

HP 37900
Signaling Test Set
Documentation Map
and Master Index

HP 37900 Signaling Test Set
Documentation Map and Master Index



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HP 37900 Documentation Map

This document helps you find the information you want in the HP 37900 set of manuals.

The first part, the Documentation Map, gives a brief description of the contents of each document.

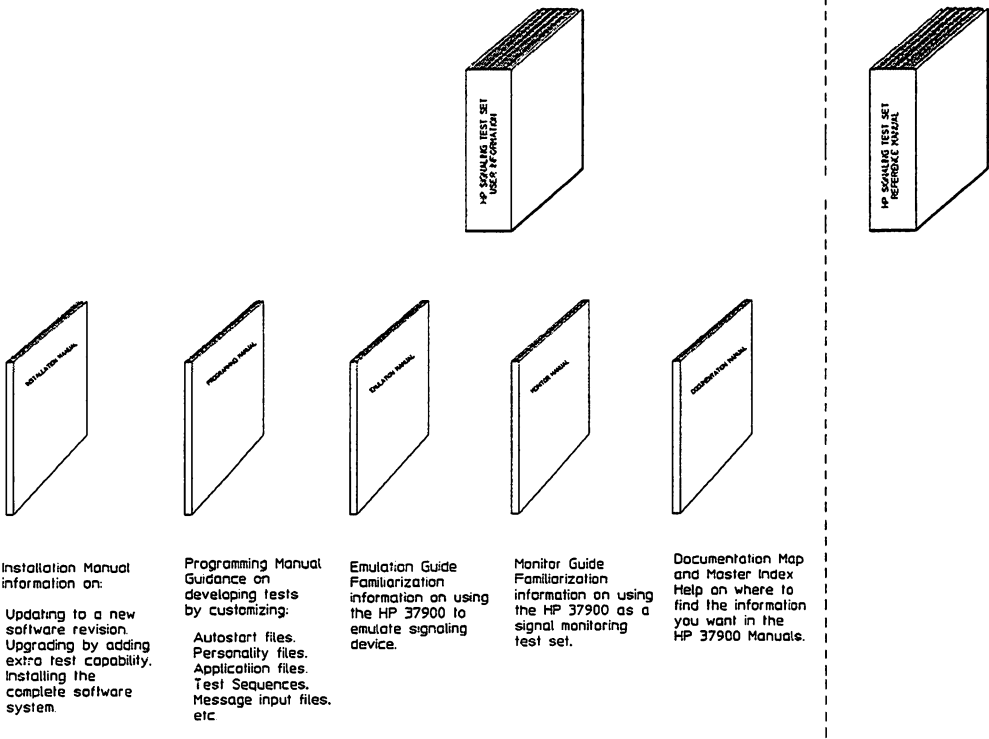
The second part, the Master Index, is a combined index for HP 37900 manuals.

Individual Application Guides are not included in this document.

The following manuals are current for the HP 37900D Software Revision A06.50.

HP Part Number	Manual Title
37955-90001	HP 37955A Basic and Primary Rate ISDN Application for the HP 37900D Signaling Test Set User Guide and Installation Manual
37957-90001	HP 37957A SS7 Statistics Based on Q.791 Application Software for the HP 37900D Signaling Test Set User Guide and Installation Manual
37958-90001	HP 37958A LAPB Application for the HP 37900D Signaling Test Set User Guide and Installation Manual
37967-90001	HP 37967A Interface for HP 8922G Protocol Port Application for the HP 37900D Signaling Test Set User Guide and Installation Manual
37975-90000	HP 37975A IS41 MAP Application for the HP 37900D Signaling Test Set User Guide and Installation Manual
37985-90001	HP 37985A TTC SS7 Monitor Application for the HP 37900D Signaling Test Set User Guide and Installation Manual

Documents Supplied with the HP 37900



Monitor Guide (37900-90087)

- Chapter 1 describes how to startup and operate the HP 37900.
- Chapter 2 describes how to configure the interface cards and connect them to the network.
- Chapter 3 describes how to perform the following tasks in Monitor Mode:
- Set up the signaling conditions.
 - Start monitoring and select the appropriate real-time display.
 - Analyze previously logged data.
- Chapter 4 describes how to set up and use Remote Control and how to copy files.

