

PCS Edventures Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version: RubiQ Configurator 1.9.3

Report Date: November 2025

Product Description: The RubiQ Configurator is an open-source flight controller software for Windows and Mac. It allows users to configure their RubiQ drone for flight.

Contact Information: support@edventures.com

Notes: This application is intended to be used in conjunction with a RubiQ drone and the [RubiQ Configuration guide](#). Please see the RubiQ Configuration guide ARC starting on page 9.

Evaluation Methods Used: Manual accessibility testing was completed by staff with knowledge of accessibility standards.

- Screen reader and keyboard navigation support were tested using Narrator, the default accessibility app in Windows 11.
- Color contrast was tested using [Contrast Finder](#).

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 2.2	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / 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 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 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	
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)	Not Applicable	No audio- or video-only content is included in the RubiQ Configurator. The supporting online configuration guide contains both text and video instructions, with text alternatives to all videos.
<u>1.2.2 Captions (Prerecorded)</u> (Level A)	Not Applicable	
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)	Not Applicable	
<u>1.3.1 Info and Relationships</u> (Level A)	Does Not Support	
<u>1.3.2 Meaningful Sequence</u> (Level A)	Does Not Support	
<u>1.3.3 Sensory Characteristics</u> (Level A)	Does Not Support	
<u>1.4.1 Use of Color</u> (Level A)	Partially Supports	
<u>1.4.2 Audio Control</u> (Level A)	Not Applicable	The application does not include any auto-play audio. The drone itself has a set of sounds that are essential to alert the user of certain conditions.
<u>2.1.1 Keyboard</u> (Level A)	Does Not Support	
<u>2.1.2 No Keyboard Trap</u> (Level A)	Does Not Support	
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 and 2.2)	Not Applicable	
<u>2.2.1 Timing Adjustable</u> (Level A)	Supports	
<u>2.2.2 Pause, Stop, Hide</u> (Level A)	Supports	
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Supports	No flashing was found within the application that violates the thresholds. The drone itself does use flashing red, green, blue, and white indicator lights.
<u>2.4.1 Bypass Blocks</u> (Level A)	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Does Not Support	
2.4.4 Link Purpose (In Context) (Level A)	Partially Supports	
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Not Applicable	
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Not Applicable	
2.5.3 Label in Name (Level A 2.1 and 2.2)	Partially Supports	
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Supports	Motions involving the drone are essential, for example in monitoring/calibrating certain sensors like the gyroscope.
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Partially Supports	
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	
4.1.2 Name, Role, Value (Level A)	Does Not Support	

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	The application does not ask for user information.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	
1.4.4 Resize text (Level AA)	Does Not Support	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Does Not Support	
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Does Not Support	
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Does Not Support	
2.4.5 Multiple Ways (Level AA)	Does Not Support	
2.4.6 Headings and Labels (Level AA)	Partially Supports	
2.4.7 Focus Visible (Level AA)	Does Not Support	
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Does Not Support	
2.5.7 Dragging Movements (Level AA 2.2 only)	Partially Supports	
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
<u>3.3.3 Error Suggestion</u> (Level AA)	Does Not Support	
<u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)	Not Applicable	
<u>3.3.8 Accessible Authentication (Minimum)</u> (Level AA 2.2 only)	Not Applicable	User authentication is not required in this app.
<u>4.1.3 Status Messages</u> (Level AA 2.1 and 2.2)	Does Not Support	

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Applicable	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Applicable	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Applicable	
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Does Not Support	
1.4.6 Contrast (Enhanced) (Level AAA)	Does Not Support	
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	
1.4.8 Visual Presentation (Level AAA)	Does Not Support	
1.4.9 Images of Text (No Exception) (Level AAA)	Supports	
2.1.3 Keyboard (No Exception) (Level AAA)	Does Not Support	
2.2.3 No Timing (Level AAA)	Partially Supports	A few configuration steps require button presses or moving the drone within a set amount of time.
2.2.4 Interruptions (Level AAA)	Not Applicable	
2.2.5 Re-authenticating (Level AAA)	Not Applicable	
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Not Applicable	
2.3.2 Three Flashes (Level AAA)	Supports	The application does not contain flashing images. The drone itself uses flashing indicator lights in certain scenarios.
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Supports	Some motion is essential, such as monitoring the drone's sensors.
2.4.8 Location (Level AAA)	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
2.4.9 Link Purpose (Link Only) (Level AAA)	Does Not Support	
2.4.10 Section Headings (Level AAA)	Does Not Support	
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Does Not Support	
2.4.13 Focus Appearance (Level AAA 2.2 only)	Does Not Support	
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Does Not Support	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Supports	
3.1.3 Unusual Words (Level AAA)	Does Not Support	
3.1.4 Abbreviations (Level AAA)	Does Not Support	
3.1.5 Reading Level (Level AAA)	Does Not Support	
3.1.6 Pronunciation (Level AAA)	Not Applicable	
3.2.5 Change on Request (Level AAA)	Supports	
3.3.5 Help (Level AAA)	Does Not Support	
3.3.6 Error Prevention (All) (Level AAA)	Supports	
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Not Applicable	

PCS Edventures Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version: RubiQ Configuration Guide

Report Date: November 2025

Product Description: The Configuration Guide walks educators and students through the steps to configure their RubiQ drone with the RubiQ Configurator app. The guide is freely available on any device by visiting resources.edventures.com.

Contact Information: support@edventures.com

Notes: The Configuration Guide is available on <https://resources.edventures.com/courses/rubiq-radiomaster/> or <https://resources.edventures.com/courses/rubiq-x9/>. The *Discover Drones* curriculum sends users to the correct configuration guide based on which radio controller is included in their kit. The accessibility standards for both guides are the same.

