

# Apple Accessibility Conformance Report

## Based on Voluntary Product Accessibility Template® (VPAT®)

**Name of Product:** HomePod

**Product Description:** HomePod and software version 14.1

**Date:** October 13, 2020

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### 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 criteria without known defects or meets with equivalent facilitation.
- **Supports with Exceptions:** Some functionality of the product does not meet the criteria.
- **Does Not Support:** Majority of functionality of the product does not meet the criteria.
- **Not Applicable:** The criteria are not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criteria. This can be used only with WCAG 2.0 Level AAA.

## **WCAG 2.0 Report -**

### **Table 1: Conformance Criteria, Level A -**

*HomePod is a smart speaker that is primarily voice controlled, but certain HomePod features may be completed using a device, such as an iPhone or iPad, including the HomePod Setup Process, HomePod Settings, and Media Controls. Certain Siri responses can be accessed on the companion device. For the accessibility of the HomePod features that leverage the companion device, please refer to iOS and iPadOS 14 VPAT.*

### **Table 2: Conformance Criteria, Level AA -**

*HomePod is a smart speaker that is primarily voice controlled, but certain HomePod features may be completed using a device, such as an iPhone or iPad, including the HomePod Setup Process, HomePod Settings, and Media Controls. Certain Siri responses can be accessed on the companion device. For the accessibility of the HomePod features that leverage the companion device, please refer to iOS and iPadOS 14 VPAT.*

# 2019 Section 508 Report -

## Chapter 3: Functional Performance Criteria-

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Supports	<p>HomePod includes a touch controls reader called VoiceOver that enables the touch controls on HomePod to be used without seeing them.</p> <p>HomePod's Siri supports natural-language voice commands to control music playback, send messages, check the calendar, place a phone call, ask for information, control smart home devices, send an Intercom message to a HomePod in another room, and more. Siri acknowledges voice commands and can respond using audio to answer questions and more.</p>
302.2 With Limited Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Supports	<p>Touch surface is backlit. The +/- volume buttons are painted onto the touch surface of HomePod so they contrast visually from the touch surface when illuminated while music is playing, Siri is invoked, while on a phone call, etc.</p>
302.3 Without Perception of Color. Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Does not support	
302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Does not support	

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.	Supports with Exceptions	HomePod includes a powerful built-in speaker with volume controls.
302.6 Without Speech. Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Supports with Exceptions	<p>Where speech may be required for input, control, or operation, HomePod includes the following features:</p> <p>AirPlay 2 lets users control music playback on HomePod from their iOS or iPadOS devices. This feature allows users to change the song/audio, play/pause, turn up the volume, skip to the next track, and more.</p> <p>The touch controls offer a way to play/pause, adjust the volume, skip the song, and more.</p> <p>The Home app offers an interface to set alarms, control media, and change settings.</p>
302.7 With Limited Manipulation. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Supports	<p>Voice control lets you fully control your HomePod using only your voice. Quickly control music playback, send messages, check the calendar, place a phone call, ask for information, control smart home devices, send an Intercom message to a HomePod in another room, and more. Siri acknowledges voice commands and can respond using audio to answer questions and more.</p> <p>Touch Accommodations provides a means to adjust how the touch controls responds to touches, such as controlling how long you touch before it's recognized or whether it ignores repeated touches.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>302.8 With Limited Reach and Strength. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.</p>	<p>Supports</p>	<p>Voice control lets you fully control your HomePod using only your voice. Quickly control music playback, send messages, check the calendar, place a phone call, ask for information, control smart home devices, intercom to other members of the home, and more. Siri acknowledges voice commands and can respond using audio to answer questions and more.</p> <p>Touch Accommodations provides a means to adjust how the touch controls responds to touches, such as controlling how long you touch before it's recognized or whether it ignores repeated touches.</p>
<p>302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.</p>	<p>Supports</p>	<p>HomePod software includes features to assist users with limited cognitive, language, and learning abilities:</p> <p>HomePod supports natural-language voice commands to control music playback, send messages, check the calendar, place a phone call, ask for information, solve a math problem, control smart home devices, send an Intercom message to a HomePod in another room, and more. Siri acknowledges voice commands and can respond using audio to answer questions and more.</p> <p>Touch surface LEDs provide a visual indication of the status of HomePod (ie. music playing, Siri listening, on a phone call).</p>

