



Tektronix

**222A
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 222A Digital Storage Oscilloscope and provides safety information.
- *At A Glance* describes the controls and connectors for the 222A.
- *In Detail* provides further detail on some aspects of the 222A, 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 222A and a PC.
- *Performance Verification* describes the procedures necessary to verify that the 222A is performing according to specifications.
- *Specifications* provides complete specifications for the 222A Digital Storage Oscilloscope.
- *Accessories* describes the standard and optional accessories available for the 222A.
- *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 222A.



Contents

Overview

Overview	1-1
About the 222A Digital Storage Oscilloscope	1-1
Safety	1-2
Symbols and Terms	1-2
Specific Precautions	1-3

At a Glance

At a Glance	2-1
Front Panel Controls	2-2
Vertical Controls	2-3
Trigger Controls	2-4
Horizontal Controls	2-5
The Display	2-6
Readouts	2-6
Menus and Menu Buttons	2-9
Top Panel Controls	2-10
Side Connectors	2-12
Rear Panel Controls and Connectors	2-14
The Tilt Stand	2-16

In Detail

Acquisition Modes	3-1
Kinds of Acquisition Modes	3-1
Normal Acquisition Mode	3-1
Average Acquisition Mode	3-1
Envelope Acquisition Mode	3-2
Continuous Envelope Acquisition Mode	3-2

Selecting an Acquisition Mode	3-3
Auto Setup	3-5
Procedure	3-5
Parameter Effects	3-5
Channels	3-5
Vertical Scaling	3-6
Horizontal Scaling	3-6
Low and High Frequencies	3-6
Calibration	3-9
Running the Self-Calibration Routine	3-9
Testing Display Alignment	3-12
Capturing Random Events	3-15
Channels	3-17
Selecting a Channel	3-17
Displaying a Channel	3-18
Setting Channel Coupling	3-19
The Display	3-21
Readouts	3-21
Displaying and Clearing the Readouts	3-21
Inverting the Display	3-22
Varying the Brightness	3-23
Horizontal Operation	3-25
Horizontal Positioning	3-25
Seconds per Division	3-26
Aliasing	3-26
Time-Base Mode	3-27
Magnifying the Signal	3-29
Maintenance	3-31
Identifying the Firmware Version	3-31
Repackaging for Shipment	3-33
Power	3-35
Battery Operation	3-35
Connecting the Battery	3-35
Charging the Battery	3-37
Charging the Battery Externally	3-37

Time Out	3-37
Replacing the Battery	3-39
Storing the Instrument	3-40
Deep Discharge	3-40
External Power Operation	3-41
AC Line Operation	3-41
Other Sources of External Power	3-42
Probes	3-43
Connecting the Probes	3-44
Configuring the Probes	3-45
Probe Accessories	3-47
Saving and Recalling Data	3-51
Waveforms	3-51
Saving a Waveform	3-51
Recalling a Saved Waveform	3-53
Setups	3-55
Saving a Setup	3-55
Recalling a Saved Setup	3-57
Erasing a Saved Setup	3-58
Store Mode	3-61
Triggering	3-63
The Trigger Light	3-63
Trigger Source	3-64
External Triggering	3-65
Trigger Coupling	3-67
Trigger Slope	3-67
Trigger Level	3-67
Auto-Level	3-68
Trigger Position	3-68
Trigger Modes	3-70
Normal	3-70
Auto-Baseline	3-70
Auto-Level	3-70
Single-Sequence	3-71
Setting the Trigger Mode	3-72
Vertical Operation	3-73
Vertical Positioning	3-73

Volts per Division	3-74
Variable Volts per Division	3-74
XY Mode	3-77
Entering and Exiting XY Mode	3-77
Positioning XY Waveforms	3-78

Appendix A: Tutorial

Tutorial: Measuring Signals	A-1
The Screen	A-1
Measuring Voltage	A-2
Measuring Peak-to-Peak Voltages	A-3
Using a Ground Reference Point	A-4
Measuring Time	A-5
Measuring Rise- or Fall-time	A-6

