HP BenchLink XL 54600
Software for HP 54600-Series Oscilloscopes
Version 1.01
README.TXT file (Version 1.01)
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HP BenchLink XL 54600 offers the following capabilities:

- Capture waveform data and screen images in Excel® and Word® with a mouse click.

- Save and restore oscilloscope settings.

- ActiveX™ Custom Control for easy programming.

- Programming examples included for several popular programming environments.

Complementary Start-Up Assistance

Hewlett-Packard (HP) will provide Start-Up Assistance at no charge to resolve questions relating to the installation, operation, and use of this software product. Start-Up Assistance is available to help you install the software on your PC, establish communication with a compatible instrument, and answer questions relating to the functionality of the software components provided by HP. Start-Up Assistance does not support requests to modify or enhance the functionality of the software. For services not covered by Start-Up Assistance, you may be referred to fee-based services for advanced assistance.

HP will make reasonable efforts to respond to each customer request for Start-Up Assistance within two working days, but is under no obligation to respond within a prescribed time frame. Requests for Start-Up Assistance are handled in the order in which they were received. HP will make reasonable efforts to solve customer problems, but cannot guarantee success.

Hewlett-Packard reserves the right to terminate Start-Up Assistance at any time without notice.

HP VEE and Other Instrumentation System Drivers

HP 54600-Series Oscilloscope drivers for HP VEE and other test system development environments can be found in the \drivers directory on the HP BenchLink XL CD-ROM.

HP 54600-Series Oscilloscope Manuals

The HP 54600-Series Oscilloscope manuals are available in Adobe® Acrobat® format (.PDF) in the \manuals directory on the HP BenchLink XL CD-ROM. Also included in this directory is the Acrobat Reader program for viewing the .PDF files.

HP BenchLink XL On-Line Help System

During installation, the appropriate on-line help system language version is installed based on the operating system detected on the PC. In addition, the help files can be accessed directly from the appropriate localization help sub-directory on the HP BenchLink XL CD-ROM.

The help system is also available in Adobe® Acrobat® format (.PDF) in the \pdf_help directory on the HP BenchLink XL CD-ROM. See the \manuals\adobe directory on the CD-ROM to download the Acrobat Reader program for viewing the .PDF files.

HP BenchLink Suite Software

An evaluation copy of HP BenchLink Suite, which includes HP BenchLink Scope, HP BenchLink Arb, HP BenchLink Meter, and HP BenchLink Spectrum Analyzer can be found in the \benchlink directory on the HP BenchLink XL CD-ROM.

Frequently-Asked Questions

A list of Frequently-Asked Questions (FAQs) for HP BenchLink XL is available in the \faqs directory on the HP BenchLink XL CD-ROM (in .txt format).

For the latest list of FAQs, go to the HP web site at www.tmo.hp.com and click on "Online Help" in the Technical Support section. The latest version of this Readme file is included in the list of FAQs.

Windows 95 and HP SICL F.01.01 and Earlier

Windows 95 32-bit HP SICL and VISA versions F.01.01 and earlier will, by default, yield the CPU during I/O operations. HP BenchLink XL requires that the CPU not be yielded during I/O operations. This is the default operation for HP SICL versions F.01.02 and later.

For HP SICL versions F.01.01 and earlier, add a registry entry which instructs SICL not to yield during I/O operations. Add the following key:

   "HKLM/Software/Hewlett-Packard/SICL/CurrentVersion/Options"

Under this key, add a string entry "Yield" with a value "false".

Windows 95 and HP SICL 'Options' Menu

In the I/O Configuration program, the following selections are available in the 'Options' menu:

SICL Yield (Win95 only)
  - False (Default)   * SICL does not yield the CPU during I/O
  - True   * SICL yields the CPU during I/O

Note: SICL Yield must be 'False' for proper operation of some Plug&Play drivers. This will prevent a potential deadlock from within a Windows message handler.

LabVIEW Version 5.1 Required

The HP BenchLink XL ActiveX Control will not work properly in versions of LabVIEW prior to version 5.1.

