ADInstruments LTD Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Labchart 8 for Windows - Desktop Application

Report Date: December 2024

Product Description: Data acquisition and analysis software

Contact Information: r.groenendal@adinstruments.com

Notes:

This VPAT document covers the LabChart 8 desktop application. It does not assess the accessibility of software Add-Ons created by ADInstruments that can be loaded into LabChart 8.

Evaluation Methods Used:

The product development team completed the evaluation based on general product knowledge and manual use of assistive technologies.

The “Guidance on Applying WCAG 2.0 to Non-Web Information and Communications Technologies (WCAG2ICT)” document (https://www.w3.org/TR/wcag2ict/) was used as a guide when applying web concepts from WCAG to the evaluation of the desktop application.

Applicable Standards/Guidelines

This report covers the degree of conformance with the following accessibility standards/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported technology use as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Graph areas are visual. Some graphs have a textual representation of the value at the cursor.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	LabChart does not have audio and video.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	LabChart does not have audio and video.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	LabChart does not have audio and video.
1.3.1 Info and Relationships (Level A)	Supports	Effective labelling, tooltips and tab-ordering are employed in LabChart to provide info and convey relationships.
1.3.2 Meaningful Sequence (Level A)	Supports	Effective tab-ordering is implemented in LabChart to provide meaningful sequences.
1.3.3 Sensory Characteristics (Level A)	Partially Supports	Some buttons are labelled with an icon.
1.4.1 Use of Color (Level A)	Partially Supports	Graph series and traces are disambiguated only by color.
1.4.2 Audio Control (Level A)	Not Applicable	LabChart does not have audio that plays automatically.
2.1.1 Keyboard (Level A)	Supports	In graph areas, users may need to use mouse-keys.
2.1.2 No Keyboard Trap (Level A)	Supports	LabChart does not trap the keyboard.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	LabChart does not have single-key shortcuts. Users can customize shortcut keys.
2.2.1 Timing Adjustable (Level A)	Supports	LabChart does not employ content timing.
2.2.2 Pause, Stop, Hide (Level A)	Supports	Sampling in LabChart is controlled by start/stop buttons and keyboard commands.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	LabChart does not flash content at the user.
2.4.1 Bypass Blocks (Level A)	Supports	LabChart does not have repeated text blocks.
2.4.2 Page Titled (Level A)	Supports	Each dialog or pop-up in LabChart is titled.
2.4.3 Focus Order (Level A)	Supports	Focusable components receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Links are used in the Help menu and Welcome Center. Their purpose is clear and is made available to assistive technologies.

2.5.1 Pointer Gestures (Level A 2.1 only)	Does Not Support	LabChart does not use these sorts of gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	LabChart employs operating system control of single-pointer operations.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	LabChart uses descriptive tooltips on most UX interactive components, with some exceptions in graph components.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	LabChart does not employ motion actuation.
3.1.1 Language of Page (Level A)	Supports	The language provided to assistive technology matches the language of the application.
3.2.1 On Focus (Level A)	Supports	When a component receives focus, it does not initiate a change of context.
3.2.2 On Input (Level A)	Supports	Entering data or operating controls in LabChart has predictable effects.
3.3.1 Error Identification (Level A)	Supports	LabChart employs UX techniques to display errors to the user as text.
3.3.2 Labels or Instructions (Level A)	Supports	Labels or instructions are provided when content requires user input.
4.1.1 Parsing (Level A)	Supports	Operating system functions are used to display text within LabChart, and the information is made available to assistive technologies.
4.1.2 Name, Role, Value (Level A)	Not Applicable	LabChart is not a web application and does not employ these techniques.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	LabChart does not support live video.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	LabChart does not support audio output.
1.3.4 Orientation (Level AA 2.1 only)	Supports	LabChart's windows can be configured by the user to suit their needs.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Labels or instructions are provided when content requires user input.
1.4.3 Contrast (Minimum) (Level AA)	Supports	Colors for some elements, e.g. signal traces, may be changed by the user.
1.4.4 Resize text (Level AA)	Partially Supports	Text in LabChart conforms with operating system display settings. Changes in display settings will change text size.

