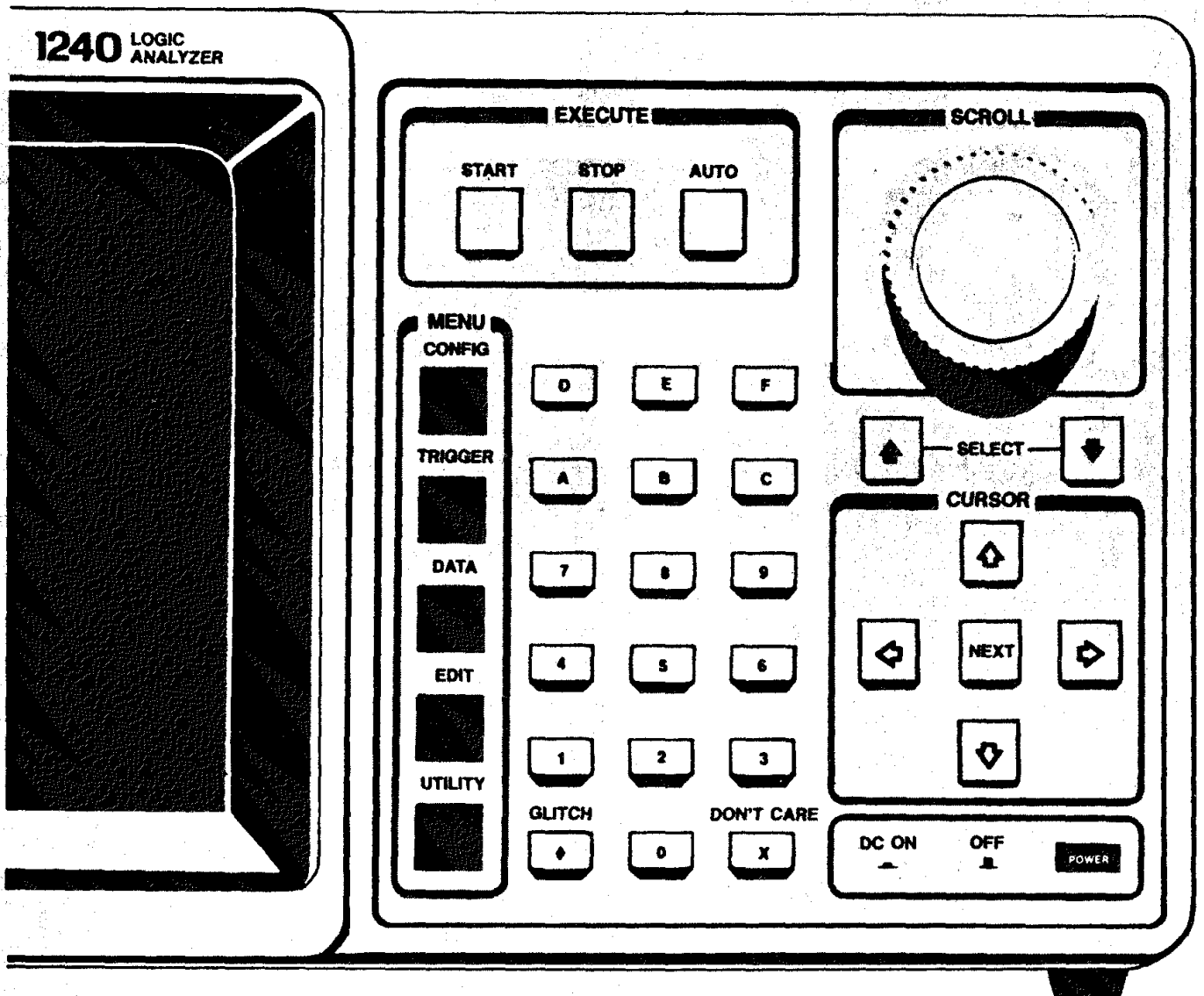


# The 1240 Logic Analyzer



The  
**1240**  
Logic Analyzer

OPERATOR'S MANUAL

PLEASE CHECK FOR CHANGE INFORMATION  
AT THE REAR OF THIS MANUAL


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**Tektronix**<sup>®</sup>  
COMMITTED TO EXCELLENCE