Appendix B: Remote Communication

Remote Communication	B-1
Introductory Information	B-1
Setting the Baud Rate	B-3
Command Formats	B-5
Commands, Queries, and Responses	B-5
Front-Panel Encoding	B-12
Vertical Settings	B-12
SEC/DIV Setting	B-14
Trigger Positions, Slope, Source, and Mode Settings	B-16
Acquisition Mode and Miscellaneous Settings	B-18
RS-232 Error Codes	B-20
Status Messages	B-20
Diagnostic Error Codes	B-20
Transfer Options	B-22
Transfer to a Local PC	B-22
Transfer via Modem	B-22
RS-232 Interface Specifications	B-24
RS-232 Communication Parameters	B-24

Baud Rates	B-24
Levels	B-25
Maximum Applied Voltage	B-25
Plotter/Printer Support	B-25
Messages	B-25
Optional Accessories	B-25
CAT200	B-25
RS-232 Interconnection Cables	B-26

Appendix C: Performance Verification

Quick Checks	C-1
General Instructions	C-1
Conventions	C-2
Initial Setup Procedure	C-3
Self Cal Tests	C-3
Autoset Tests	C-5
Performance Tests	C-7
Prerequisites	C-7
Related Information	C-7
Equipment Required	C-8
Preparation	C-10
Preliminaries	C-11
Vertical Checks	C-12
Horizontal Check	C-20
Trigger Checks	C-23

Appendix D: Specifications

Specifications	D-1
Nominal Traits	D-3
Warranted Characteristics	D-9
Performance Conditions	D-9
Typical Characteristics	D-13

Appendix E: Accessories

Accessories	E-1
Standard Accessories	E-1
Optional Accessories	E-2
Instrument Options	E-3
External Power AC Adapter Options	E-3

Glossary & Index

Glossary	G-1
Index	I-1

Change Information



List of Illustrations

Figure 2-1: 222A Front Panel	2-2
Figure 2-2: Vertical Controls	2-3
Figure 2-3: Trigger Controls	2-4
Figure 2-4: Horizontal Controls	2-5
Figure 2-5: Vertical Readouts	2-7
Figure 2-6: Saved Waveform Readouts	2-8
Figure 2-7: Trigger and Horizontal Readouts	2-9
Figure 2-8: Parts of a Menu	2-10
Figure 2-9: 222A Top Panel	2-11
Figure 2-10: Side of 222A, Storage Pouch Removed	2-13
Figure 2-11: 222A Rear Panel	2-14
Figure 2-12: The 222A With Tilt Stand	2-16
Figure 3-1: Normal, Average, and Envelope Signals	3-3
Figure 3-2: The Acquisition Menu	3-3
Figure 3-3: The Auxiliary Functions Menu	3-10
Figure 3-4: The Calibration Menu	3-10
Figure 3-5: The Ground External Trigger Calibration Menu ..	3-12
Figure 3-6: Display Alignment Menu	3-13
Figure 3-7: Display Alignment Test Pattern	3-13
Figure 3-8: Channel One Selected	3-17
Figure 3-9: The Channel Menu	3-18
Figure 3-10: The Display Menu	3-21
Figure 3-11: Normal and Inverted Waveforms	3-22
Figure 3-12: The Horizontal Controls	3-25
Figure 3-13: An Aliased Waveform	3-27
Figure 3-14: The Auxiliary Functions Menu	3-32
Figure 3-15: The Firmware Version	3-32
Figure 3-16: Side View Without Battery Cover	3-36
Figure 3-17: The Auxiliary Functions Menu	3-38
Figure 3-18: The Configuration Menu	3-38
Figure 3-19: Side View Showing Probe Connectors (Pouch Removed)	3-44
Figure 3-20: The Auxiliary Functions Menu	3-45

