



**Information Technology Industry Council's
Voluntary Product Accessibility Template
Version 1.2 (5/6/02)
Christie Digital's Reply for Section 508 Regulation**

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The purpose of the Voluntary Product Accessibility Template (VPAT) is to assist Federal contracting officials in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed that the offeror will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, "e.g., equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

**Summary Table
Voluntary Product Accessibility Template**

<u>Criteria</u>	<u>Supporting Features</u>	<u>Remarks and explanations</u>
Section 1194.21 Software Applications and Operating Systems	Not Applicable	Christie projection systems are not considered Software Applications or Operating Systems.
Section 1194.22 Web-based internet information and applications	Not Applicable	Christie projection systems are not considered web-based internet Information and applications.
Section 1194.23 Telecommunications Products	Not Applicable	Christie projection systems are not considered Telecommunications Products.
Section 1194.24 Video and Multi-media Products	Portions of the standard apply	See details within Section
Section 1194.25 Self-Contained, Closed Products	Portions of the standard apply	See details within Section
Section 1194.26 Desktop and Portable Computers	Not Applicable	Christie projection systems are not considered Desktop and Portable Computers
Section 1194.31 Functional Performance Criteria	Portions of the standard apply	See details within Section
Section 1194.41 Information, Documentation and Support	Portions of the standard apply	See details within Section

Section 1194.24 Video and Multi-media Products – Detail

<i>Criteria</i>	Supporting Features	Remarks and explanations
<p>a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.</p>	Not Applicable	<p>Projectors are not considered television or DTV sets. They do not contain any analog or digital tuner. Attached source to the projector may contain analog or digital tuners which can provide decoding circuitry.</p>
<p>(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.</p>	Not Applicable	<p>Projectors are not considered television or DTV sets. They do not contain any analog or digital tuner. Attached source to the projector may contain analog or digital tuners which can provide decoding circuitry.</p>
<p>(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.</p>	Not Applicable	<p>No training and information video applicable to display projectors. Attached source to the projector may contain analog or digital tuners which can provide decoding circuitry.</p>

(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.	Not Applicable	No training and information video applicable to display projectors.
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not Applicable	No training and information video applicable to display projector. Attached source to the projector may contain analog or digital tuners which can provide decoding circuitry.

Section 1194.25 Self-Contained, Closed Products – Detail

<i>Criteria</i>	Supporting Features	Remarks and explanations
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Projectors, are not a self contained product, but can be made an integral element of a fully configured product.	No additional assistive technology is required. The feature is controlled by hardware/software source.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable.	No timed response is required. The feature is controlled by hardware/software source.
(c) Where a product utilizes touch screens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Contact sensitive controls are included on the product. They comply with §1194.23 (k) (1) through (4).	Control keys are tactilely discernible and operable with one hand. Key repeat, locking, and toggle keys are not applicable to display projectors, but the input source.
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not Applicable	Biometric forms of user ID are not used.
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt,	Projectors are not a self contained product, but some projectors do have audio output.	For projectors with audio capabilities, the output connectors are either standard 3.5mm or RCA type connectors. Main audio output control is through the source.

pause, and restart the audio at anytime.		
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	Voice output is only provided with projectors with speakers. Projectors are not intended for personal use and not as a public address system. Main audio output control is through the source.
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Projectors are not a self contained product, but are equipped with menus for adjustment.	Projectors on screen adjustment is not solely based on color in changing variables. Shading/Highlighting are used to distinguish menu selections.
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Meets all standards.	Projectors are capable of adjusting brightness, contrast and color to a variety of different levels.
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Meets all standards.	All displays have a standard refresh rate of over 55Hz. The higher refresh rates reduces the screen flicker.
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Projectors are not a self contained product.	Display projectors may be utilized as an integral part of a freestanding product but any operable controls location will be determined by a third party mount or mounting location.
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and	Projectors are not a self contained product.	Display projectors may be utilized as an integral part of a freestanding product but any operable controls location will be determined by a third party mount or mounting location.

15 inches minimum above the floor.		
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Projectors are not a self contained product.	Display projectors may be utilized as an integral part of a freestanding product but any operable controls location will be determined by a third party mount or mounting location.
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Projectors are not a self contained product.	Display projectors may be utilized as an integral part of a freestanding product but any operable controls location will be determined by a third party mount or mounting location.

Section 1194.31 Functional Performance Criteria – Detail

<i>Criteria</i>	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Not Applicable	This issue does not apply to standard projectors, since the image displayed and provided to the display is controlled by an external source.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Not Applicable	This issue does not apply to standard projectors, since the image displayed and provided to the display is controlled by an external source.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people	Not Applicable	This issue does not apply to standard projectors. Display projectors can be used by people who are deaf or hard of hearing.

who are deaf or hard of hearing shall be provided		
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Not Applicable	This issue does not apply to standard projectors, audio information is not important for use of the product. Any audio information is provided separately.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Not Applicable	This issue does not apply to standard projectors, since the image displayed and provided to the display is controlled by an external source.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Not Applicable	This issue does not apply to standard projectors, since the image displayed and provided to the display is controlled by an external source.

Section 1194.41 Information, Documentation and Support – Detail

<i>Criteria</i>	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Does not meet criteria. But an electronic version of documentation is available that can be used with text to speech software, or a paper copy is available that can be used by screen readers or printed by Braille embossers	Any additional product support documentation outside of what is provided with the projector would be at the expense of the end user. An electronic version of documentation is available that can be used with text to speech software, or a paper copy is available that can be used by screen readers or printed by Braille embossers
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Does not meet criteria. But an electronic version of documentation is available that can be used with text to speech software, or a paper copy is available that can be used by screen readers or printed by Braille embossers	Any additional description of the accessibility and compatibility features of products outside of what is provided with the projector would be at the expense of the end user.
(c) Support services for products shall	Meets all standards.	All support services will

accommodate the communication needs of end-users with disabilities.		accommodate any communication needs of end users with disabilities.
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Disclaimer:

The product information provided above is based on Christie Digital Systems interpretation of the Section 508 Accessibility Standards. It is not intended to address the applicability of the Standards to a particular procurement, and shall not be construed as product specifications for purposes of any warranty of compliance with product specifications in a given contract or order.