## Business IP Phones

### 1. Overview

<table>
<thead>
<tr>
<th></th>
<th>POLY VVX® 101</th>
<th>POLY VVX® 150</th>
<th>POLY VVX® 201</th>
<th>POLY VVX® 250</th>
<th>POLY VVX® 301/311</th>
<th>POLY VVX® 350</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summary</strong></td>
<td>Single-line IP desk phone</td>
<td>Two-line, entry-level IP desk phone</td>
<td>Two-line IP desk phone</td>
<td>Four-line, basic IP desk phone with color display</td>
<td>Entry level six line business media phone</td>
<td>Six-line, mid-range IP desk phone with color display</td>
</tr>
<tr>
<td><strong>Application Target</strong></td>
<td>Home office or shared/common-areas</td>
<td>Home office or shared/common-areas</td>
<td>Small and medium-sized businesses</td>
<td>Small and medium-sized businesses</td>
<td>Cubicle workers, call centers and small businesses</td>
<td>Cubicle workers, call centers and small businesses</td>
</tr>
</tbody>
</table>

### 2. User Interface Features

<table>
<thead>
<tr>
<th><strong>LCD Display</strong></th>
<th>2.5 in Graphical LCD (132 x 64) resolution</th>
<th>2.5 in Graphical Backlit LCD (132 x 64) resolution</th>
<th>2.8&quot; color LCD screen (320x 240 pixel resolution)</th>
<th>3.2 in Backlit 8-level Grayscale graphical LCD (208 x 104) resolution</th>
<th>3.5&quot; color LCD (320x 240 pixel resolution)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Touch Display</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Expansion Module Support</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 3. Video Features

| **Video Conferencing** | N/A                                        | N/A                                               | N/A                                           | N/A                                                           | N/A                                                           | N/A |
| **Video Mail Support** | N/A                                        | N/A                                               | N/A                                           | N/A                                                           | N/A                                                           | N/A |

### 4. Audio Features

| **Poly HD / Wideband Voice Technology** | HD | HD | Up to 7 kHz on all audio path | HD | HD |
| **Poly Acoustic Fence Technology**     | • | • | • | • | • |
| **Full Duplex Speakerphone with Acoustic Clarity Technology** | • | • | • | • | • |

### 5. Basic Features

| **Lines (Registrations)** | 1 | 2 | 2 | 4 | 6 | 6 |
| **Display/Menu Navigation Keys** | 4-way navigation cluster with center “select” key | 4-way navigation cluster with center “select” key | 4-way navigation cluster with center “select” key | 4-way navigation cluster with center “select” key | 4-way navigation cluster with center “select” key |
| **Hard Keys** | 12-key dialpad, speaker, mute, headset volume | 12-key dialpad, speaker, mute, headset volume | 12-key dialpad, speaker, mute, headset volume | 12-key dialpad, speaker, mute, headset volume | 12-key dialpad, speaker, mute, headset volume |

### 6. Advanced Features

| **Open APIs** | • | • | • | • | • | • |
| **Exchange Calendar Integration** | N/A | • | N/A | • | • | • |
| **USB Call Recording** | N/A | N/A | N/A | • | N/A | • |
| **Voice Quality Monitoring** | • | • | • | • | • | • |
| **Bluetooth** | N/A | N/A | N/A | N/A | N/A | N/A |

### 7. Connectivity

| **USB Port** | N/A | N/A | N/A | 1 x USB 2.0 | N/A | 2 x USB 2.0 |
| **Ethernet Port** | 10/100 | 2 x 10/100 | 2 x 10/100 | 2 x 10/100/1000 | 2 x 10/100/1000 (VVX 300/310) | 2 x 10/100/1000 |

### 8. SKUs

| **Microsoft** | N/A | N/A | 2200-40450-019 | 2200-48820-019 (Skype for Business On-Premises only) | 2200-48300-019 - VVX 301 | 2200-48350-019 - VVX 311 | 2200-48830-019 (Skype for Business On-Premises only) |

*Phones built after July 2017 include voice quality monitoring. Older phones require a voice quality monitoring license.*
## BUSINESS IP PHONES