Emulation Guide (37900-90088)

- Chapter 1 is an overview of a complete emulation operation.
- Chapter 2 describes how to configure the interface cards and connect them to the network.
- Chapter 3 describes how to ensure the correct personality file is active.
- Chapter 4 describes how to set up the internal message catalog.
- Chapter 5 describes how to set up and run the test.
- Chapter 6 describes how to process the test results.
- Chapter 7 describes how to preserve a No7 Signal Path in Through Emulation Mode.
- Chapter 8 contains information on ISDN Emulation.
- Chapter 9 contains information on X.25 Emulation.

Programming Manual (37900-90090)

- Chapter 1 summarizes the files which need to be considered in developing a test.
- Chapter 2 describes how to customize the Autostart File.
- Chapter 3 describes Personality Files and how to customize them.

- Chapter 4 describes the files involved in creating or modifying an Application.
- Chapter 5 describes the operation of Test Sequences and provides the information needed to create or modify a Test Sequence.
- Chapter 6 describes how to create a signaling message using a Message Input File.
- Chapter 7 provides information on the decodes provided by Hewlett-Packard, and describes how to develop decodes.

Installation and Maintenance Manual (37900-90089)

- Chapter 1 describes how to update the HP 37900 Signaling Test Set (STS) software to the current software revision.
- Chapter 2 describes how to upgrade the HP 37900 Signaling Test Set (STS) software by adding more test capabilities, such as Emulation or more signaling protocols.
- Chapter 3 describes how to perform initial installation of software. This is performed by Hewlett-Packard before delivering a new HP 37900, and is only required again if, for example, part of the operating system is corrupted or lost, or if you replace the hard disc.
- Chapter 4 provides information on hardware installation and maintenance.
- Chapter 5 describes how to configure for HP-IB and RS-232-C printers.

Reference Manual (37900-90092)

- Chapter 1 contains a description of the HP 37900D hardware and hardware installation instructions. It also includes information on product options and the available hardware accessories.
- Chapter 2 describes how to start operating the HP 37900, and explains the self-test procedures.

- Chapter 3 explains personalities and personality files, describes how to ensure you have the correct active personality file and how to modify or construct a personality file.
- Chapter 4 contains the cabling information needed to connect the HP 37900 to the signaling system under test.
- Chapter 5 describes how to configure the interface cards for the intended test.
- Chapter 6 provides examples of commonly used datacomms configurations, showing how to connect to the signaling system and configure the cards.
- Chapter 7 describes how to set up the necessary conditions in Monitor Mode before starting to test.
- Chapter 8 describes how to perform the monitor test.
- Chapter 9 describes how to decode and display previously logged data.
- Chapter 10 provides the information needed to modify or create Call-Trace files.
- Chapter 11 describes how to set up the HP 37900 for the test, and how to execute the test.
- Chapter 12 provides the information needed to modify or create test sequences for use in Emulation Mode.
- Chapter 13 provides the information needed to modify or create messages and message catalogs in Emulation Mode.
- Chapter 14 describes how to decode, print and display the emulation test results.
- Chapter 15 describes how to install and configure the communication path between a remote terminal and the HP 37900, and how to establish control from the remote terminal.
- Chapter 16 describes how to use the STS File Manager and its Editor facility.
- Appendix A lists the error messages which can be displayed when installing, self-testing, or operating the HP 37900. Each message is

followed by a brief explanation of the cause of the problem, and recommended corrective action.

Appendix B lists the HP 37900 specifications, and provides the procedures which enable the electrical performance of the 1.544 Mbit/s and 2.048 Mbit/s Interface cards to be tested to their full warranted specification.

Documents Purchased Separately if Required

The HP 37900C Service Manual

(Part Number 37900-90003)

The HP 37900C Service Manual provides the information needed to troubleshoot and repair the HP 37900C hardware.

The HP 37900D Service Manual

(Part Number 37900-90017)

The HP 37900D Service Manual provides the information needed to troubleshoot and repair the HP 37900D hardware.

The HP 37901A and HP 37902A Service Manual

(Part Number 37901-90000)

The HP 37901A and HP 37902A Service Manual provides the information needed to troubleshoot and repair the HP 37901A Signaling Link Processor and HP 37902A Signaling Link Processor Expander.