Evaluation Methods Used: Manual accessibility testing was completed by staff with knowledge of accessibility standards.

- Screen reader and keyboard navigation support were tested using Narrator, the default accessibility app in Windows 11.
- WCAG compliance tested using [WAVE](#) along with manual testing.

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 2.2	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)

Terms

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- **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 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 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
1.1.1 Non-text Content (Level A)	Supports	
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	
1.2.2 Captions (Prerecorded) (Level A)	Supports	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	All videos are media alternatives to the text instructions.
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	The website does not use color as the only means of conveying any information. However, the RubiQ drone itself does require the ability to distinguish between red, green, blue, and white lights.
1.4.2 Audio Control (Level A)	Supports	
2.1.1 Keyboard (Level A)	Partially Supports	Supported when using a screen reader such as Windows Narrator
2.1.2 No Keyboard Trap (Level A)	Partially Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Not Applicable	
2.2.1 Timing Adjustable (Level A)	Not Applicable	No site elements are timed. All videos can be started, stopped, and scrubbed at will. On the drone itself, it is essential to complete some tasks within a set amount of time, such as holding the bind button.
2.2.2 Pause, Stop, Hide (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Partially Supports	Some videos of the drone show its indicator lights, which may flash red, green, blue, or white.
<u>2.4.1 Bypass Blocks</u> (Level A)	Does Not Support	
<u>2.4.2 Page Titled</u> (Level A)	Supports	
<u>2.4.3 Focus Order</u> (Level A)	Supports	
<u>2.4.4 Link Purpose (In Context)</u> (Level A)	Supports	
<u>2.5.1 Pointer Gestures</u> (Level A 2.1 and 2.2)	Supports	
<u>2.5.2 Pointer Cancellation</u> (Level A 2.1 and 2.2)	Supports	
<u>2.5.3 Label in Name</u> (Level A 2.1 and 2.2)	Partially Supports	
<u>2.5.4 Motion Actuation</u> (Level A 2.1 and 2.2)	Not Applicable	
<u>3.1.1 Language of Page</u> (Level A)	Supports	
<u>3.2.1 On Focus</u> (Level A)	Supports	
<u>3.2.2 On Input</u> (Level A)	Supports	
<u>3.2.6 Consistent Help</u> (Level A 2.2 only)	Supports	
<u>3.3.1 Error Identification</u> (Level A)	Supports	
<u>3.3.2 Labels or Instructions</u> (Level A)	Supports	
<u>3.3.7 Redundant Entry</u> (Level A 2.2 only)	Partially Supports	
<u>4.1.2 Name, Role, Value</u> (Level A)	Partially Supports	

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	All videos and audio in the configuration guide are pre-recorded.
1.2.5 Audio Description (Prerecorded) (Level AA)	Does Not Support	
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	
1.4.3 Contrast (Minimum) (Level AA)	Supports	
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Partially Supports	Supported when using a screen reader such as Windows Narrator
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	
3.2.3 Consistent Navigation (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
<u>3.2.4 Consistent Identification</u> (Level AA)	Supports	
<u>3.3.3 Error Suggestion</u> (Level AA)	Supports	
<u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)	Partially Supports	Users can access the configuration guide with or without an account. Creating an account or logging in partially supports error prevention. No other user data input is required within the configuration guide.
<u>3.3.8 Accessible Authentication (Minimum)</u> (Level AA 2.2 only)	Supports	Supports input via password managers, or SSO integration upon request from the user's IT department.
<u>4.1.3 Status Messages</u> (Level AA 2.1 and 2.2)	Supports	

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Does Not Support	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Does Not Support	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Supports	All videos are supplemental to the text instructions.
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Partially Supports	
1.4.6 Contrast (Enhanced) (Level AAA)	Partially Supports	
1.4.7 Low or No Background Audio (Level AAA)	Does Not Support	
1.4.8 Visual Presentation (Level AAA)	Does Not Support	
1.4.9 Images of Text (No Exception) (Level AAA)	Supports	
2.1.3 Keyboard (No Exception) (Level AAA)	Does Not Support	
2.2.3 No Timing (Level AAA)	Partially Supports	No site elements are timed. On the drone itself, it is essential to complete some tasks within a set amount of time, such as holding the bind button.
2.2.4 Interruptions (Level AAA)	Supports	
2.2.5 Re-authenticating (Level AAA)	Supports	Authentication is not required to use the configuration guide.
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Does Not Support	
2.3.2 Three Flashes (Level AAA)	Does Not Support	Some depictions of the drone show its flashing indicator lights.
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Not Applicable	No qualifying animations occur in the configuration guide.

Criteria	Conformance Level	Remarks and Explanations
2.4.8 Location (Level AAA)	Supports	Breadcrumbs and navigation style changes indicate the current page.
2.4.9 Link Purpose (Link Only) (Level AAA)	Partially Supports	
2.4.10 Section Headings (Level AAA)	Supports	
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Partially Supports	
2.4.13 Focus Appearance (Level AAA 2.2 only)	Partially Supports	Supported when using a screen reader such as Windows Narrator
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Partially Supports	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Supports	
3.1.3 Unusual Words (Level AAA)	Does Not Support	
3.1.4 Abbreviations (Level AAA)	Does Not Support	
3.1.5 Reading Level (Level AAA)	Does Not Support	
3.1.6 Pronunciation (Level AAA)	Not Applicable	
3.2.5 Change on Request (Level AAA)	Supports	
3.3.5 Help (Level AAA)	Does Not Support	
3.3.6 Error Prevention (All) (Level AAA)	Partially Supports	
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Supports	Supports input via password managers, or SSO integration upon request from the user's IT department.