<table>
<thead>
<tr>
<th>POLY VVX® 401/411</th>
<th>POLY VVX® 450</th>
<th>POLY VVX® 501</th>
<th>POLY VVX® 601</th>
</tr>
</thead>
</table>

### 1. OVERVIEW

#### SUMMARY
- Mid-range twelve line business media phone
- Twelve-line, performance IP desk phone with color display
- Video capable, twelve-line, performance IP desk phone with touch color display
- Video capable sixteen-line, performance IP desk phone with touch color display

#### APPLICATION TARGET
- Front-line staff in small and medium businesses
- Knowledge workers at businesses of all sizes
- Knowledge worker/professional’s office, call center
- Executive office, executive administrators, small and medium business owners

### 2. USER INTERFACE FEATURES

#### LCD DISPLAY
- Backlit 3.5 in color LCD (320 x 240) resolution
- 4.3” color LCD (480x272 pixel resolution)
- 3.5-in TFT LCD display at QVGA (320 x 240 pixel) resolution
- 4.3” in MVA LCD display (480 x 272 pixel) resolution

#### TOUCH DISPLAY
- N/A
- N/A
- N/A
- •

#### EXPANSION MODULE SUPPORT
- Up to 3 Polycom® VVX® Expansion Modules or Color Expansion Modules
- Up to 2 Polycom VVX EM50
- Up to 3 VVX Expansion Modules or VVX Color Expansion Modules
- Up to 3 VVX Expansion Modules or VVX Color Expansion Modules

### 3. VIDEO FEATURES

#### VIDEO CONFERENCING
- N/A
- N/A
- (With camera accessory)
- (With camera accessory)

#### VIDEO MAIL SUPPORT
- N/A
- N/A
- (With camera accessory)
- (With camera accessory)

### 4. AUDIO FEATURES

#### POLY HD / WIDEBAND VOICE TECHNOLOGY
- Up to 7 kHz on all audio path
- HD
- HD
- HD

#### POLY ACOUSTIC FENCE TECHNOLOGY
- •
- •
- •
- •

#### FULL DUPLEX SPEAKERPHONE WITH ACOUSTIC CLARITY TECHNOLOGY
- •
- •
- •
- •

### 5. BASIC FEATURES

#### LINES (REGISTRATIONS)
- 12
- 12
- 12
- 16

#### DISPLAY/MENU NAVIGATION KEYS
- 4-way navigation cluster with center “select” key
- 4-way navigation cluster with center “select” key
- Touch screen display menu
- Touch screen display menu

#### HARD KEYS
- 12-key dialpad, speaker, mute, headset volume
- 12-key dialpad, speaker, mute, headset volume
- 12-key dial pad, home, speaker, mute, headset, volume, messages, hold, transfer
- 12-key dial pad, home, speaker, mute, headset, volume, messages, hold, transfer

### 6. ADVANCED FEATURES

#### OPEN APIS
- •
- •
- •
- •

#### EXCHANGE CALENDAR INTEGRATION
- •
- •
- •
- •

#### USB CALL RECORDING
- •
- •
- •
- •

#### VOICE QUALITY MONITORING
- •*
- •*
- •*
- •*

#### BLUETOOTH
- N/A
- N/A
- N/A
- Integrated Bluetooth 2.1 EDR

### 7. CONNECTIVITY

#### USB PORT
- 1 x USB port for storage and call recording (VVX 411); VVX 400 and 410 do not have USB
- 2 x USB 2.0
- 2 x USB 2.0
- 2 x USB 2.0

#### ETHERNET PORT
- 2 x 10/100 (VVX 400/401)
  2 x 10/100/1000 (VVX 410/411)
- 2 x 10/100/1000
- 2 x 10/100/1000
- 2 x 10/100/1000

### 8. SKUS

#### OPEN SIP
- 2200-48400-025 – VVX 401
- 2200-48450-025 – VVX 411
- 2200-48840-025
- 2200-48500-025
- 2200-48600-025

#### MICROSOFT
- 2200-48400-019 – VVX 401
- 2200-48450-019 – VVX 411
- 2200-48840-019
  (Skype for Business On-Premises only)
- 2200-48500-019
- 2200-48600-019

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