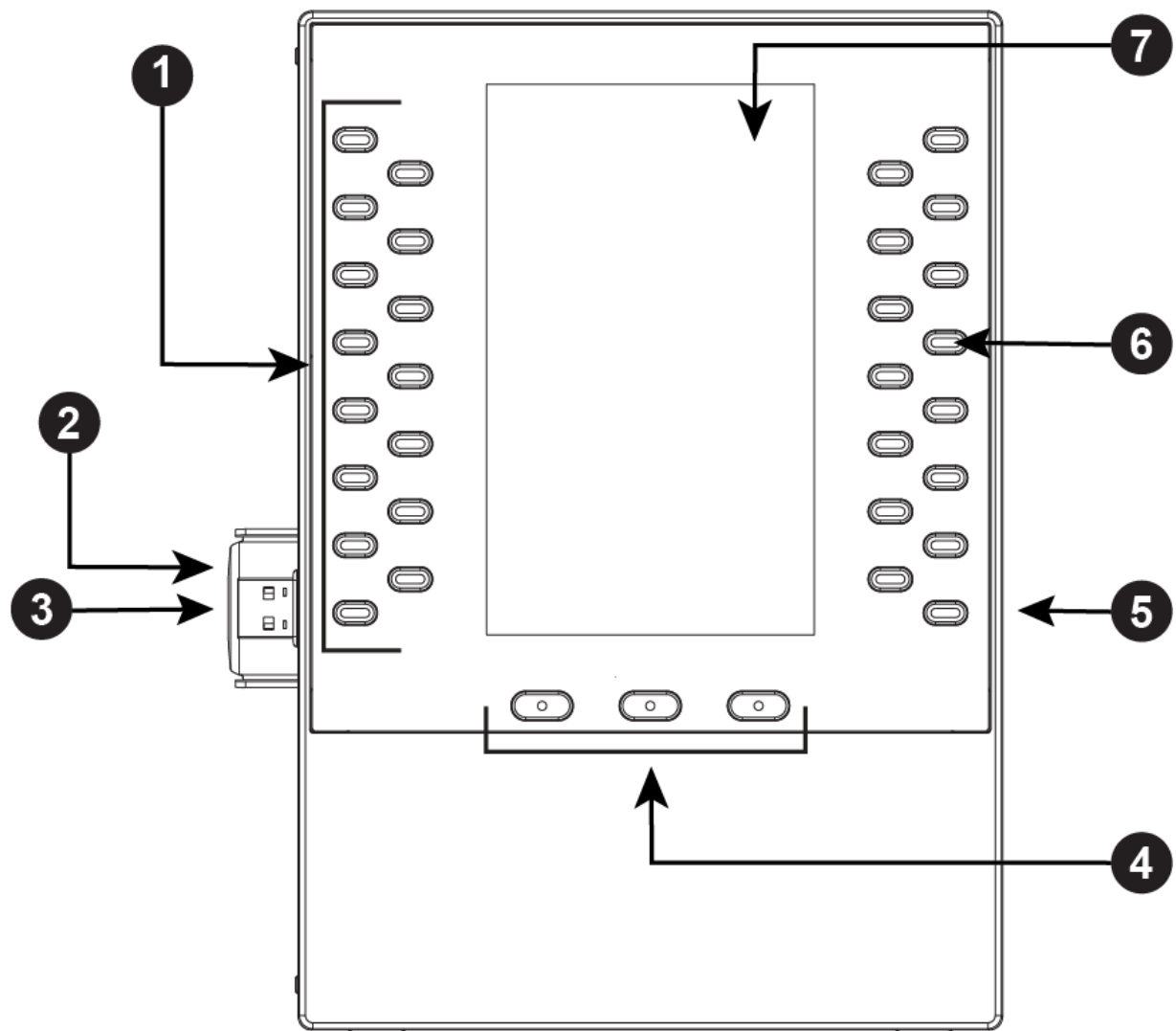# Polycom Documentation

VVX EM 50 Expansion Module Hardware Features

The following features are available on the VVX EM 50 expansion module:

- 480 x 800 pixel, color LCD display
- 30 line keys and three display pages, which support a total of 90 lines that you can set up with registrations, favorites, or presence contacts.
- Support for up to two expansion modules connected to a VVX 450 business IP phone to support an additional 180 line keys per phone.

The following figure illustrates the features, components, and keys available on the VVX EM 50 expansion module. The table lists each numbered feature shown below.

Figure 1. VVX EM 50 Hardware Features

Table 1. VVX EM 50 Hardware Description

Reference Number	Feature	Feature Description

Reference Number	Feature	Feature Description
3	USB plug	Connects the expansion module to the phone.
4	Page keys and LED indicators	Navigates between pages on the expansion module. ● Fast-Flashing Green—Indicates an incoming call on a page not currently displayed. Press the page key that has a fast-flashing green LED indicator to view the contact with an incoming call. ● Slow-Flashing Green—Indicates a monitored busy lamp field contact on a page not currently displayed is receiving an incoming call. ● Solid Red—Indicates the current page displayed.
5	USB port (on side)	Enables you to connect USB devices to the expansion module, such as an additional expansion module or a USB flash drive.
6	Line key LED indicators	Indicates a line or busy lamp field contact's status. The following lists the LED Indicator behaviors shown on the expansion modules: ● Solid Green—Indicates an active call in progress. ● Fast-Flashing Green—Indicates an incoming call. ● Flashing Green—Indicates the remote party placed the call on hold. ● Solid Red—Indicates the phone of a monitored busy lamp field contact is placing a call or is in a call. ● Flashing Red—Indicates a held call. ● Flashing Green and Red—Indicates the phone of a monitored busy lamp field contact is on an active call or is receiving an incoming call.

Reference Number	Feature	Feature Description
7	Color Display	Displays line numbers, monitored contacts, contacts' presence, and favorites.

Related Topics

Polycom VVX EM 50 Expansion Modules

Overview of Phone Hardware and Keys