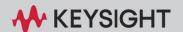# Keysight EasyEXPERT+ Software for B1500 Mainframe

Installation Instruction for 6.5.2436.1070

This is an Instruction Sheet for EasyEXPERT+ Software. More details about this product can be obtained at : B1500 Driver, Firmware and Software | Keysight

Notices

About this document

This document contains the following:

- PRODUCTS AND THE FIRMWARE REVISIONS THAT WORK WITH THIS SOFTWARE
- NOTE
- System Requirements
- Installation Instructions
- Before Starting Desktop EasyEXPERT
- Other Documents
- Known Defects
- Software

PRODUCTS AND THE FIRMWARE REVISIONS THAT WORK WITH THIS SOFTWARE

This EasyEXPERT revision 6.5.2436.1070 works with the following products/firmware.

- B1500A/B1505A: A.04.00 or later.
- E5260A/62A/63A/70B: B.01.10 or later
- B2900A: All revisions. When using the firmware license, 3.0 or later is needed.
- B2900B: All revisions.

Note

- Remote Control Interface is not supported on B1500A that runs on Windows XP.
- For more details of the supported instruments and features, refer to the EasyEXPERT group+ technical overview.

System Requirement

The following is the minimum requirement for executing EasyEXPERT group+ software on an external PC.

- Display: XGA 1024x768 (SXGA 1280x1024 recommended)
- Hard disk drive: 1 GB free space in the C drive, more than 30 GB free space is recommended for test setup/result data storage.

- GPIB interface (for the Online execution mode):
  - Keysight 82350B/C, 82351B PCI type GPIB interface; highly recommended
  - Keysight 82357A/B USB type GPIB interface
  - National Instrument GPIB-USB-HS

  NOTE: USB GPIB interface might cause serial poll error. See more details in the Data Sheet.
- Operating systems:
  - Windows 10 Pro (32bit/64bit)
    - Processor: Windows 10 certified PC
    - Memory: 2 GByte memory
  - Windows 11 Pro (32bit/64bit)
    - Processor: Windows 11 certified PC
    - Memory: 2 GByte memory
  - Language:
    - English (US) or Japanese
- Software:
  - Microsoft .NET Framework 3.5 Service Pack 1
  - Keysight IO Libraries Suite revision requirement (for the Online execution mode)
    - IO Libraries Suite 17.1 update 1 or later

  NOTE: For Windows 10 and Windows 11, IO Libraries Suite 17.1 update 1 or later is required.

NOTE:

If all the required software is not installed, install them in the above sequence. For example, if a certain software is not installed, install it and then install all the software that are listed after the software, in the sequence listed above.

If you are installing to Windows 10 or Windows 11, you need the Internet connection to enable the .NET 3.5, because by default the .Net 3.5 is not enabled. In this case, refer to the Instruction that is available in the download website.

For the IO Libraries Suite, obtain from Keyisight.com website.

The other required software are stored in the "Prerequisites" folder.

Note that EasyEXPERT for PC does not support IO Libraries 14.2 or prior versions.

Installation Instruction

To install EasyEXPERT group+ onto your computer, follow the procedure below.

1. Insert the EasyEXPERT group+ software CD-ROM into the CD-ROM drive or install the downloaded files to your PC.

2. Double click the EasyEXPERT executable file.

3. Follow the instructions of the setup wizard.

4. Wait for installation to complete.

5. Launch Start EasyEXPERT by selecting from the Start menu or by double clicking the Start EasyEXPERT icon on the desktop. The Start EasyEXPERT window and the Execution Mode dialog box are displayed.

6. In the dialog box, set the execution mode to Online or Offline.

7. If you select the online mode, set the GPIB interface on your computer and the GPIB address of the B150xA or E526x/E527x/B2900 connected to your computer via GPIB.

NOTE:
To optimize the appearances of the EasyEXPERT window, set the Font size to "Normal" on the Display Properties window's Appearance tab. To open the Display Properties, launch "Display" from the Control Panel.

Supported instrument and the firmware requirement is as follows.

- B150xA
    - A.04.00 or later
- E5260A/E5262A/E5263A/E5270B
    - B.01.10 or later
- B2900A/B Series
    - 1.0 or later

Before Starting EasyEXPERT+ for PC

Note the following when starting EasyEXPERT for PC.

- When using the offline mode, use the data import/export function to transfer your test setup data files and test result records.
- When using the online mode with B150xA, exit EasyEXPERT on the B150xA. The Start EasyEXPERT window (button) must be displayed or be minimized to the Windows task bar on the B150xA screen.
- Do not send a control command to B150xA or B2900/E5260/E5270 by using a programming environment except for EasyEXPERT for PC.
- Do not send a control command to B150xA or B2900/E5260/E5270 by using the GPIB IO statement in a test definition of EasyEXPERT.

End of document.