Avaya Solution & Interoperability Test Lab

Application Notes for Integrating the Logitech B530 USB Headset with Avaya One-X® Communicator release 6.1 - Issue 1.0

Abstract

These Application Notes describe the steps required to integrate the Logitech B530 USB headset with Avaya One-X® Communicator Release 6.1 as an endpoint on the Avaya Aura® Platform.

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.

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1. Introduction

These Application Notes describe the steps required to integrate the Logitech B530 USB headset (hereafter referred to as B530) with Avaya One-X® Communicator Release 6.1 as an endpoint on the Avaya Aura® Platform.

2. General Test Approach and Test Results

To verify interoperability of the Logitech B530 USB headset with Avaya One-X® Communicator Release 6.1, video and audio calls were made between Avaya One-X® Communicator and Avaya Flare™ Experience. In addition, voice calls were established from Logitech B530 on the Avaya one-X® Communicator and Avaya IP telephones. Additional features were exercised on the B530 such hold, mute and resume.

2.1 Interoperability Compliance Testing

Interoperability compliance testing covered the following features and functionality:

- Voice calls between the B530 on Avaya One-X® Communicator with Avaya Flare™ Experience.
- Voice calls between the B530 on Avaya One-X® Communicator with IP phones.
- Voice calls between the B530 on Avaya One-X® Communicator with another Avaya One-X® Communicator.
- Mute, hold and resume voice and video calls.
- Ability to recover when Avaya One-X® Communicator restarts.

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.

2.2 Test Results

All test cases are passed.

2.3 Support

For technical support on the Logitech B530, contact Logitech Support via phone or website.

- **Phone:** 1 646-454-3209
- **Web:** http://www.logitech.com/en-us/support-downloads

3. Reference Configuration

Figure 1 illustrates a sample configuration with an Avaya SIP-based network that includes the following Avaya products:

- Avaya Aura® Communication Manager running on an Avaya S8800 Server with a G650 Media Gateway.
- Avaya Aura® Session Manager connected to Communication Manager via a SIP trunk and acting as a Registrar/Proxy for SIP telephones and video endpoints.
- Avaya Aura® System Manager used to configure Session Manager.

In addition, a Logitech webcam B910, B990, B525 and Avaya one-X® Communicator (SIP and H.323 versions) were used for video calls.   All SIP devices registered with Session Manager and were configured as Off-PBX Stations (OPS) on Communication Manager.
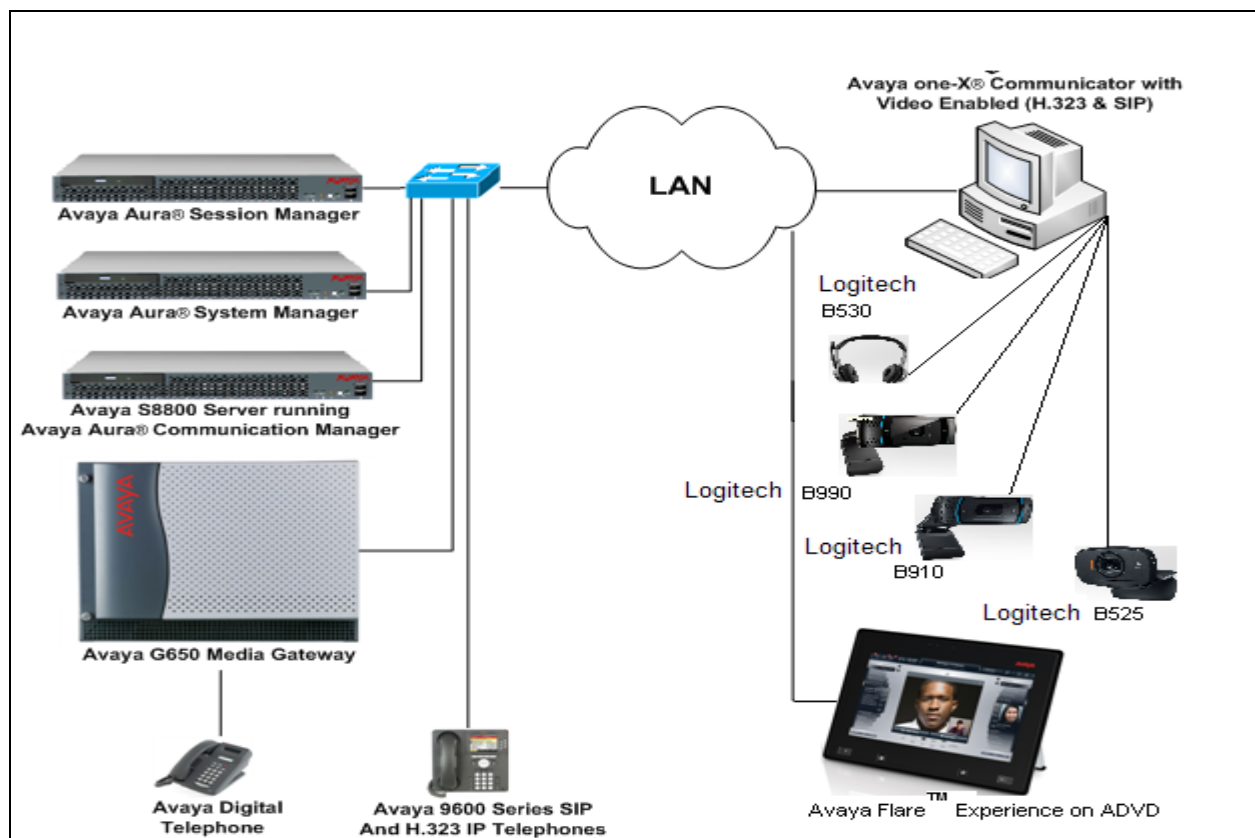

