



iClicker2 Student Remote Voluntary Product Accessibility Template (VPAT)

Date: May 22, 2017

Product Name: i>clicker2 Student Remote

Product Model Number: RLR14

Company Name: Macmillan Learning, iClicker

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Summary Table Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Not Applicable	
Section 1194.22 Web-Based Internet Information and Applications	Not Applicable	
Section 1194.23 Telecommunications Products	Included	Please refer to the attached VPAT.
Section 1194.24 Video and Multimedia Products	Not Applicable	
Section 1194.25 Self-Contained, Closed Products	Included	Please refer to the attached VPAT.
Section 1194.26 Desktop and Portable Computers	Not Applicable	
Section 1194.31 Functional Performance Criteria	Included	Please refer to the attached VPAT.
Section 1194.41 Information, Documentation, and Support	Included	Please refer to the attached VPAT.

Section 1194.21 Software Application and Operating Systems – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.21.htm> for an explanation of this section’s criteria.

Section is not applicable for this product

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Section 1194.22 Web-Based Internet Information and Applications – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.22.htm> for an explanation of this section’s criteria.

Section is not applicable for this product

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Section 1194.23 Telecommunications Products – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.23.htm> for an explanation of this section’s criteria.

Criteria	Supporting Features	Remarks and Explanations
a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.	Not Applicable	

(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not Applicable	
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not Applicable	
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.	Not Applicable	
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Not Applicable	
(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.	Not Applicable	
(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not Applicable	
(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.	Supports, with exceptions	iClicker2 operates in the 900-928 MHz ISM band, and the majority of hearing aids/assistive learning devices operate at a higher frequency. Interference is highly unlikely.
(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.	Not Applicable	

(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Supports	Individual iClicker2 keys are identifiable and supportable by touch. The iClicker2 keys require pressure in order to register a vote.
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Supports	iClicker2 remotes are easily operable with one hand and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate the keys is minimal.
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Supports, with Exceptions	The iClicker2 remote multiple choice (A-E) buttons do NOT auto-repeat. The 4-way navigation pad buttons are firmware-programmed to key repeat after 2 second with a continuous scrolling of approx. 4 characters per second. For full support of this requirement in numeric and alphanumeric response modes, use of iClicker Reef (web-based voting solution) is encouraged.
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Not Applicable	

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Section 1194.24 Video and Multimedia Products – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.24.htm> for an explanation of this section’s criteria.

Section is not applicable for this product

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Section 1194.25 Self-Contained, Closed Products– Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.25.htm> for an explanation of this section’s criteria.

Criteria	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.	Supports	iClicker2 is self-contained with easily-identified keys.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not Applicable	
(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	
(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, pause, and restart the audio at anytime.	Not Applicable	
(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	
(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.	Supports	There are no color-coded elements on the iClicker2 remote. The two colored buttons – mode (Blue) and power (orange) – also have distinguishing graphics and are of a slightly different feel (domed versus flat).
(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.	Not Applicable	
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	iClicker2 does not flicker with a frequency greater than 2 Hz or lower than 55 Hz.

(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.	Not Applicable	
(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 15 inches minimum above the floor.	Not Applicable	
(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.	Not Applicable	
(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.	Not Applicable	

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Section 1194.26 Desktop and Portable Computers – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.26.htm> for an explanation of this section’s criteria.

Section is not applicable for this product

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Section 1194.31 Functional Performance Criteria – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.31.htm> for an explanation of this section’s criteria.

Criteria	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.	Does Not Support	The iClicker2 hardware utilizes an LCD screen to facilitate numeric and alphanumeric answer entry. For multiple-choice-only responses, use of i>clicker + remotes is recommended and are compatible with the i>clicker 2 system. Vibrating i>clicker remotes with accompanying Braille stickers are available. For numeric and alphanumeric responses (including mixed-use classes also utilizing multiple-choice), use of iClicker Reef (web-based voting) is recommended.
(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.	Supports, with Exceptions	In multiple-choice mode, iClicker2 hardware does not require visual acuity greater than 20/70. The product in its normal state supports people with low vision. For numeric and alphanumeric voting modes, use of iClicker Reef (web-based voting) is recommended.
(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 who are deaf or hard of hearing shall be provided	Not Applicable	
(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.	Supports	No audio controls are required to use i>clicker. All voting activity can be done by sight.
(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.	Supports	No speech/voice output is required to use iClicker2. All voting activity can be done with the handheld device.
(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.	Supports, with Exceptions	In multiple-choice mode, iClicker2 hardware does not require fine motor control. The large keypad and raised A-E letter keys of the iClicker2 remote eliminate the need for fine motor control to answer multiple-choice questions. No simultaneous actions are required in any answer mode. For numeric and alphanumeric voting modes, use of iClicker Reef (web-based voting) is recommended.

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Section 1194.41 Information, Documentation, and Support – Detail

Refer to <http://www.access-board.gov/sec508/guide/1194.41.htm> for an explanation of this section’s criteria.

Criteria	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.	Supports	All documentation is available in both PDF and RTF formats at no additional charge.
(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.	Supports	Documentation is available at no additional charge.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports, with exceptions	Support for iClicker2 is available in a variety of formats: website, email, and direct phone. Direct phone support is not TTY enabled.

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