(Service information for the HP 37900B controller is provided in the appropriate controller document.)

The Index

Each page reference is preceded by a document name abbreviation.

Emu - The Emulation Guide

Inst - The Installation and Maintenance Manual

Mon - The Monitor Guide

Prog - The Programming Manual

Ref - The Reference Manual

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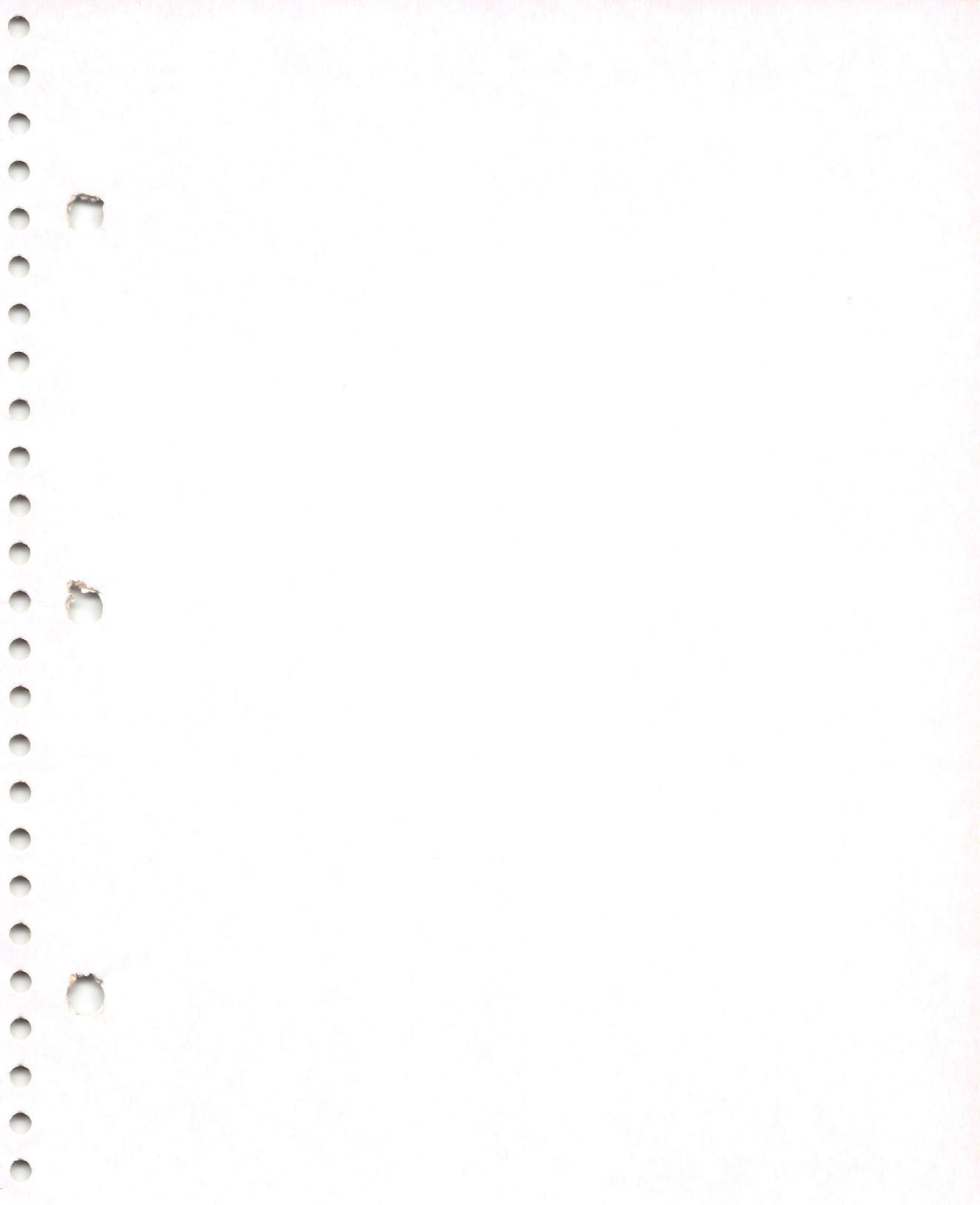
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