Figure 1: Avaya Network with the Logitech B530 as integrate USB headset connecting to Avaya One-X® Communicator.

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4. Equipment and Software Validated

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

Equipment	Software Version
Avaya S8800 server	Avaya Aura® Communication Manager R016x.00.1.510.1
Avaya G650 Media Gateway IPSI TN2312BP CLAN TN799DP IP Media Processor TN2302AP Digital Line TN2224	 HW06, FW043 HW01, FW026 HW20, FW095 000006
Avaya One-X® Communicator	6.1.1.02-SP1-32858
Avaya Flare ™ Experience on ADVD	1.0.3
Avaya 9611G (H323) IP Phone	6.0.1
Avaya 9650C (SIP) IP Phone	2.6.4
Avaya 1608 (SIP) IP Phone	3.1
Avaya 1408 Digital Phone	0.50
Avaya Analog Phone	n/a
Logitech B530 (USB headset)	n/a
Logitech B990/910/525 (HD webcam)	n/a
Desktop PC Operating System	Windows Vista 32-bit SP2

5. Configure the Avaya Aura® Communication Manager

These Application Notes assume that Communication Manager (CM) is configured and operational. There are no additional settings required to be configured for the connection of the B530 to the Avaya One-X® Communicator. The compliance tests of the B530 were carried out with the default server settings for audio parameters.

This section describes the step to provision a station for Avaya One-X® Communicator soft phone in the Communication Manager by System Administration Terminal (SAT) command. For detailed information on how to configure and administer the Communication Manager, please refer to the **Section 9 [1]**.

Use the command **Add Station <DN>** to add a new extension for IP phone in the Communication Manager as shown in **Figure 2** below. Enter the model of IP phone in the **Type** field, IP the **Port** field, a name in the **Name** field and keep other fields as default. Press **F3** on the keyboard to submit and complete.

```
add station 75021                                            Page   1 of   6
                                  STATION

Extension: 75021                     Lock Messages? n               BCC: M
     Type: 9620                      Security Code:                 TN: 1
     Port: IP                   Coverage Path 1:                    COR: 1
     Name: IP-softphone,        Coverage Path 2:                    COS: 1
                                   Hunt-to Station:
STATION OPTIONS
                                           Time of Day Lock Table:
          Loss Group: 19
       Speaker phone: 2-way                 Message Lamp Ext: 75021
                                          Mute Enable Button: y
     Display Language: english               Button Modules: 0

       Survivable COR: internal
  Survivable Trunk Dest? y                    IP SoftPhone? y

                                                 IP Video? n
                          Short/Prefixed Registration Allowed: default
```

Figure 2: Sample of adding station in the CM

6. Configure Avaya One-X® Communicator

This section describes the procedure configuring Avaya One-X® Communicator to use Logitech B530 USB headset. Assuming that, the Avaya One-X® Communicator has been installed according to Avaya product support documentation.

