

### Technical Specifications

### HP Unified Communications and Collaboration Devices

#### Models

HP UC Wireless Duo Headset	W3K09AA
HP UC Wireless Mono Headset	W3K08AA
HP UC Wired Headset	K7V17AA
HP UC Speaker Phone	K7V16AA
HP Conferencing Keyboard	K8P74AA
HP Wireless Collaboration Keyboard <b>New!</b>	Z9N39AA
HP USB Collaboration Keyboard <b>New!</b>	Z9N38AA

#### HP UC Wireless Duo Headset



- |  |  |
|--|--|
| 1. Superior noise-reduction microphone                 | 7. Multi-function button: Answer/end call              |
| 2. Padded headband for optimal comfort                 | 8. Volume down, mute/unmute microphone                 |
| 3. Microphone boom magnetic storing groove             | 9. On/ off switch                                      |
| 4. Adjustable headband for optimal coupling to the ear | 10. Ultra-soft and comfortable leatherette ear cushion |
| 5. Volume up   | 11. USB Nano Receiver                                  |
| 6. Busy light cues to avoid interruptions              |  |

#### HP UC Wireless Duo Headset

<b>Part number</b>	W3K09AA
<b>Dimensions</b> (H x L x W)	2.28 x 6.69 x 6.1 in (5.8 x 17.0 x 15.5 cm)
<b>Weight</b>	10.9 oz. (310 g)
<b>Connectivity</b>	Dual connectivity - USB dongle and Bluetooth® or NFC
<b>Bluetooth® Technology</b>	Bluetooth® 4.0

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<b>Compatibility/System requirements</b>	Available USB port for Windows devices, Bluetooth® or NFC for mobile devices Compatible with UC applications, softphones, Microsoft Lync and Skype for Business Certified for Skype for Business
<b>Operating range</b>	Up to 30m/100ft to PC
<b>Features Summary</b>	Crystal clear conversations Plug-and-play connectivity Durable and lightweight design for all-day comfort Adjustable headband Made for voice and music Integrated Busy light indicator Rechargeable battery. To charge the headset, connect to a powered USB port Up to 8 paired devices, connected to two at the same time
<b>Speaker Frequency Response</b>	Wideband/Hifi
<b>Earpiece design</b>	Over-the-ear
<b>Microphone</b>	Flexible Boom arm tip 160° rotation, supporting left and right wearing. Boom can be integrated into the headband when not on calls
<b>Microphone design</b>	Noise-canceling microphone reduces unwanted background noise and is ideal in crowded and noisy, open office environments
<b>User interface</b>	Call-control features on ear cup for quick access controls to answer/end calls, mute and volume
<b>Talk time</b>	Up to 7 hours
<b>Standby time</b>	TBD
<b>Security</b>	Pairing, Authentication and Encryption (Bluetooth® standard)
<b>Operating System</b>	Windows 7 and higher
<b>Certifications</b>	Bluetooth® 4.0, CE, FCC ID, IC ID KCC, RCM, NCC, TELEC, SRRCC Digital Signal Processing technology
<b>Country of origin</b>	China
<b>Kit contents</b>	HP UC Wireless Duo Headset, USB cable, nano USB dongle, carrying pouch and documentation
<b>Service and support</b>	One-year limited warranty

Note: Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume

### Technical Specifications

#### HP UC Wireless Mono Headset



1. Flexible eargel for optimal comfort
2. Answer/ end/ reject call button
3. Voice control and Mute/Unmute button
4. Bluetooth® pairing LED indicator
5. Micro USB Charging Port

6. Microphone with a superior noise-reduction feature
7. NFC for easy pairing\*
8. On/ off switch
9. USB Nano Receiver

	<b>HP UC Wireless Mono Headset</b>
<b>Part number</b>	W3K08AA
<b>Dimensions (H x L x W)</b>	0.95 x 2.57 x 0.61 in ( 2.4 x 6.5 x W 1.5 cm)
<b>Weight</b>	0.28 oz. ( 7.9 g)
<b>Connectivity</b>	Dual connectivity - USB dongle and Bluetooth® or NFC
<b>Bluetooth® Technology</b>	Bluetooth® 4.0
<b>Compatibility/System requirements</b>	Available USB port for Windows devices, Bluetooth® or NFC for mobile devices Compatible with UC applications, softphones, Microsoft Lync and Skype for Business Certified for Skype for Business
<b>Operating range</b>	Up to 30 m/100 ft. range to PC when connected to USB dongle. Up to 10 m/33 ft. range to mobile (phone dependent).