## Chapter 4: Hardware -

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality		
402.1 General		
402.2 Speech-Output Enabled		
402.2.1 Information Displayed On-Screen. Speech output shall be provided for all information displayed on-screen.	Supports	HomePod includes a touch controls reader called VoiceOver that enables the touch controls on HomePod to be used without seeing them.
402.2.2 Transactional Outputs. Where transactional outputs are provided, the speech output shall audibly provide all information necessary to verify a transaction.	Not applicable	
402.2.3 Speech Delivery Type and Coordination. Speech output shall be delivered through a mechanism that is readily available to all users, including, but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. Speech output shall be coordinated with information displayed on the screen.	Supports	Speech is delivered via the speaker. HomePod includes a touch controls reader called VoiceOver that enables the touch controls on HomePod to be used without seeing them.
402.2.4 User Control. Speech output for any single function shall be automatically interrupted when a transaction is selected. Speech output shall be capable of being repeated and paused.	Supports	VoiceOver supports audio ducking to allow screen reader information to interrupt other audio. Gestures are available to repeat and pause speech.
402.2.5 Braille Instructions. Where speech output is required by 402.2, braille instructions for initiating the speech mode of operation shall be provided. Braille shall be contracted and shall conform to 36 CFR part 1191, Appendix D, Section 703.3.1.	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
402.3 Volume		
402.3.1 Private Listening. Where ICT provides private listening, it shall provide a mode of operation for controlling the volume. Where ICT delivers output by an audio transducer typically held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not applicable	
402.3.2 Non-private Listening. Where ICT provides non-private listening, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. A function shall be provided to automatically reset the volume to the default level after every use.	Supports	Volume control available by asking Siri, or VoiceOver provides a gesture to change the output and volume of the device.
402.4 Characters on Display Screens. At least one mode of characters displayed on the screen shall be in a sans serif font. Where ICT does not provide a screen enlargement feature, characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "I". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.	Not applicable	
402.5 Characters on Variable Message Signs. Characters on variable message signs shall conform to section 703.7 Variable Message Signs of ICC A117.1-2009 (incorporated by reference, see 702.6.1).	Not applicable	
403 Biometrics		
403.1 General. Where provided, biometrics shall not be the only means for user identification or control.	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
404 Preservation of Information Provided for Accessibility		
404.1 General. ICT that transmits or converts information or communication shall not remove non-proprietary information provided for accessibility or shall restore it upon delivery.	Not applicable	
405 Privacy		
405.1 General. The same degree of privacy of input and output shall be provided to all individuals. When speech output required by 402.2 is enabled, the screen shall not blank automatically.	Not applicable	
406 Standard Connections		
406.1 General. Where data connections used for input and output are provided, at least one of each type of connection shall conform to industry standard non-proprietary formats.	Supports	HomePod supports wireless industry standards for the transmission of voice and data, including Bluetooth 5.0, 802.11n Wi-Fi, and Thread
407 Operable Parts		
407.2 Contrast. Where provided, keys and controls shall contrast visually from background surfaces. Characters and symbols shall contrast visually from background surfaces with either light characters or symbols on a dark background or dark characters or symbols on a light background.	Supports	The +/- volume buttons are painted onto the touch surface of HomePod so they contrast visually from the touch surface when illuminated while music is playing, Siri is invoked, while on a phone call, etc.
407.3 Input Controls		
407.3.1 Tactilely Discernible. Input controls shall be operable by touch and tactilely discernible without activation.	Does not Support	



