



## **Avaya Solution & Interoperability Test Lab**

---

# **Application Notes for Jabra Motion Bluetooth Headset Version a1.17.0 with Avaya 9641G and 9670G IP Telephones – Issue 1.0**

### **Abstract**

These Application Notes describe the configuration steps required to integrate the Jabra Motion Bluetooth headset with Avaya 9641G and 9670G IP Telephones via Bluetooth interface. The Avaya 9641G and 9670G IP Telephones provide integrated Bluetooth support. The Jabra Motion Bluetooth headset allows users to answer mute and un-mute calls directly from the headset.

Information in these Application Notes has been obtained through DevConnect compliance testing and additional technical discussions. Testing was conducted via the DevConnect Program at the Avaya Solution and Interoperability Test Lab.

# 1. Introduction

The Jabra Speak 510 is a Bluetooth headset with sensor technology for call control, and audio performance and battery performance.

These Application Notes describe the configuration steps required to integrate the Jabra Motion Bluetooth headset (Motion) with Avaya 9641G and 9670G IP Telephones via Bluetooth interface and operate as a Bluetooth headset for the IP phones. The Avaya 9641G and 9670G IP Telephones provide integrated Bluetooth support. The Jabra Motion allows users to answer mute and un-mute calls directly from the headset.

## 2. General Test Approach and Test Results

Avaya's formal testing and Declaration of Conformity is provided only on the headsets/handsets that carry the Avaya brand or logo. Avaya may conduct testing of non-Avaya headset/handset to determine interoperability with Avaya phones. However, Avaya does not conduct the testing of non-Avaya headsets/handsets for: Acoustic Pressure, Safety, Hearing Aid Compliance, EMC regulations, or any other tests to ensure conformity with safety, audio quality, long-term reliability or any regulation requirements. As a result, Avaya makes no representations whether a particular non-Avaya headset will work with Avaya's telephones or with a different generation of the same Avaya telephone.

Since there is no industry standard for handset interfaces, different manufacturers utilize different handset/headset interfaces with their telephones. Therefore, any claim made by a headset vendor that its product is compatible with Avaya telephones does not equate to a guarantee that the headset will provide adequate safety protection or audio quality.

The interoperability compliance test included feature and serviceability testing. The feature testing focused on placing calls to and from the Avaya 9641/G9670G IP Telephones using the Jabra Motion and verifying two-way audio. The call types included calls to voicemail, to local extensions, and to the PSTN.

The serviceability testing focused on verifying the usability of the Jabra Motion after restarting the Avaya 9641G/9670G IP Telephones and pairing (and disconnecting) the Motion headset with the phone using Bluetooth interface.

## 2.1. Interoperability Compliance Testing

All test cases were performed manually. The following features were verified:

- Placing calls to the voicemail system. Voice messages were recorded and played back to verify that the playback volume and recording level were good.
- Placing calls to internal extensions to verify two-way audio.
- Placing calls to the PSTN to verify two-way audio.
- Answering using voice command and ending calls using the call control button on the headset.
- Using the volume control buttons on the Jabra headset to adjust the audio volume.
- Using the mute control button on the Jabra headset to mute and un-mute the audio.

For the serviceability testing, the Jabra headset was paired with the 9641G/9670G IP telephone using Bluetooth and removed from the Bluetooth device list on the phone.

## 2.2. Test Results

All test cases passed.

