VEX Robotics Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product: VEX Audience - audience.vex.com

Platform: Web

Version: NA - Evaluated as of November 9, 2026

Report Date: November 9, 2026

Product Description: A guide for audience members at VEX IQ, VEX V5, and VEX AIR competitions.

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Evaluation Methods Used: Manual and automated testing with screen readers (VoiceOver), SortSite, and axe-core (Deque Systems).

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standards/guidelines (Some of the WCAG 2.2 criteria have also been considered):

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.1	Level A Level AA

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.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All images on the site have alt text.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	The site has no audio-only or video-only content. Both videos include audio and video; see 1.2.2, 1.2.3, and 1.2.5.
1.2.2 Captions (Prerecorded) (Level A)	Supports	Both videos have captions, which are on by default. The audio-described versions play without captions. Turning off the Audio description switch returns to the captioned version, and a transcript is provided below each video.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	Each video has an audio-described version, selected with the Audio description switch above the video, and a full transcript below it.
1.3.1 Info and Relationships (Level A)	Supports	Information, structure, and relationships shown through visual formatting (such as headings, lists, and tables) are correctly defined in the code.
1.3.2 Meaningful Sequence (Level A)	Supports	The reading order of content is correctly defined in the code so assistive technologies can present it in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions do not rely only on visual cues like shape, size, or location. Text-based descriptions are also provided.
1.4.1 Use of Color (Level A)	Supports	Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
1.4.2 Audio Control (Level A)	Supports	No audio plays automatically. Videos play only when the user starts them.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A)	Supports	All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes.
2.1.2 No Keyboard Trap (Level A)	Supports	There are no keyboard traps. Focus can be moved away from a component using only a keyboard interface.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Not Applicable	There are no character key shortcuts.
2.2.1 Timing Adjustable (Level A)	Not Applicable	There are no time limits on the site.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	There is no moving, blinking, scrolling, or auto-updating information on the site.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The site does not contain anything that flashes more than three times in any one-second period, or the flash is below the general and red flash thresholds.
2.4.1 Bypass Blocks (Level A)	Supports	There is a ‘Skip to content’ link provided on all pages, so keyboard and assistive technology users can bypass repetitive navigation.
2.4.2 Page Titled (Level A)	Supports	Page titles describe the topic or purpose of the page.
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	All links have text content or associated labels.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	Everything on the site can be used with a simple tap or click without swiping or dragging.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Actions are triggered when the user releases a tap or click, not when pressing down, so the user can move away to cancel.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	The visible label on each control matches what assistive technology reads aloud, so voice commands and screen readers work correctly.

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	There are no motion operations.
3.1.1 Language of Page (Level A)	Supports	Each page correctly identifies its language (e.g., English) in the code.
3.2.1 On Focus (Level A)	Supports	When any component receives focus, it does not initiate a change of context.
3.2.2 On Input (Level A)	Supports	Changing a form setting (such as selecting an AIR scoring system) does not automatically navigate the user away or change the page without warning unless the user has been advised of the behavior before using the component.
3.2.6 Consistent Help (Level A 2.2 only)	Not Applicable	The site does not provide a help mechanism.
3.3.1 Error Identification (Level A)	Not Applicable	The site has no inputs that can produce input errors.
3.3.2 Labels or Instructions (Level A)	Supports	Labels or instructions are provided when content requires user input.
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	There are no redundant entry patterns.
4.1.1 Parsing (Level A)	Supports	WCAG 2.0 and 2.1 – Always answer 'Supports' WCAG 2.2 (obsolete and removed) - Does not apply
4.1.2 Name, Role, Value (Level A)	Supports	All user interface components have their names, roles, and values correctly defined in the code.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	There are no live videos or audio on the site.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	Each video has an audio-described version, selected with the Audio description switch above the video.

Criteria	Conformance Level	Remarks and Explanations
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	The content can be viewed in both portrait and landscape and does not lose any functionality or content when viewed in either orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	The only inputs are the AIR scoring system radio buttons, which do not collect information about the user.
1.4.3 Contrast (Minimum) (Level AA)	Supports	Text and images of text have enough contrast against their background (at least 4.5 to 1, or 3 to 1 for large text).
1.4.4 Resize text (Level AA)	Supports	Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	Images of text are only used where they are essential.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	The site can be resized without loss of content or functionality.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	Buttons, form fields, icons, and other non-text elements have enough contrast against their background (at least 3 to 1).
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	The site meets all the text spacing requirements without loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	Any additional information displayed on hover or focus remains visible until dismissed.
2.4.5 Multiple Ways (Level AA)	Supports	Multiple ways are available to locate pages within a set of Web pages, except where the page is the result of or a step in a process.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels describe the topic or purpose.

Criteria	Conformance Level	Remarks and Explanations
2.4.7 Focus Visible (Level AA)	Supports	Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	When a user interface component receives keyboard focus, the component is not entirely hidden due to author-created content.
2.5.7 Dragging Movements (Level AA 2.2 only)	Not Applicable	There is no functionality that uses a dragging movement.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	The size of the target for pointer inputs is at least 24 by 24 CSS pixels.
3.1.2 Language of Parts (Level AA)	Supports	When content includes text in different languages, the language of each section is correctly identified in the code.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms consistently appear at the top of every page.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within a set of Web pages are identified consistently.
3.3.3 Error Suggestion (Level AA)	Not Applicable	The site has no inputs that can produce input errors.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	The site does not require users to enter legal commitments or financial transaction data.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Not Applicable	The site does not require users to log in.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Status messages are identified using appropriate roles so they can be presented by assistive technologies.

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