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<b>Feature Summary</b>	Crystal clear sound with noise reduction Lightweight, discrete, and comfortable design Answer/end call, reject call*, voice dialing*, last number redial*, mute/unmute Up to 8 paired devices, connected to two at the same time Battery and pairing status display Rechargeable battery. To charge the headset, connect to a powered USB port
<b>Frequency Response</b>	300 – 3400 Hz
<b>Earpiece design</b>	In-ear wearing style
<b>Microphone</b>	Omni-directional
<b>Talk time</b>	Up to 6 hours
<b>Standby time</b>	TBD
<b>Pairing passkey or PIN</b>	0000
<b>Security</b>	128 bit encryption
<b>Operating Systems</b>	Windows 7 or higher
<b>Certifications</b>	Bluetooth® 4.0. CE, FCC, GOST, RoHS, REACH
<b>Country of origin</b>	China
<b>Kit contents</b>	HP UC Wireless Mono Headset, 2 sets of comfort eargels, 2 size earhooks, USB cable, nano USB dongle, carrying pouch and documentation
<b>Service and support</b>	One-year limited warranty

Note: Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume

### Technical Specifications

#### HP UC Wired Headset



1. Microphone with a superior noise-reduction feature
2. Flexible boom arm tip for easy microphone adjustment
3. Crystal clear wideband sound
4. Adjustable speaker chambers for optimal coupling to the ear

5. Plug-and-play USB connectivity
6. Intuitive call-control unit
7. Padding on the headband for optimal comfort
8. Ultra-soft and comfortable leatherette ear cushion

#### HP UC Wired Headset

<b>Part number</b>	K7V17AA
<b>Dimensions (H x L x W)</b>	5.9 x 5.9 x 1.97 in (15.0 x 15.0 x 5.0 cm)
<b>Weight</b>	3.46 oz. (98 g)
<b>Connectivity</b>	USB cable
<b>Compatibility/System requirements</b>	Available USB port for Windows devices. Compatible with UC applications, softphones, Microsoft Lync and Skype for Business. Certified for Skype for Business
<b>Feature Summary</b>	Crystal clear conversations Durable and lightweight design for all-day comfort Plug-and-play connectivity Adjustable headband Leatherette ear cushion type

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<b>Frequency range</b>	Hi-Fi audio quality with frequency range up to 20 KHz
<b>Sound mode</b>	Stereo duo speakers. PeakStop™ technology protects user against sudden loud sounds
<b>Earpiece design</b>	Over-the-ear
<b>Microphone</b>	Noise-canceling microphone reduces unwanted background noise and is ideal in crowded and noisy, open office environments
<b>Microphone design</b>	Flexible Boom arm tip 160° rotation, supporting left and right wearing
<b>Speaker</b>	Digital Signal Processing technology
<b>User interface</b>	Call-control features on headset cord for quick access controls to answer/end calls, mute and adjust volume
<b>Cable length</b>	78.74 inches (2 m)
<b>Operating systems</b>	Windows 7 and higher
<b>Country of origin</b>	China
<b>Kit contents</b>	HP UC Wired Headset, carrying pouch, and documentation
<b>Service and support</b>	One-year limited warranty

Note: Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume

### Technical Specifications

#### HP UC Speaker Phone



- |                    |                    |
|--------------------|--------------------|
| 1. Mute            | 5. Turn on/off     |
| 2. Bluetooth®      | 6. End/reject call |
| 3. Decrease volume | 7. Increase volume |
| 4. Answer call     | 8. Battery status  |

#### HP UC Speaker Phone

<b>Part number</b>	K7V16AA
<b>Dimensions</b>	4.72 in (12.0 cm) diameter x 1.30 in (3.3 cm) height
<b>Weight</b>	6.87 oz. (195 g)
<b>Connectivity</b>	USB cable for PC softphone/UC systems and Bluetooth® connection for smartphones and tablets
<b>Compatibility/ System requirements</b>	Available USB port for Windows systems and Bluetooth® for enabled mobile devices. Compatible with UC applications, softphones, Microsoft Lync and Skype for Business. Certified for Skype for Business.