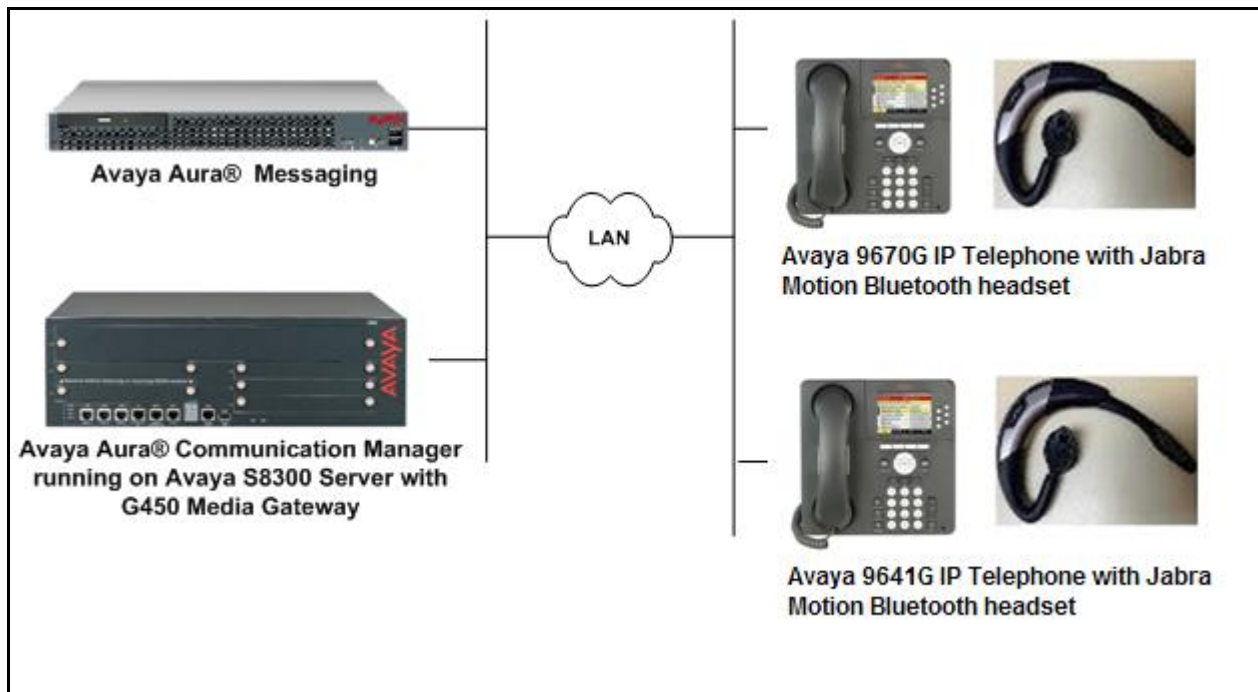
## 2.3. Support

For support on this Jabra Motion solution, contact Jabra Technical Support at:

- Phone: (800) 697-8757
- Website: <http://www.jabra.com/NA-US/Support/pages/Default.aspx>
- Email: [JabraSupport.US@jabra.com](mailto:JabraSupport.US@jabra.com)

### 3. Reference Configuration

**Figure 1** illustrates the test configuration used to verify the Jabara Motion with Avaya 9641G/9670G IP Telephones. The configuration consists of an Avaya S8300 Server running Avaya Aura® Communication Manager with an Avaya G450 Media Gateway providing connectivity to the PSTN via an ISDN-PRI trunk (not shown). Avaya Aura® Messaging was used as the voicemail system. The Jabra Motion headset was paired with the 9641G/9670G IP telephones as a Bluetooth device.



**Figure 1: Avaya 9641G/9670G IP Telephones with Jabra Motion Bluetooth Headset**

## 4. Equipment and Software Validated

The following equipment and software were used for the sample configuration provided:

Equipment/Software	Release/Version
Avaya Aura® Communication Manager running Avaya S8300 Server	R016x.02.0.823.0
Avaya G450 Media Gateway	31.22.0.1
Avaya Aura® Messaging	6.0.1 SP 1
Avaya 9600 Series IP Telephones <ul style="list-style-type: none"><li>▪ Avaya 9641G IP Telephone</li><li>▪ Avaya 9670G IP Telephone</li></ul>	6.2209 (H.323) 3.1 SP 2 (H.323)
Jabra Motion Bluetooth headset	a1.17.0

## 5. Configure Avaya Aura® Communication Manager

This section covers the station configuration for the Avaya 9641G/9670G IP Telephone. The configuration is performed via the System Access Terminal (SAT) on Communication Manager. The procedures include:

- Configuring a station for the 9641G/9670G IP telephones
- Pairing the Jabra headset with the IP telephones.
- Removing the Jabra headset from the IP telephone Bluetooth device list, when necessary.

### 5.1. Configure a Station for Avaya 9641G/9670G IP Telephones

Use the **add station** command to create a station for the 9641G/9670G IP telephones. Enter the following values for the specified fields, and retain the default values for the remaining fields.

- **Type:** enter station type **9640**.
- **Name:** A descriptive name.
- **Security Code:** Enter a valid code, e.g. **1234**.
- **IP SoftPhone:** “y”

**Note:** To enable Auto Answer on the IP telephone set the **Auto Answer** field on **Page 2** (not shown) to the appropriate value, such as *all*.

add station 53010		Page 1 of 5
STATION		
Extension: 53010	Lock Messages? n	BCC: 0
<b>Type: 9640</b>	<b>Security Code: 53010</b>	TN: 1
<b>Port: IP</b>	Coverage Path 1:	COR: 1
Name: Jabra	Coverage Path 2:	COS: 1
	Hunt-to Station:	
STATION OPTIONS		
Loss Group: 19	Time of Day Lock Table:	
	Personalized Ringing Pattern: 1	
Speakerphone: 2-way	Message Lamp Ext: 53010	
Display Language: english	Mute Button Enabled? y	
Survivable GK Node Name:	Button Modules: 0	
Survivable COR: internal	Media Complex Ext:	
Survivable Trunk Dest? y	IP SoftPhone? n	
	IP Video? n	
	Short/Prefixed Registration Allowed: default	
	Customizable Labels? y	

## 5.2. Pair Jabra Motion with IP Telephone

After the 9641G/9670G IP telephones are configured and in-service, start the Bluetooth pairing process as described below. The 9641G/9670G IP telephones provide a touch-screen.

