

Tektronix

224

**Digital Storage Oscilloscope
Operator Manual**

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**Please check for change information at the rear
of this manual.**

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Instrument Serial Numbers

Each instrument manufactured by Tektronix has a serial number on a panel insert or tag, or stamped on the chassis. The first letter in the serial number designates the country of manufacture. The last five digits of the serial number are assigned sequentially and are unique to each instrument. Those manufactured in the United States have six unique digits. The country of manufacture is identified as follows:

B010000	Tektronix, Inc., Beaverton, Oregon, USA
E200000	Tektronix United Kingdom, Ltd., London
J300000	Sony/Tektronix, Japan
H700000	Tektronix Holland, NV, Heerenveen, The Netherlands

Instruments manufactured for Tektronix by external vendors outside the United States are assigned a two digit alpha code to identify the country of manufacture (e.g., JP for Japan, HK for Hong Kong, IL for Israel, etc.).

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Welcome

This manual contains the following sections:

- *Overview* describes the 224 Digital Storage Oscilloscope and provides safety information.
- *At A Glance* describes the controls and connectors for the 224.
- *In Detail* provides further detail on some aspects of the 224, building on the information contained in *At A Glance*. The 15 topics of this chapter are in alphabetical order for your convenience:
 - Acquisition Modes
 - Auto Setup
 - Calibration
 - Capturing Random Events
 - Channels
 - The Display
 - Horizontal Operation
 - Maintenance and Repair
 - Power
 - Probes
 - Saving and Recalling Data
 - Store Mode
 - Triggering
 - Vertical Operation
 - XY Mode
- *Tutorial: Measuring Signals* provides step-by-step instructions to get you started making measurements quickly.

- *Remote Communication* provides information on RS-232 communication procedures between the 224 and a PC.
- *Performance Verification* describes the procedures necessary to verify that the 224 is performing according to specifications.
- *Specifications* provides complete specifications for the 224 Digital Storage Oscilloscope.
- *Accessories* describes the standard and optional accessories available for the 224.
- *Glossary* defines various words used in the text.
- The *Index* helps you locate information quickly.

NOTE

If you have never used an oscilloscope before, please read the tutorial in Appendix A before using the 224.



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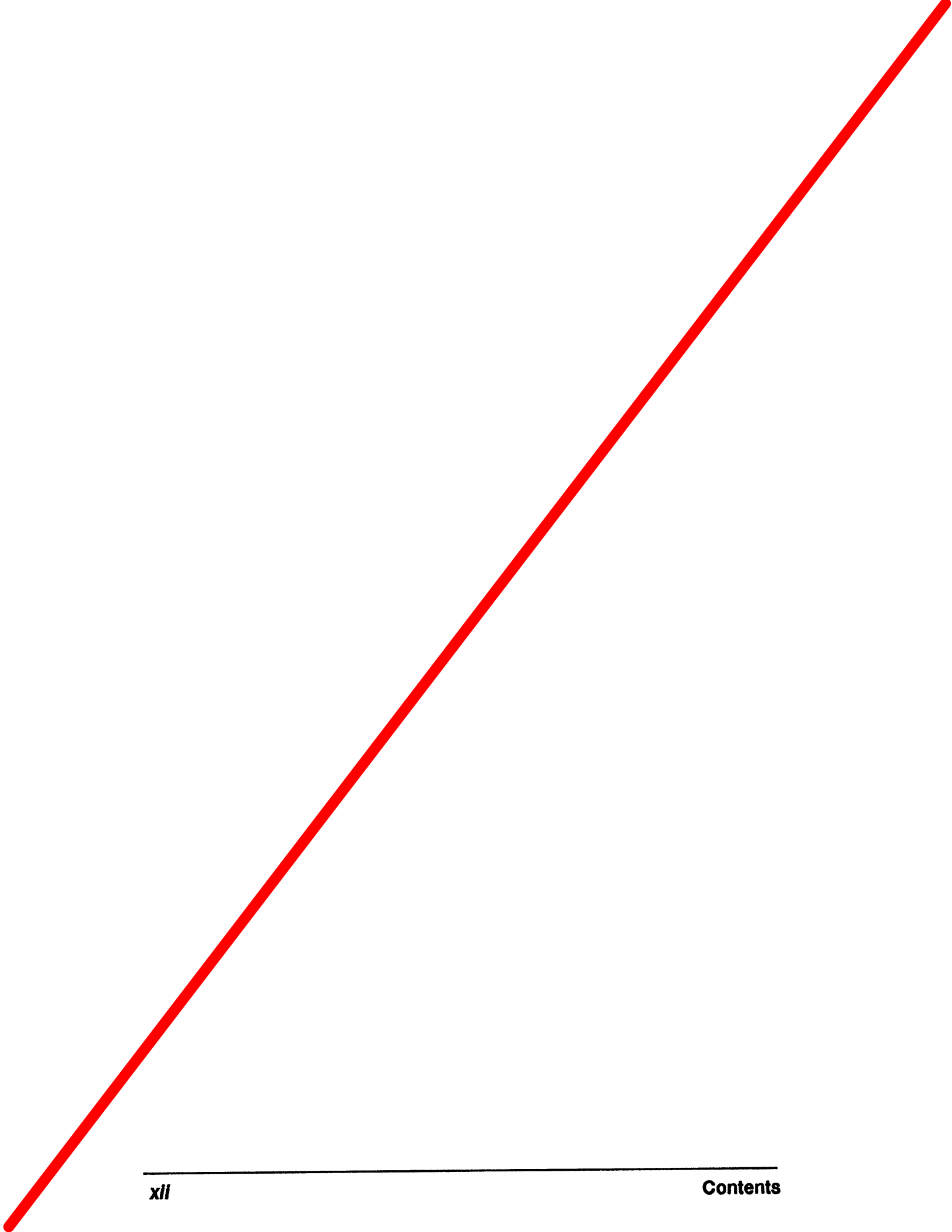


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