<b>Feature Summary</b>	Crystal clear conversations Compact, portable design Plug-and-play USB and Bluetooth® connectivity LED indicators and quick access controls to answer/end calls, mute and adjustment volume Up to 328 ft. (100 meters) wireless working range
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## Technical Specifications

<b>Microphone</b>	Built-in omni-directional microphone with 360 degree coverage
<b>Audio</b>	Built-in 3.5 mm headset port Digital Signal Processing (DSP) technology Wideband Audio/HD voice
<b>Battery</b>	Rechargeable battery up to 14 hours 45 minutes* hours talk time
<b>Operating Systems</b>	Windows 7 and higher
<b>Country of origin</b>	China
<b>Kit contents</b>	HP UC Speaker Phone, carrying pouch, documentation
<b>Service and support</b>	One-year limited warranty

\* Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage.

Note: Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume.



## Technical Specifications

### HP Conferencing Keyboard



- |  |                       |
|--|-----------------------|
| 1. Function Keys                                 | 6. End/Decline a Call |
| 2. F11 Lync or Skype for Business Contact list * | 7. Answer a Call      |
| 3. F12 Lync or Skype for Business Calendar **    | 8. Microphone Mute    |
| 4. Share Screen                                  | 9. Audio Mute         |
| 5. Stop Webcam                                   | 10. Volume Up/Down    |

\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Contact list

\*\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Calendar

### HP Conferencing Keyboard

<b>Part number</b>	K8P74AA
<b>Dimensions (H x L x W)</b>	0.85 x 17.34 x 6.10 in (2.16 x 44.05 x 15.50 cm)
<b>Weight</b>	24.69 oz. ( 700 g)
<b>Connectivity</b>	USB cable
<b>Keys</b>	110 (US) Layout, 111 (EU) Layout – depending upon country
<b>Feature Summary</b>	Full-size ultra quiet keyboard with numerical pad and 12 function keys One-touch simplicity for Microsoft Lync or Skype for Business calls with dedicated keys and LED light indicators
<b>Illuminated keys</b>	Incoming Call – <i>Blinks Green</i> Call in progress – <i>Green</i> Microphone Mute – <i>Orange</i> Audio Mute – <i>Orange</i> Screen Sharing – <i>Orange</i> Stop Webcam – <i>Orange</i>
<b>Other Call control keys</b>	End/Decline Call Volume up and down rocker key

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**Microsoft Lync/Outlook**

Fn+F12 – Lync or Skype for Business Calendar will open. If Lync or Skype for Business is not available will bring Outlook Calendar \*

Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list \*

**Functions Keys**

Fn+F10 – System Settings

Fn+F9 – Devices

Fn+F8 – Search

Fn+F7 – Blank

Fn+F6 – Up Brightness Adjustment

Fn+F5 – Down Brightness Adjustment

Fn+F4 – Display Options

Fn+F3 – File Explorer

Fn+F2 – System Lock

Fn+F1 – System Sleep

**System requirements**

Available USB port

Windows 7, Windows 8.x, and Windows 10

Server: Microsoft Lync Server 2010 or 2013 and Skype for Business Server 2015

Client: Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business

Notes:

- Limited support for Microsoft Lync 2010, Microsoft Lync 2013 Basic and Microsoft Metro Mode
- Screen brightness functions supported in select HP systems

**Approvals**

FCC; CE; ACA(C-tick); EAC

**EMC**

UL, CE Mark

**Product Safety****Country of origin**

China

**Kit contents**

HP Conferencing Keyboard and documentation

**Service and support**

One-year limited warranty

**Compatibility**

HP Conferencing Keyboard is compatible with HP Business Notebooks, Desktops and docking products – HP 90W/230W Docking Stations, 120W/230W Advanced Docking Stations and Ultra Slim Docks.