1.4.5 Images of Text (Level AA)	Not Applicable	LabChart does not employ images of text.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	LabChart has no minimum window size. Windows can be made very small and require scrolling to view content.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Components in LabChart use theme-aware operating system functions for color and contrast. Colors for some elements, e.g. signal traces, may be changed by the user.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	Text is spaced in LabChart following operating system guidelines.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	LabChart employs component tooltips to convey information.
2.4.5 Multiple Ways (Level AA)	Not Applicable	LabChart is not a web application and does not employ these techniques.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels describe the topic or purpose.
2.4.7 Focus Visible (Level AA)	Supports	Focus indication in LabChart is drawn using operating system functions.
3.1.2 Language of Parts (Level AA)	Supports	Human-understandable language is made available for assistive technologies.
3.2.3 Consistent Navigation (Level AA)	Supports	LabChart employs standard operating system techniques for navigating windows.
3.2.4 Consistent Identification (Level AA)	Supports	LabChart employs standard operating system techniques for identifying windows and dialogs.
3.3.3 Error Suggestion (Level AA)	Supports	Error feedback is provided to the user with suggested fixes where applicable.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Actions that save data in LabChart are reversible until the application is closed.
4.1.3 Status Messages (Level AA 2.1 only)	Does Not Support	Status messages are not made available to assistive technology.

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Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	LabChart can be operated with the use of assistive technology. All data recorded by LabChart can be exported and opened in other software.
302.2 With Limited Vision	Partially Supports	LabChart can be operated with the use of assistive technology. All data recorded by LabChart can be exported and opened in other software.
302.3 Without Perception of Color	Partially Supports	LabChart signal trace color may be difficult to differentiate without perception of color.
302.4 Without Hearing	Not Applicable	LabChart does not produce audio output.
302.5 With Limited Hearing	Not Applicable	LabChart does not produce audio output.
302.6 Without Speech	Not Applicable	LabChart does not require user speech to operate.
302.7 With Limited Manipulation	Not Applicable	LabChart may be operated fully by users utilizing hardware input devices specific to their needs.
302.8 With Limited Reach and Strength	Not Applicable	LabChart may be operated fully by users utilizing hardware devices specific to their needs.
302.9 With Limited Language, Cognitive, and Learning Abilities	Not Applicable	LabChart provides support for assistive technologies to aid use by those with limited language, cognitive, and learning abilities.

Chapter 4: Hardware

Notes: Not Applicable. LabChart 8 is a software application.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.x AA	See WCAG 2.x section	See WCAG 2.x section.
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features	Partially Supports	LabChart supports accessibility features by using standard operating system component conventions.
502.2.2 No Disruption of Accessibility Features	Supports	LabChart does not disrupt accessibility features.
502.3 Accessibility Services		
502.3.1 Object Information	Supports	LabChart employs standard operating system component conventions.
502.3.2 Modification of Object Information	Partially Supports	LabChart employs standard operating system component conventions.
502.3.3 Row, Column, and Headers	Partially Supports	LabChart Data Pad is not fully conformant with assistive technologies.
502.3.4 Values	Supports	LabChart employs standard operating system component conventions.
502.3.5 Modification of Values	Supports	LabChart employs standard operating system component conventions.
502.3.6 Label Relationships	Supports	LabChart employs standard operating system component conventions.
502.3.7 Hierarchical Relationships	Supports	LabChart employs standard operating system component conventions.
502.3.8 Text	Supports	LabChart employs standard operating system component conventions.
502.3.9 Modification of Text	Supports	LabChart employs standard operating system component conventions.
502.3.10 List of Actions	Partially Supports	LabChart employs standard operating system component conventions.
502.3.11 Actions on Objects	Partially Supports	LabChart employs standard operating system component conventions.
502.3.12 Focus Cursor	Supports	LabChart employs standard operating system component conventions.
502.3.13 Modification of Focus Cursor	Supports	LabChart employs standard operating system component conventions.

502.3.14 Event Notification	Partially Supports	LabChart employs standard operating system component conventions. Some custom components may have limited event notifications.
502.4 Platform Accessibility Features	Partially Supports	LabChart employs standard operating system component conventions. Some custom components may have limited support.
503 Applications		
503.2 User Preferences	Partially Supports	LabChart employs standard operating system component themes that can be set by the operating system. Some custom components have limited theme support.
503.3 Alternative User Interfaces	Not Applicable	LabChart does not employ alternative user interfaces.
503.4 User Controls for Captions and Audio Description	Not Applicable	LabChart does not produce audio output.
504 Authoring Tools	Not Applicable	LabChart is not an authoring tool.

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
602 Support Documentation		
602.2 Accessibility and Compatibility Features	See WCAG 2.x section	See WCAG 2.x section.
602.3 Electronic Support Documentation	See WCAG 2.x section	See WCAG 2.x section.
602.4 Alternate Formats for Non-Electronic Support Documentation	Partially Supports	Alternative formats for documentation may be arranged through ADInstruments support staff.
603 Support Services		
603.2 Information on Accessibility and Compatibility Features	Supports	Information is available from the ADInstruments website or directly through ADInstruments support staff.
603.3 Accommodation of Communication Needs	Supports	Support services are available by phone, fax, email or standard mail.

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