Criteria	Conformance Level	Remarks and Explanations
407.3.2 Alphabetic Keys. Where provided, individual alphabetic keys shall be arranged in a QWERTY-based keyboard layout and the "F" and "J" keys shall be tactilely distinct from the other keys.	Not applicable	
407.3.3 Numeric Keys. Where provided, numeric keys shall be arranged in a 12-key ascending or descending keypad layout. The number five key shall be tactilely distinct from the other keys. Where the ICT provides an alphabetic overlay on numeric keys, the relationships between letters and digits shall conform to ITU-T Recommendation E.161 (incorporated by reference, see 702.7.1).	Not applicable	
407.4 Key Repeat. Where a keyboard with key repeat is provided, the delay before the key repeat feature is activated shall be fixed at, or adjustable to, 2 seconds minimum.	Not applicable	
407.5 Timed Response. Where a timed response is required, the user shall be alerted visually, as well as by touch or sound, and shall be given the opportunity to indicate that more time is needed.	Not applicable	
407.6 Operation. At least one mode of operation shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	Supports	Touch Accommodations provides a means to adjust how the screen responds to touches, such as controlling how long you touch before it's recognized or whether it ignores repeat touches.
407.7 Tickets, Fare Cards, and Keycards. Where tickets, fare cards, or keycards are provided, they shall have an orientation that is tactilely discernible if orientation is important to further use of the ticket, fare card, or keycard.	Not applicable	
407.8 Reach Height and Depth	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
408 Display Screens		
408.2 Visibility. Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be visible from a point located 40 inches (1015 mm) above the floor space where the display screen is viewed.	Not applicable	
408.3 Flashing. Where ICT emits lights in flashes, there shall be no more than three flashes in any one-second period.	Supports	
409 Status Indicators		
409.1 General. Where provided, status indicators shall be discernible visually and by touch or sound.	Supports	<p>The touch surface on HomePod visually indicates the status of the device. If there is no illumination, the device is inactive. While active, varying colors of illuminations will be shown. For example, the touch surface glows green when a phone call is happening, white when audio is playing, and multicolored when 'Hey Siri' is heard and listening for your request.</p> <p>HomePod includes a touch controls reader called VoiceOver that enables the touch controls on HomePod to be used without seeing them.</p>
410 Color Coding		
410.1 General. Where provided, color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not applicable	
411 Audible Signals		

Criteria	Conformance Level	Remarks and Explanations
411.1 General. Where provided, audible signals or cues shall not be used as the only means of conveying information, indicating an action, or prompting a response	Supports with Exceptions	Where hearing is required to hear Siri responses or content playback, the touch surface on HomePod visually indicates the status of the device. If there is no illumination, the device is inactive. While active, varying colors of illuminations will be shown. For example, the touch surface glows green when a phone call is happening, white when audio is playing, and multicolored when 'Hey Siri' is heard and listening for your request.
412 ICT with Two-Way Voice Communication		
412.2 Volume Gain		
412.2.1 Volume Gain for Wireline Telephones. Volume gain conforming to 47 CFR 68.317 shall be provided on analog and digital wireline telephones.	Not applicable	
412.2.2 Volume Gain for Non-Wireline ICT. A method for increasing volume shall be provided for non-wireline ICT.	Supports	HomePod volume can be controlled via the touch surface.
412.3 Interference Reduction and Magnetic Coupling		
412.3.1 Wireless Handsets. ICT in the form of wireless handsets shall conform to ANSI/IEEE C63.19-2011 (incorporated by reference, see 702.5.1).	Not applicable	
412.3.2 Wireline Handsets. ICT in the form of wireline handsets, including cordless handsets, shall conform to TIA-1083-B (incorporated by reference, see 702.9.1).	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
412.4 Digital Encoding of Speech. ICT in IP-based networks shall transmit and receive speech that is digitally encoded in the manner specified by ITU-T Recommendation G.722.2 (incorporated by reference, see 702.7.2) or IETF RFC 6716 (incorporated by reference, see 702.8.1).	Supports	
412.5 Real-Time Text Functionality	Not applicable	
412.6 Caller ID. Where provided, caller identification and similar telecommunications functions shall be visible and audible.	Not applicable	
412.7 Video Communication. Where ICT provides real-time video functionality, the quality of the video shall be sufficient to support communication using sign language.	Not applicable	
413 Closed Caption Processing Technologies		
413.1.1 Decoding and Display of Closed Captions. Players and displays shall decode closed caption data and support display of captions.	Not applicable	
413.1.2 Pass-Through of Closed Caption Data. Cabling and ancillary equipment shall pass through caption data.	Not applicable	
414 Audio Description Processing Technologies		