“\* Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

### Technical Specifications

#### HP Wireless Collaboration Keyboard



- |  |   |
|--|---|
| 1. Function Keys                                 | 7. Answer a Call                                  |
| 2. F11 Lync or Skype for Business Contact list * | 8. End a Call                                     |
| 3. F12 Lync or Skype for Business Calendar **    | 9. Stop Webcam                                    |
| 4. Share Screen                                  | 10. Microphone Mute                               |
| 5. Audio Mute                                    | 11. Battery life status and pairing LED indicator |
| 6. Volume Up/Down                                |   |

\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Contact list

\*\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Calendar

#### HP Wireless Collaboration Keyboard

<b>Part number</b>	Z9N39AA
<b>Weight</b>	1.46lb (662.3g)
<b>Connectivity</b>	Wireless 2.4 GHz, Link-5
<b>Wireless Connection Encryption</b>	Secure 128-bit (AES) encryption between device and receiver
<b>Power Specifications</b>	Rechargeable Li-ion battery (3150mAh)
<b>Battery Life (rechargeable)</b>	Up to 3 months
<b>mUSB rechargeable cable length</b>	5.9 ft (1.8 m)
<b>Indicator Lights</b>	Battery and connection status LED
<b>Switches</b>	Power switch - On/Off position Function Lock switch - access the special function keys without having to first press on the Fn key -On (Green): Performs the action as depicted in the icon -Off (Red): Hold the fn key and the numeral function key to perform the action as depicted in the icon
<b>Connect button</b>	Link-5 connect button
<b>Port</b>	Micro USB Type B port to recharge keyboard battery
<b>Keys</b>	109 (US) Layout, 110 (EU) Layout, 114 (JP) Layout – depending upon country
<b>Feature Summary</b>	Full-size keyboard with numerical pad and 12 function keys. Adjustable slope 0-6 degrees

### Technical Specifications

<b>Illuminated keys</b>	Key force: 60±10g Key life: 10 million cycles activation (Normal Key) Key typing noise: Max 55dbA Key structure: Scissor type Key cap legend: Printed (Lync Buttons Laser Printed) Incoming Call – <i>Blinks Green</i> Call in progress - <i>Green</i> Decline Incoming Call – <i>Blinks Red</i> End Call – <i>Red</i> Microphone Mute – <i>Amber</i> Audio Mute – <i>Amber</i> Screen Sharing – <i>Amber</i> Stop Webcam – <i>Amber</i> Cap Lock Num Lock
<b>Other Call control keys Microsoft Lync/Outlook</b>	Volume up and down Fn+F12 – Lync or Skype for Business Calendar will open. If Lync or Skype for Business is not available will bring Outlook Calendar * Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list *
<b>Functions Key</b>	Fn+F10 – Print Screen Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
<b>System requirements</b>	Available USB port Windows 7, Windows 8.x, and Windows 10 Server: Microsoft Lync Server 2013 or Skype for Business Server 2015 Client: Locally installed on the system Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business Notes: <ul style="list-style-type: none"><li>• Limited support for Microsoft Lync 2013 Basic and Microsoft Metro Mode</li><li>• Screen brightness functions supported in select HP systems</li></ul>
<b>Operating Temperature</b>	0 ~ +40°C
<b>Approvals</b>	CE RF test report; USA /FCC Part 15 C; Canada/RS-210; Argentina; Jordan; RUSSIA-FAC(RF); RUSSIA-CU; South Africa; Turkey; Ukraine; BRAZIL; Mexico; Australia / New Zealand; Australia / New Zealand RCM; AUSTRALIA NEW ZEALAND RF; China SRRC; INDIA wireless; INDIA safety; Indonesia; Japan TELEC; KOREA KCC; MALAYSIA; Pakistan; Philippines; Singapore; Taiwan BSMI; Taiwan NCC; CB for Nemko; cCSAus for CSA; UL/CUL; GS for TUV Rh; Japan EMC
<b>Country of origin</b>	China
<b>Kit contents</b>	Keyboard, USB Link-5 micro-receiver, micro USB to USB rechargeable cable and documentation
<b>Service and support</b>	One-year limited warranty

\*\* Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

## Technical Specifications

### HP USB Collaboration Keyboard



- |  |                     |
|--|---------------------|
| 1. Function Keys                                 | 6. Volume Up/Down   |
| 2. F11 Lync or Skype for Business Contact list * | 7. Answer a Call    |
| 3. F12 Lync or Skype for Business Calendar **    | 8. End a Call       |
| 4. Share Screen                                  | 9. Stop Webcam      |
| 5. Audio Mute                                    | 10. Microphone Mute |