**Note:** If the headset does not pair or connect to the 9641G/9670G IP phone, follow the procedure in the next section to reset the Bluetooth device list.

1. On the 9641G/9670G, press the **Home** button and then select the **Settings** icon on the touch-screen.
2. Select **Bluetooth Setup** and then select **Add** to add a Bluetooth device.
3. Select **Other Headset**.
4. Now, turn on the Jabra headset and Bluetooth the light indicator is lit up.
5. On the 9641G/9670G, select **Start** to begin the pairing process.
6. Wait 5-15 sec. while the devices discover each other. The 9641G/9670G will display “Looking for Bluetooth device” on the touch-screen.
7. Once found, the 9641G/9670G will display the device found. It will indicate “Device: Jabra Motion”.
8. On the 9641G/9670G, select **Next**.
9. Wait while the Passkey is processed. The 9641G/9670G will automatically try common Bluetooth Passkeys, such as ‘0000’. The Jabra headset uses ‘0000’ by default so the headset should be paired successfully without any further action by the user.
10. When the pairing process is complete, the 9641G/9670G will display, “Your Bluetooth device paired” and the Jabra Motion will announce, “Connected”.

## 5.3. Removing Headset from 9670G Bluetooth Device List

To remove the headset from the 9641G/9670G Bluetooth device list, follow these instructions.

**Note:** This procedure may be necessary if the Motion headset will not pair or connect to the 9641G/9670G IP telephones and the user would like to restart the pairing process. Pairing information for devices previously paired with the headset will be lost.

1. On the 9641G/9670G, press the **Home** button and then select the **Settings** icon on the touch-screen.
2. Select **Bluetooth Setup** and follow the prompts to remove the headset from the list.

## 6. Configure Jabra Motion Bluetooth Headset

No configuration is required for the Jabra Motion. However, the Jabra headset does have to be paired with the Avaya 9641G/9670G IP phone as a Bluetooth device using the default Passkey on the headset, which is '0000'. Once the headset has been paired, it will be ready for calls.

## 7. Verification Steps

Verify that the Jabra Motion has been paired with the 9641G/9670G IP telephones using Bluetooth by viewing the Bluetooth device list on the phone under **Bluetooth Setup**. Once the headset is connected to the IP phone, verify that incoming and outgoing calls are established with two-way audio to the Jabra headset and that the Jabra Motion can get dial tone.

## 8. Conclusion

These Application Notes describe the configuration steps required to integrate the Jabra Motion Bluetooth headset with Avaya 9641G/9670G IP Telephones. All test cases were completed successfully.

## 9. Additional References

Product documentation for the Avaya Aura® Communication Manager products may be found at:

<https://support.avaya.com/css/Products/>

Product documentation for Jabra Motion and Jabra products may be found at:

<http://www.jabra.com>

[1] Avaya Aura® Communication Manager Documents:

- Administering Avaya Aura® Communication Manager Server Options, Release 6.2, Doc # 6.203-603479, Issue 3.0, December 2012.
- Administering Avaya Aura® Communication Manager, Release 6.2, Doc # 03-300509, Issue 7.0, December 2012.

[2] Jabra Motion Documents:

Jabra Motion Quick Start Guide included with the device.



---

**©2013 Avaya Inc. All Rights Reserved.**

Avaya and the Avaya Logo are trademarks of Avaya Inc. All trademarks identified by ® and ™ are registered trademarks or trademarks, respectively, of Avaya Inc. All other trademarks are the property of their respective owners. The information provided in these Application Notes is subject to change without notice. The configurations, technical data, and recommendations provided in these Application Notes are believed to be accurate and dependable, but are presented without express or implied warranty. Users are responsible for their application of any products specified in these Application Notes.

Please e-mail any questions or comments pertaining to these Application Notes along with the full title name and filename, located in the lower right corner, directly to the Avaya DevConnect Program at [devconnect@avaya.com](mailto:devconnect@avaya.com).