Known Problems With HP 54645A/D Oscilloscopes

The HP 54645A/D Oscilloscopes have a firmware defect that will allow only 64 learn strings from the ":SYST:SET #<definite block>" command. Additional learn strings will not be accepted and the "Invalid Block Data" error will be generated.

Therefore, the object.Utilities.WriteStateData() Method of the HP54600Scope Control and HP54600EZ Automation Server can be invoked only 64 times before encountering this problem. The work-around for this problem is to cycle the power on the oscilloscope.

Troubleshooting Tips and Technical Support Information

For troubleshooting tips and technical support information, first refer to the HP BenchLink XL 54600 on-line help system. For further assistance, contact the HP BenchLink Technical Support personnel at the support numbers listed on the following page:

Country	Telephone	Fax	E-Mail
Australia	1 800 629 485	03 9272 0749	info_hptmo@aus.hp.com
Austria	—	(0180) 524-6335	messtechnik_support@hp.com
Bangladesh	880-2-9130480	880-2-871034	jiu@bangla.net
Belgium	32-2-778.59.50	32-2-778.59.51	—
Brazil	(+55 11) 7297-8600	(+55 11) 7297-8171	tmobrasil@hp.com
Canada	877 894-4414	(905) 206-4120	—
China	86 10 65645261	86 10 65668250	HPAcademy_China@hp.com
Czech Republic	+420 2 61307111	—	—
Denmark	45 99-15-15	+45 45 82 06 30	test_measurement@hp.dk
Europe	—	31 20 547 7700	ots_europe@hp.com
Finland	358-9-8872 2100	358-9-8872 2923	tmodirect@finland.hp.com
France	—	01 69 82 6535	—
Germany	—	(0180) 524-6335	messtechnik_support@hp.com
Hong Kong	(852) 2599 7889	(852) 2506 9256	—
Hungary	(36) 1 4618111	(36) 1 4618222	—
India	011-6906216	011-6826027	sujata_sharma@hp.com
Indonesia	62-21 3800902	62-21 3518814	tmomarketing@berca.co.id
Ireland	01 615 8222	—	—
Israel	03 53 80 377	03 53 76 505	—
Italy	—	02 92 10 40 69	hpi_direct@hp-italy-gen3.0m.hp.com
Japan	81-426-56-7832	81-426-56-7840	mac_support@om.jpn.hp.com
Korea	82/2-769-0800	82/2-784-5839	asia_ots-korea@hp.com
Luxembourg	32-2-778.59.50	32-2-778.59.51	—
Malaysia	1-800-88-8848	603-298 9157	hp-direct_my@hp.com
Mexico	(5) 258-4209	—	—
Netherlands	020 547 6669	020 547 7765	—
New Zealand	0800 738 378	04 802 6881	info_hptmo@aus.hp.com
Norway	+47 2273 5759	+47 2273 5629	test_measurement@norway.hp.com
Pakistan	92-51-818-959	92-51-816-190	mushkoib@isb.compol.com
Philippines	(632) 814-1066	(632) 811-1080	HPPDirect-sales@hp.com
Poland	+48 (022) 6087700	+48 (022) 6087600	—
Portugal	—	91 631 1469	—
Russia	+7-095-797 3500	+7-095-797 3787	—
Singapore	3744242	2754709	mindy-ml_chee@hp.com
South Africa	+27-11-806 1000	+27-11-444-1725	—
Spain	—	91 631 1469	—
Sri Lanka	941-597-860	941-597-863	dayankaru@sscomp.co.ae
Sweden	(08) 444-2277	46 8 444-2525	test-measurement@sweden.hp.com
Switzerland	—	(0180) 524-6335	messtechnik_support@hp.com
Taiwan	0800-47866	—	—
Thailand	(02) 661-3900	(02) 661-3946	—
Turkey	(90/312) 468 87 70	(90/312) 468 87 78	—
United Kingdom	01344-366666	01344-362852	uktmo_sales@hp.com
United States	800 452 4844	888-900-8921	—
Viet Nam	844-8-229808	844-8-229553	sysco.vn@hn.vnn

NOTE: In all other countries, please contact your local HP Representative or go to the HP web site at www.tmo.hp.com.