\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Contact list

\*\*Microsoft Lync 2013, Skype for Business or Microsoft Outlook 2013 Calendar

### HP USB Collaboration Keyboard

<b>Part number</b>	Z9N38AA
<b>Dimensions</b>	17.04 x 0.46x 5.55 inch (43.3 x 1.18 x 14.1 cm)
<b>Weight</b>	1.42lb (662.3g)
<b>Connectivity</b>	USB cable
<b>USB Cable length</b>	5.9 ft (1.8 m)
<b>Switch</b>	Function Lock switch - access the special function keys without having to first press on the Fn key -On (Green): Performs the action as depicted in the icon -Off (Red): Hold the fn key and the numeral function key to perform the action as depicted in the icon
<b>Keys</b>	109 (US) Layout, 110 (EU) Layout, 114 (JP) Layout – depending upon country Full-size keyboard with numerical pad and 12 function keys.
<b>Feature Summary</b>	Adjustable slope 0-6 degrees Key force: 60±10g Key life: 10 million cycles activation (Normal Key) Key typing noise: Max 55dbA Key structure: Scissor type

### Technical Specifications

	Key cap legend: Printed (Lync Buttons Laser Printed)
<b>Illuminated keys</b>	Incoming Call – <i>Blinks Green</i> Call in progress – <i>Green</i> Decline incoming Call – <i>Blinks Red</i> End Call – <i>Red</i> Microphone Mute – <i>Amber</i> Audio Mute – <i>Amber</i> Screen Sharing – <i>Amber</i> Stop Webcam – <i>Amber</i> Cap Lock Num Lock
<b>Other Call control keys Microsoft Lync/Outlook</b>	Volume up and down Fn+F12 – Lync or Skype for Business Calendar will open. If Lync or Skype for Business is not available will bring Outlook Calendar * Fn+F11 – Lync or Skype for Business Contact will open. If Lync or Skype for Business is not available will bring Outlook Contact list *
<b>Functions Key</b>	Fn+F10 – Print Screen Fn+F9 – Devices Fn+F8 – Search Fn+F7 – Blank Fn+F6 – Up Brightness Adjustment Fn+F5 – Down Brightness Adjustment Fn+F4 – Display Options Fn+F3 – File Explorer Fn+F2 – System Lock Fn+F1 – System Sleep
<b>System requirements</b>	Available USB port Windows 7, Windows 8.x, and Windows 10  Server: Microsoft Lync Server 2013 or Skype for Business Server 2015 Client: Locally installed on the system Microsoft Lync 2013 version 15.0.46xx or newer or Skype for Business Notes: <ul style="list-style-type: none"><li>• Limited support for Microsoft Lync 2013 Basic and Microsoft Metro Mode</li><li>• Screen brightness functions supported in select HP systems</li></ul>
<b>Operating Temperature</b>	0 ~ +40°C
<b>Approvals</b>	CB for Nemko; CE EMC test report; TUV GS; UL/cULus; CSA/cCSAus; Russia EA for BELLIS; USA + Canada; Ukraine UKrSEPRO for UkrTEST; Korea MSIP for SK TECH; Taiwan BSMI; Australia / New Zealand; Australia / New Zealand RCM; Japan EMC; WHQL Win 10
<b>Country of origin</b>	China
<b>Kit contents</b>	Keyboard and documentation
<b>Service and support</b>	One-year limited warranty

\*Fn+11 and Fn+12 function keys are not supported in Microsoft Windows 8.x Metro mode

### Summary of changes

Date of change		Version History	Description of change
March 5, 2015	V1 to V2	Updated	Line art for keyboard and added footnotes
July 7, 2015	V2 to V3	Updated	Name of products and specs
August 5, 2015	V3 to V4	Updated	Compatibility page 2, page 4, Labels 2, 3 and footnotes page 5 Feature Summary, Function keys, System requirements page 6 Footnote page 7
July 7, 2016	V4 to v5	Added	HP UC Wireless Duo Headset W3K09AA HP UC Wireless Mono Headset W3K08AA
May 26, 2017	V5 to V6	Added	HP Wireless Collaboration Keyboard Z9N39AA HP USB Collaboration Keyboard Z9N38AA

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