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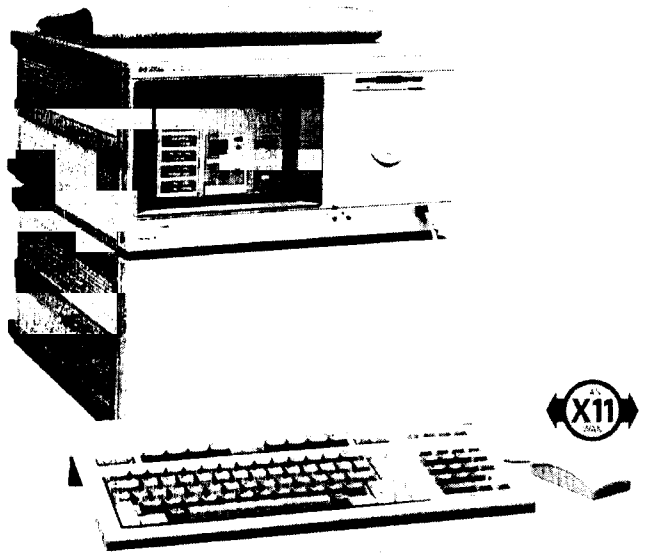
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# LOGIC ANALYZERS

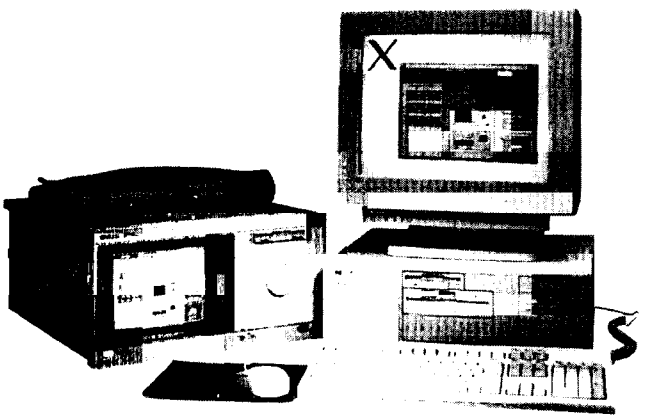
## Modular Logic Analysis System Mainframes

### HP 16500B, 16501A, 16500H, 16500U

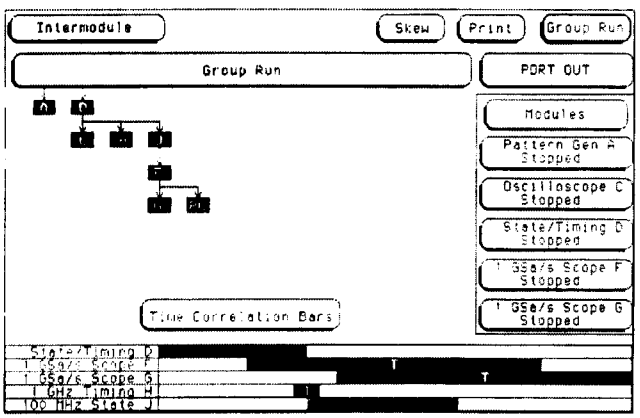



HP 16500B modular logic analyzer with color touchscreen, keyboard or mouse driven user interface helps you quickly solve today's problems and provides room to grow in the future.






The HP 16500B's menus can be remotely viewed and controlled from a PC or workstation using the X-Window protocol.




Powerful cross-domain triggering helps you pinpoint problems that display symptoms in one domain but are caused by activity from another domain.

## A Complete Digital Design Team Tool

The HP 16500B modular logic analysis system mainframe can be configured for a wide range of measurement tasks, including microprocessor debug with source-code referencing, timing verification and debug, software performance analysis, and characterization. The modular nature of the HP 16500 series enables you to add new measurement modules as your needs change.

### About the HP 16500B Mainframe

The HP 16500B mainframe and companion HP 16501A expander frame house up to 10 integrated, time-correlated measurement modules—state timing analysis, oscilloscope analysis, pattern generation, ultra-deep data capture and ultra-high-speed timing. A consistent menu-driven user interface spans all modules.

### Fast, Direct User Interface

Save time with the HP 16500B color touchscreen. Simply point to the field you want to change; the touchscreen eliminates the need to search a front panel for the right button. Pop-up menus offer all choices at a glance and the software ensures that you always make a valid choice. Front-panel operations can also be executed with a mouse and/or keyboard, providing complete user-interface flexibility.

### Commitment to Your Investment

Hewlett-Packard is committed to protecting your investment in the HP 16500 series. Since 1987, HP has continuously introduced new and more powerful measurement modules, system software upgrades and analysis/display functionality.

The HP 16500U, 16500A-to-16500B upgrade kit, is an example of HP's commitment to the large installed base of HP 16500A owners. The upgrade kit transforms an HP 16500A frame into a 100 percent compatible, newer generation HP 16500B frame; at just over half of the cost of investing in a new frame.

### Integration into Your Windowed, Networked Environment

The HP 16500B networked user interface brings logic analysis to your computing environment. Use the HP 16500H interface module to connect your 16500B system to Ethernet LAN. Then activate the X-Window System interface for remote viewing and control at your workstation or PC. You can even operate an HP 16500B across the Internet.

### Obtain Network Access to Your Measurement Data

Easily move captured measurement data and screen images into your computer using the HP 16500H interface module and either the NFS or FTP file protocols. You can obtain captured data in a label-by-label ASCII format. Using the NFS protocol, you can mount the logic analyzer and treat captured or stored data as an extention to your file system. If you are not using the HP 16500B in a networked environment, you can store data and screen images to the MS-DOS -based floppy disk drive.

### Store Setups and Data Quickly with Built-in Mass Storage

It's easy to store and retrieve measurement results and setups with the built-in hard disk drive or 3½-inch floppy disk drive. Both disks are MS-DOS compatible.

### Precise Intermodule Measurement Correlation

Run any HP 16500B measurement module independently or combine their capabilities and correlate their acquisitions with 2-ns resolution. The intermodule menu graphically communicates complex arming sequences in an easy-to-understand format.

Use the state analyzer to identify a problem sequence, then arm the timing and oscilloscope modules to trigger only when the measurement context you are interested in occurs.

### Key Literature

The HP 16500B Logic Analysis System, p/n 5963-2118E.
The HP 16500B Logic Analysis System Technical Data, p/n 5963-2314E.
HP 16500H Interface Module, p/n 5963-6710E.

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