Figure 3-21: The Configuration Menu	3-47
Figure 3-22: The Probe Menu	3-47
Figure 3-23: Probe and Accessories	3-48
Figure 3-24: Saved Waveforms Menu	3-52
Figure 3-25: Saved Waveform Parameters	3-53
Figure 3-26: The Recall Waveforms Menu	3-54
Figure 3-27: The Setup Menu	3-56
Figure 3-28: The Save Setup Menu	3-56
Figure 3-29: The Recall Setup Menu	3-57
Figure 3-30: The Erase Setups Menu	3-59
Figure 3-31: Horizontal Readouts in Store Mode	3-61
Figure 3-32: Trigger Controls	3-63
Figure 3-33: The Trigger Source Menu	3-64
Figure 3-34: Rear Panel External Trigger Connectors	3-65
Figure 3-35: Trigger Position Menu	3-69
Figure 3-36: The Trigger Mode Menu	3-72
Figure 3-37: The Vertical Controls	3-73
Figure 3-38: The Display Menu	3-77
Figure A-1: The Screen Markings	A-2
Figure A-2: Measuring Peak-to-Peak Voltages	A-3
Figure A-3: Measuring With Respect to Ground	A-5
Figure A-4: Measuring Time	A-6
Figure A-5: Measuring Rise-Time	A-8
Figure B-1: RS-232 Communications Port	B-2
Figure B-2: Communication Between the 222A and a PC	B-2
Figure B-3: The Auxiliary Functions Menu	B-3
Figure B-4: The Configuration Menu	B-4
Figure B-5: The Baud Settings Menu	B-4
Figure B-6: Commands, Queries, and Responses	B-6
Figure B-7: RS-232 Interconnection Cable Pin Wiring	B-26
Figure C-1: Initial Setup for Vertical Checks	C-13
Figure C-2: Setup for Input Coupling Check	C-15
Figure C-3: Setup for Probe Compensation Check	C-17
Figure C-4: Setup for Analog Bandwidth Check	C-19
Figure C-5: Setup for Horizontal Test	C-21
Figure C-6: Setup for Trigger Checks	C-24

Figure C-7: Setup for External Trigger Sensitivity Check	C-26
Figure D-1: Maximum Normal-Mode Voltage Versus Frequency Derating Curve	D-4
Figure D-2: Maximum Common-Mode Voltage Versus Frequency Derating Curve	D-5



List of Tables

Table 3-1: Auto Setup Settings	3-7
Table 3-2: Time-Base Modes	3-28
Table 3-3: Auto-Level Trigger Interval Time Limits	3-71
Table B-1: BUT Button Codes	B-7
Table B-2: DAC Code and Value Data	B-9
Table B-3: Channel Settings	B-13
Table B-4: Seconds-per-Division and Misc. Settings	B-15
Table B-5: Trigger Position, Slope, Source, and Mode Settings	B-17
Table B-6: Acquisition Mode and Misc. Settings	B-19
Table B-7: 222A Interconnect Pin Assignments	B-26
Table C-1: Test Equipment	C-8
Table C-2: Volts-per-Division Accuracy Settings	C-16
Table D-1: Nominal Traits—Vertical System	D-3
Table D-2: Nominal Traits—Horizontal System	D-5
Table D-3: Nominal Traits—Triggering System	D-6
Table D-4: Nominal Traits—Display System	D-6
Table D-5: Nominal Traits—Power System	D-7
Table D-6: Nominal Traits—Communications Interface	D-7
Table D-7: Nominal Traits—Mechanical	D-8
Table D-8: Warranted Characteristics—Vertical System	D-10
Table D-9: Warranted Characteristics—Horizontal System ..	D-11
Table D-10: Warranted Characteristics—Triggering System ..	D-11
Table D-11: Warranted Characteristics— Environmental, Safety, and Reliability	D-12
Table D-12: Typical Characteristics—Vertical System	D-13
Table D-13: Typical Characteristics—Horizontal System	D-14
Table D-14: Typical Characteristics—Triggering System	D-14
Table D-15: Typical Characteristics—Power System	D-14
Table E-1: Standard Accessories	E-1

Table E-2: Optional Accessories	E-2
Table E-3: Instrument Options	E-3
Table E-4: External Power AC Adapter Options	E-3