

YuJa SmartSpeaker Accessibility Conformance Report WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version:

YuJa SmartSpeaker

Report Date:

January 2026

Product Description:

YuJa SmartSpeaker is a text-to-speech accessibility tool used in educational and web environments. It allows users to listen to text content aloud, with features that go beyond simple reading, and it's commonly integrated into learning platforms and websites.

Contact Information:

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Notes:

The report examines the accessibility conformance of the YuJa SmartSpeaker module.

Evaluation Methods Used:

YuJa SmartSpeaker has been evaluated for WCAG 2.2 AA compliance using automated tools and manual testing across multiple platforms and browsers.

Manual Evaluation Tools:

- NVDA for Windows
- JAWS for Windows
- Keyboard navigation
- WebAIM Colour Contrast Checker
- Chrome Developer Tools

Automated tools:

- axe DevTools
- WAVE powered by WebAIM
- Lighthouse
- Siteimprove

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)

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

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<u>1.1.1 Non-text Content</u> (Level A)	Partially Supports	Text alternatives are not available for some non-text content.
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)	Not Applicable	No prerecorded audio-only or video-only content is present in the module.
<u>1.2.2 Captions (Prerecorded)</u> (Level A)	Not Applicable	No prerecorded synchronized audio media is present in the module.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)	Not Applicable	No prerecorded synchronized video content requiring audio description is present in the module.
<u>1.3.1 Info and Relationships</u> (Level A)	Supports	The information, layout, and connections shown visually can be identified by software or are also described in text.
<u>1.3.2 Meaningful Sequence</u> (Level A)	Supports	The reading order is easy to follow and intuitive.
<u>1.3.3 Sensory Characteristics</u> (Level A)	Supports	Instructions do not depend only on shape, colour, size, position, direction, or sound to explain how to use or understand the content.
<u>1.4.1 Use of Color</u> (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.
<u>1.4.2 Audio Control</u> (Level A)	Supports	The mechanism is available to pause, stop and to control audio volume independently of the overall system volume level.
<u>2.1.1 Keyboard</u> (Level A)	Partially Supports	Some interactive elements cannot be operated using a keyboard, which may limit access for keyboard-only users. Most

		functionality is accessible via keyboard.
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus can be moved to a component of the page using a keyboard interface, and focus can be moved away from that component using only a keyboard interface.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	Keyboard shortcuts do not rely solely on letters, punctuation, numbers, or symbols.
2.2.1 Timing Adjustable (Level A)	Not Applicable	No time limits are set on any content or interactions.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	No moving, blinking, scrolling, or auto-updating content is present in the module.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	No content flashes more than three times per second.
2.4.1 Bypass Blocks (Level A)	Supports	A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.
2.4.2 Page Titled (Level A)	Not Applicable	The module does not consist of discrete web pages; therefore, page titles are not applicable.
2.4.3 Focus Order (Level A)	Supports	If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Not Applicable	There are no features that use complex gestures.

<u>2.5.2 Pointer Cancellation</u> (Level A 2.1 and 2.2)	Supports	There is no down-event activation when clicking, tapping, or long-pressing.
<u>2.5.3 Label in Name</u> (Level A 2.1 and 2.2)	Supports	UI components labelled with text or text images use names that match the visible text.
<u>2.5.4 Motion Actuation</u> (Level A 2.1 and 2.2)	Supports	There is no functionality triggered by moving the device or by user movement.
<u>3.1.1 Language of Page</u> (Level A)	Supports	The language of the page is specified through the use of the 'lang' attribute.
<u>3.2.1 On Focus</u> (Level A)	Supports	The elements "on focus" do not cause significant changes to the screens.
<u>3.2.2 On Input</u> (Level A)	Supports	The elements "on input" do not cause significant changes to the screens.
<u>3.2.6 Consistent Help</u> (Level A 2.2 only)	Supports	There is a "Support" button located in the User tabpanel.
<u>3.3.1 Error Identification</u> (Level A)	Supports	When an input error is detected, the item is identified, and the error is described in text.
<u>3.3.2 Labels or Instructions</u> (Level A)	Supports	Labels are provided where user input is expected.
<u>3.3.7 Redundant Entry</u> (Level A 2.2 only)	Supports	The user is not required to re-enter any information.
<u>4.1.2 Name, Role, Value</u> (Level A)	Partially Supports	Some user interface components lack valid values or accessible names, which may affect how assistive technologies identify their name, role, or value.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	The module does not provide live audio or live synchronized media requiring captions.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	The module does not contain prerecorded video with visual information not already conveyed through audio.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	The module is not restricted to portrait or landscape orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	The purpose of each input field that collects information about the user can be programmatically determined.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The visual presentation of text and images of text has a contrast ratio of 4.5:1. Large-scale text and images of large-scale text have a contrast ratio of at least 3:1.
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	There are no images of text.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	Content can be presented without loss of information or functionality.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	Non-text elements meet the 3:1 contrast ratio.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	Content on the screen remains intact when the text size is adjusted.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	When additional content appears on hover or focus, it is dismissible, hoverable without disappearing,

		and remains visible until dismissed, focus/hover is removed, unless its display is controlled by the browser.
2.4.5 Multiple Ways (Level AA)	Not Applicable	The module does not require multiple ways of navigation.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels describe the topic or purpose.
2.4.7 Focus Visible (Level AA)	Partially Supports	Most interactive elements provide a visible focus indicator when navigated via keyboard. However, there is an element that does not display a clear focus outline or indicator.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	Elements in focus are not covered or hidden.
2.5.7 Dragging Movements (Level AA 2.2 only)	Support	The functionality that uses a dragging movement for operation can be achieved by a single pointer.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Partially Supports	Some interactive elements do not meet the minimum target size requirements, which may affect users with limited dexterity. Most targets comply with the criterion.
3.1.2 Language of Parts (Level AA)	Supports	No content is in a different language on the English-language website.
3.2.3 Consistent Navigation (Level AA)	Supports	The menu links do not change order.
3.2.4 Consistent Identification (Level AA)	Supports	The elements are labelled the same across multiple pages.
3.3.3 Error Suggestion (Level AA)	Supports	There are suggestions to help a user fix the error and add missing content in the input fields.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	The web app does not collect legal, financial or secure data.

3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	Users are not required to pass cognitive function tests during authentication, unless another option or assistance is available, or the process uses object recognition or non-text personal content.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Status messages can be programmatically identified and announced by assistive technologies without needing focus.