

Konftel 55Wx

Voluntary Product Accessibility Template (VPAT)

The Konftel 55Wx is a wireless speakerphone that can add hands-free conference room quality audio to a wide variety of communication devices. It supports the following methods for connection to those devices:

- Via a modular cord to a telephone handset or headset jack
- Via proprietary cords to some mobile telephones
- Via Bluetooth to a mobile or non-mobile telephone
- Via a USB cord to a PC running a telephony application

Only basic call features are supported by the first two methods; enhanced capabilities may be supported by the last two. In addition, a headset and/or expansion microphones may be connected to the Konftel 55Wx.

Support Levels

Support Level	Description
Supports	The Konftel 55Wx fully meets the letter and intent of the criterion.
Supports with Exceptions/Minor Exceptions	The Konftel 55Wx does not fully meet the letter and intent of the criterion, but provides some level of access relative to the criterion.
Supports through Equivalent Facilitation	The Konftel 55Wx provides an alternate way to meet the intent of the criterion.
Supports when combined with Compatible Assistive Technology	The Konftel 55Wx fully meets the letter and intent of the criterion when used in combination with compatible assistive technology.
Does Not Support	The Konftel 55Wx does not meet the letter or intent of the criterion.
Not Applicable	The criterion does not apply.
Not Applicable – Fundamental Alteration Exception Applies	A fundamental alteration of the Konftel 55Wx is required to meet the criterion.

Compliance Summary

Criteria	Support Levels
Section 1194.21 Software Applications and Operating Systems	Not Applicable
Section 1194.22 Web-based Intranet and Internet Information and Applications	Not Applicable
Section 1194.23 Telecommunications Products	Supports with Exceptions
Section 1194.24 Video and Multi-media Products	Not Applicable
Section 1194.25 Self-Contained, Closed Products	Not Applicable
Section 1194.26 Desktop and Portable Computers	Not Applicable
Section 1194.31 Functional Performance Criteria	Supports with Exceptions
Section 1194.41 Information, Documentation and Support	Supports

§ 1194.23 Telecommunications Products

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
1194.23(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.	Supports	If a Konftel 55wx is connected to a compliant communications device, it does not interfere with the ability of that device to provide a non-acoustic connection point for TTYs. The “mute” function on the Konftel 55Wx allows its microphones to be turned on and off to allow the user to intermix speech with TTY use.
1194.23(b) Telecommunications products, which include voice communication functionality, shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Supports	This requirement is satisfied by the Konftel 55Wx when it is configured in the manner described in 1194.23(a).
1194.23(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not Applicable	There is no aspect of the Konftel 55Wx that would interfere with the operation or compliance of voice mail, auto-attendant, or interactive voice response systems.
1194.23(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	There is no aspect of the Konftel 55Wx that would interfere with the operation or compliance of voice mail, auto-attendant, or interactive voice response systems.
1194.23(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Supports	<p>If a Konftel 55Wx is connected to a compliant communications device, it does not interfere with the ability of that device to make caller identification and similar telecommunications functions available for users of TTYs and for users who cannot see displays.</p> <p>In configurations that support enhanced capabilities, caller identification may be displayed on the Konftel 55wx in addition to being provided by the device to which it is connected.</p>
1194.23(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.	Supports with Minor Exceptions	<p>The Konftel 55Wx supports an adjustable gain for Mobile cable and Deskphone connections.</p> <p>The gain is adjustable in steps of 4dB, with a total range of 16dB.</p> <p>The Konftel 55Wx supports an incremental volume control in steps of 1.8dB, with a total range of 27dB (15 steps).</p>

<p>1194.23(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.</p>	<p>Not Applicable</p>	<p>The US Access Board guidance indicates that this requirement is based on an Americans with Disabilities Act guideline that applies only to telephone handsets.</p>
<p>1194.23(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.</p>	<p>Not Applicable</p>	<p>This requirement applies to telephone handsets. It does not apply to the Konftel 55Wx.</p>
<p>1194.23(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.</p>	<p>Supports</p>	<p>The Konftel 55Wx meets FCC standards for electromagnetic shielding.</p>
<p>1194.23(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.</p>	<p>Supports</p>	<p>This requirement is satisfied when the Konftel 55Wx is configured in the manner described in the Remarks for 1194.23(a).</p>
<p>1194.23(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.</p>	<p>Supports with Exceptions</p>	<p>The Konftel 55Wx has two mechanically operated buttons that are easily identifiable by a visually impaired user. The two buttons control on/off and mute. The on/off button also allows limited call handling functions, i.e. the ability to answer an incoming call or to hangup an active call, for connections that provide additional call state information (Bluetooth, USB in enhanced mode or connection to a 9600-series Deskphone).</p> <p>Some functions are assigned to the touch panel and may be difficult to identify and operate without vision. Functions using the touch panel are volume control and user options.</p> <p>If a Konftel 55Wx is connected to a compliant communications device, it does not interfere with the ability of that device to provide other communications-related functions in a compliant manner.</p>

<p>1194.23(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.</p>	<p>Supports</p>	
<p>1194.23(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.</p>	<p>Not Applicable</p>	<p>This requirement does not apply to the Konftel 55Wx because key repeat is not supported.</p>
<p>1194.23(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.</p>	<p>Supports when combined with Compatible Assistive Technology</p>	<p>On the Konftel 55Wx, the status of the mute and hold functions is indicated by icons and by a large bi-color Light Emitting Diode (LED). The LED color and flash rate can be transformed into an audio signal using commonly available assistive technology, such as the Rainbow Color Reader available from MaxiAids.com and other sources.</p>

§ 1194.31 Functional Performance Criteria

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
1194.31(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.	Supports with Exceptions	The features that facilitate use by people who are blind or visually impaired are described in the sections that address paragraphs 1194.23(e), 1194.23(k)(1), and 1194.23(k)(4).
1194.31(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	The features that facilitate use by people with impaired visual acuity are described in the sections that address paragraphs 1194.23(e), 1194.23(k)(1), and 1194.23(k)(4).
1194.31(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.	Supports	The features that support TTY compatibility are described in the sections that address paragraphs 1194.23(a), 1194.23(b), 1194.23(e), and 1194.23(j). Features that provide enhanced audio are described in the section that addresses paragraph 1194.23(f). Support for assistive hearing devices is described in the section that addresses paragraph 1194.23(i).
1194.31(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	The features that provide enhanced audio are described in the section that addresses paragraph 1194.23(f). Support for assistive hearing devices is described in the section that addresses paragraph 1194.23(i).
1194.31(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	
1194.31(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	The operational characteristics of all controls (e.g., the amount of strength required to press a button) are within the limits specified by paragraph 1194.23(k)(2).

§ 1194.41 Information, Documentation and Support

<i>Criteria</i>	<i>Support Levels</i>	<i>Remarks and Explanations</i>
1194.41(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	Will provide upon request.
1194.41(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	Will provide upon request.
1194.41(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	<p>The point-of-contact for accessibility-related issues is:</p> <p style="text-align: center;">Dr. Paul R. Michaelis Voice: 303-538-4101 TTY: 303-538-3740</p> <p style="text-align: center;">prmichaelis@avaya.com</p>

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