Criteria	Conformance Level	Remarks and Explanations
414.1.1 Digital Television Tuners. Digital television tuners shall provide audio description processing that conforms to ATSC A/53 Digital Television Standard, Part 5 (2014) (incorporated by reference, see 702.2.1). Digital television tuners shall provide processing of audio description when encoded as a Visually Impaired (VI) associated audio service that is provided as a complete program mix containing audio description according to the ATSC A/53 standard.	Not applicable	
414.1.2 Other ICT. ICT other than digital television tuners shall provide audio description processing.	Does not Support	
415 User Controls for Captions and Audio Descriptions		
415.1.1 Where ICT provides operable parts for volume control, ICT shall also provide operable parts for caption selection.	Not applicable	
415.1.2 Audio Description Controls. Where ICT provides operable parts for program selection, ICT shall also provide operable parts for the selection of audio description.	Not applicable	

## Chapter 5: Software -

*HomePod is a smart speaker that is primarily voice controlled, but certain HomePod features may be completed using a device, such as an iPhone or iPad, including the HomePod Setup Process, HomePod Settings, and Media Controls. Certain Siri responses can be accessed on the companion device. For the accessibility of the HomePod features that leverage the companion device, please refer to iOS and iPadOS 14 VPAT.*

## Chapter 6: Support Documentation and Services -

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
602 Support Documentation		

Criteria	Conformance Level	Remarks and Explanations
<p>602.2 Accessibility and Compatibility Features. Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.</p>	<p>Supports</p>	<p>HomePod documentation is available online in an accessible format in accessible HTML format through;</p> <ul style="list-style-type: none"> <li>• Apple Support at <a href="https://www.apple.com/support">https://www.apple.com/support</a></li> <li>• HomePod new release page at <a href="https://www.apple.com/homepod-2018/">https://www.apple.com/homepod-2018/</a></li> <li>• Accessibility product page at <a href="https://www.apple.com/accessibility/homepod/">https://www.apple.com/accessibility/homepod/</a></li> </ul> <p>The Accessibility guide and the VoiceOver guide are delivered as online manual in accessible HTML from <a href="https://support.apple.com/manuals/homepod">https://support.apple.com/manuals/homepod</a>. The VoiceOver guide is available electronic .brf braille at no charge. Charges may apply for embossed braille.</p> <p>VPATs for Apple products are available at <a href="https://support.apple.com/accessibility/vpat">https://support.apple.com/accessibility/vpat</a>.</p>
<p>602.3 Electronic Support Documentation. Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).</p>	<p>See WCAG 2.0 section</p>	<p>The electronic web-based product documentation for iOS and iPadOS conforms to both Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0.</p>
<p>602.4 Alternate Formats for Non-Electronic Support Documentation. Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.</p>	<p>Supports</p>	<p>Product documentation is available in embossed braille via third party provider</p>
<p>603 Support Services</p>		

Criteria	Conformance Level	Remarks and Explanations
603.2 Information on Accessibility and Compatibility Features. ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Supports	Apple Support provides advisors with information on accessibility and compatibility features for HomePod software. This information is also documented in the product documentation.
603.3 Accommodation of Communication Needs. Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.	Supports	Support via the Internet is available through the Apple Knowledge base at <a href="http://www.apple.com/support">http://www.apple.com/support</a> .  For additional information on the many service and support options offered by Apple visit <a href="http://www.apple.com/support">www.apple.com/support</a> .

## Legal Disclaimer:

*Some features described in this document are not available in all areas, may be subject to additional fees or payments, and may be dependent on your network service plan. HomePod requires iPhone SE, iPhone 6s or later, or iPod touch (7th generation) with the latest iOS; or iPad Pro, iPad (5th generation or later), iPad Air 2 or later, or iPad mini 4 or later with the latest iPadOS.*

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