Using PinYin to Input Chinese Characters on Polycom® VVX® Business Media Phones
Feature Profile 76554

PinYin is a commonly used text input method for Chinese characters. It is also used to spell Chinese names in foreign publications. The PinYin text input feature on Polycom® VVX® business media phones uses Nuance XT9® Smart Input to allow users to enter Chinese characters into text input fields using the phone’s dial pad keys or through the onscreen keyboard.

The PinYin text input feature is available on the following Polycom phones:

- VVX 1500 running Polycom® UC Software 4.0.2B or later
- VVX 300/310, VVX 400/410, VVX 500, and VVX 600 running UC Software 5.0.0 or later

Users enter PinYin text using the PinYin text input widget or the onscreen keyboard. You must download a license key onto the user’s phone before they can use this feature.

Web Info: Downloading License Keys
To learn about license keys, see Technical Bulletin 32265: Activating Feature Licensing on Polycom SoundPoint IP, SoundStation IP, and VVX Phones.

Note: Entering PinYin Text on VVX 300/310 and VVX 400/410 Phones
Since the VVX 300/310 and VVX 400/410 phones do not have a touch screen, the user can only enter PinYin text on these phones using the PinYin text input widget.

After you have downloaded the license key to the user’s phone, they select either Simplified or Traditional Chinese as the displayed language to set PinYin as the default text input mode.

The PinYin text input feature can be used to enter the following:

- First names, last names, and labels in the local contact directory
- Quick search names, first names, and last names in the corporate directory
- Any text in the browser

Web Info: Available Documentation
A PinYin Text Input Quick User Guide is available to assist your users. It is attached to this document. For information on features available in Polycom’s UC software, see the latest Polycom UC Software Administrators’ Guide on the Polycom Support Web site.
Note: Screenshots Shown in This Feature Profile

Screenshots from the VVX 500 and VVX 1500 phones are used to show the user interface. The user interface on the VVX 300/310, VVX 400/410, and VVX 600 phones are similar.

**Entering PinYin Using the PinYin Input Widget**

This section shows how users enter PinYin into text input fields in their phone’s local contact directory, corporate directory, or browser using the PinYin input widget, shown in Figure 1 and Figure 2.

**Figure 1: VVX 500 PinYin Input Widget on the Local Contact Directory**

![Figure 1: VVX 500 PinYin Input Widget on the Local Contact Directory](image1)

**Figure 2: VVX 1500 PinYin Input Widget on the Local Contact Directory**

![Figure 2: VVX 1500 PinYin Input Widget on the Local Contact Directory](image2)
Users use the phone’s physical keys, including the dial pad, navigation keys, and **Delete** key to enter or delete Chinese characters using the PinYin text input widget. The PinYin input widget components are shown in Figure 3.

**Figure 3: PinYin Input Widget Components**

When the user selects a text input field to edit, and the displayed language is Simplified or Traditional Chinese, the PinYin input widget will be the default input method.

The match area shows the possible PinYin matches based on the dial pad keys pressed. For example, if the user presses 7464, the possible matches in PinYin display in the match area, with the first match highlighted, as shown in Figure 3. Users press to toggle between match selections in the match area or to delete any input.

The recommendation area shows the possible matches for the data in the match area. For example, as shown in Figure 3, when Qing is selected, the recommendation area shows '庆情清青平轻晴萍评'. If more matches are available, a navigation indicator displays, as shown in Figure 3. The user uses the left and right arrow keys to change the selected character. The user can also tap the touch screen to change the selected character.

To enter a selected Chinese character into the text input field, the user presses the **Select** key. Once entered, the character displays in the input field at the cursor location.

The PinYin input widget disappears if the user presses or no keys are pressed for 5 seconds.

**Entering PinYin Using the PinYin Onscreen Keyboard**

This section shows how users access the onscreen keyboard, set the onscreen keyboard’s default input mode to PinYin, and enter PinYin into text input fields in the phone’s local contact directory, corporate directory, or browser using the PinYin onscreen keyboard.

Since the VVX 300/310 and VVX 400/410 phones do not have a touch screen, the user cannot enter PinYin text on these phones using the onscreen keyboard. See **Entering PinYin Using the PinYin Input Widget** to show how users can enter Pinyin text on the VVX 300/310 and VVX 400/410 phones.
To access the onscreen keyboard on the VVX 500, VVX 600, and VVX 1500 phones, users tap on the phone’s touch screen when a text input field is present. The onscreen keyboard displays, as shown in Figure 4 and Figure 5.

**Figure 4: VVX 500 PinYin Onscreen Keyboard**

![VVX 500 PinYin Onscreen Keyboard](image)

**Figure 5: VVX 1500 PinYin Onscreen Keyboard**

![VVX 1500 PinYin Onscreen Keyboard](image)

To set the onscreen keyboard’s default input mode to PinYin, users tap on the phone’s touch screen and select XT9-PinYin. They then use the onscreen keyboard to enter PinYin using the phone’s touch screen.
Using the Onscreen Keyboard in the Contact and Corporate Directories

Users can use the PinYin onscreen keyboard to enter PinYin characters into text input fields in the phone’s local contact directory and corporate directory. The PinYin onscreen keyboard components in directories are shown in Figure 6 and Figure 7.

Figure 6: VVX 500 PinYin Onscreen Keyboard Components in Directories

Figure 7: VVX 1500 PinYin Onscreen Keyboard Components in Directories

The pre-edit text area, shown in the previous figures, displays any entries made using the onscreen keyboard. Users use the backspace key on the onscreen keyboard to delete characters in the pre-edit text area. For example, when you enter Qing, shown in the previous figures, the recommendation area displays “清请清青轻晴倾轻清清”。 If more matches are available, a navigation indicator displays. The user uses the left and right arrow keys to change the selected character. The user can also tap the touch screen to change the selected character.
To select the character from the recommendation area, the user taps on the onscreen keyboard. Once entered, the character displays in the input field at the cursor location, and the PinYin onscreen keyboard disappears.

**Using the Onscreen Keyboard in the Browser**

Users can use the PinYin onscreen keyboard to enter Chinese characters into text input fields in the phone’s browser. The PinYin onscreen keyboard components in the browser are shown in Figure 8 and Figure 9.

**Figure 8: VVX 500 PinYin Onscreen Keyboard Components in the Browser**

![Figure 8: VVX 500 PinYin Onscreen Keyboard Components in the Browser](image)

**Figure 9: VVX 1500 PinYin Onscreen Keyboard Components in the Browser**

![Figure 9: VVX 1500 PinYin Onscreen Keyboard Components in the Browser](image)

When the user selects a field to edit, the browser automatically scrolls up or down the Web page to make the input field visible with the onscreen keyboard.
Note: Location of Input Mode Selection Has Moved

The PinYin entry mode selection key is now on the right-hand side of the onscreen keyboard.

Users use the backspace key on the onscreen keyboard to delete characters in the pre-edit text area. Users tap to close the onscreen keyboard.
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