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## PREFACE

This manual describes the Tektronix 1240 Logic Analyzer and the 1240D1 and 1240D2 data acquisition cards. The sample menu displays in this manual are based on a 1240 equipped with two 1240D1s and two 1240D2s.

Operating information for COMMunication, ROM, and RAM packs is not contained in this manual. Refer to the documentation that accompanies these products for complete installation and operating instructions.

Several copies of the *1240 Reference Guide* are provided with each 1240. The *Reference Guide* provides brief descriptions of each 1240 menu and is a valuable quick-reference tool.

## HOW TO USE THIS MANUAL

This manual is designed around the 1240 menu groups, represented by the MENU keys on the front panel. Each menu group has its own section in this manual. Within each section, the menus in the group are described in the order that their soft keys are displayed at the top of the screen, left to right. Other manual sections cover power-up and operator checkout procedures, and general reference information. Section 2 provides several setup examples for first-time users.

Each section in this manual is preceded by a tabbed page so that information can be referenced quickly. Other reference aids include:

- **Manual Table of Contents** — Refer to the Table of Contents, List of Illustrations, and List of Tables at the beginning of this manual for a complete breakdown of the manual.
- **Section Tables of Contents** — Section tables of contents are located on the back of each tab page. Refer to this information for an overview of section contents.
- **Index.** — Refer to the index at the back of the manual for reference to specific subjects.

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## OPERATOR'S SAFETY SUMMARY

Specific warnings and cautions will be found throughout the manual where they apply, but may not appear in this summary.

### TERMS

**In This Manual.** CAUTION statements identify conditions or practices that could result in damage to the equipment or other property.

WARNING statements identify conditions or practices that could result in personal injury or loss of life.

**As Marked on Equipment.** CAUTION indicates a personal injury hazard not immediately accessible as one reads the marking, or a hazard to property including the equipment itself.

DANGER indicates a personal injury hazard immediately accessible as one reads the marking.

### SYMBOLS

#### In This Manual



This symbol indicates where applicable cautionary or other information is to be found.

#### As Marked on Equipment



DANGER — High voltage.



Protective ground (earth) terminal.



ATTENTION — refer to manual.

### POWER SOURCE

This product is intended to operate from a power source that does not apply more than 250 volts rms between the supply conductors or between either supply conductor and ground. A protective ground connection by way of the grounding conductor in the power cord is essential for safe operation.

### GROUNDING THE PRODUCT

This product is grounded through the grounding conductor of the power cord. To avoid electrical shock, plug the power cord into a properly wired receptacle before connecting to the product input or output terminals. A protective-ground connection by way of the grounding conductor in the power cord is essential for safe operation.

### DANGER ARISING FROM LOSS OF GROUND

Upon loss of the protective-ground connection, all accessible conductive parts (including knobs and controls that may appear to be insulated) can render an electric shock.

## **1240 Operator's**

### **USE THE PROPER POWER CORD**

Use only the power cord and connector specified for your product. Use only a power cord that is in good condition.

### **USE THE PROPER FUSE**

To avoid fire hazard, use only the fuse of correct type, voltage rating and current rating as specified in the parts list in the *1240 Service Manual*.

Refer fuse replacement to qualified service personnel.

### **DO NOT OPERATE IN EXPLOSIVE ATMOSPHERES**

To avoid explosion, do not operate this product in an explosive atmosphere unless it has been specifically certified for such operation.

### **DO NOT OPERATE WITHOUT COVERS**

To avoid personal injury, do not operate this product without covers or panels installed.