - Sennheiser SH350
  - Jabra Pro 920 Mono
  - Jabra Pro 9450 Mono
  - Jabra Pro 9450 Duo
  - Jabra Engage 65 Stereo

*Cost:
- ~$700
- ~$250

*Connectivity:
- Wired
- Wireless DECT 6.0

*Usage:
- Cisco Desk Phone
- Softphone
- Web Conferencing

*Model Number:
- 920-69-508-105
- 9450-69-707-105
- JBR

*Required Options:
- Headset Connection
  - CSTD 08 (005365)
- EHS Cable
  - Jabra LINK 14201-22

*Secure:
- Secure
<table>
<thead>
<tr>
<th>Item Description</th>
<th>List Price</th>
<th>Retail Price</th>
<th>Discounted Price</th>
<th>Savings</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHS Cable*</td>
<td>$20</td>
<td>$20</td>
<td>$30</td>
<td>$20</td>
<td>$20</td>
</tr>
<tr>
<td>Total</td>
<td>$100</td>
<td>$120</td>
<td>$180</td>
<td>$220</td>
<td>$250</td>
</tr>
</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)