Launching the Avaya One-X® Communicator, fill in the **Extension** and **Password** as shown in **Figure 3.**

Figure 3: Avaya One-X® Communicator Login Page

Click on the top right corner of the setting icon as show in **Figure 3**. Choose **Setting** and **General Settings** window is as shown in **Figure 4**.

Go to **Devices and Services** -> **Audio** -> **Basic** tab. Choose from the drop down **Microphone** and **Speaker** menus; *Logitech USB Headset.*
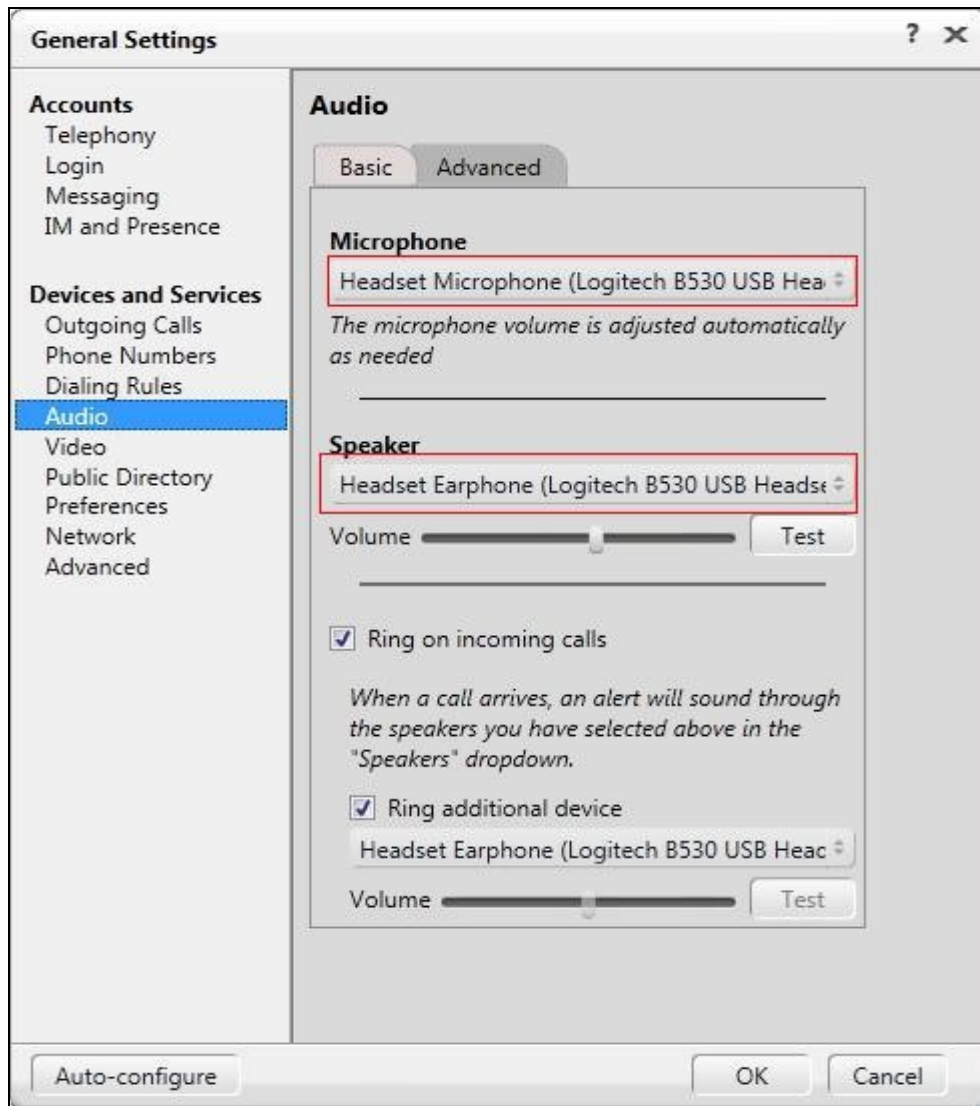
Figure 4: Telephony Setting

Go to **Device and Services** -> **Audio** -> **Advanced** tab. Then make sure the *Logitech B530 USB Headset* is at the top of the device list, **Headset Microphone** and **Headset Earphone** as show in **Figure 5**.
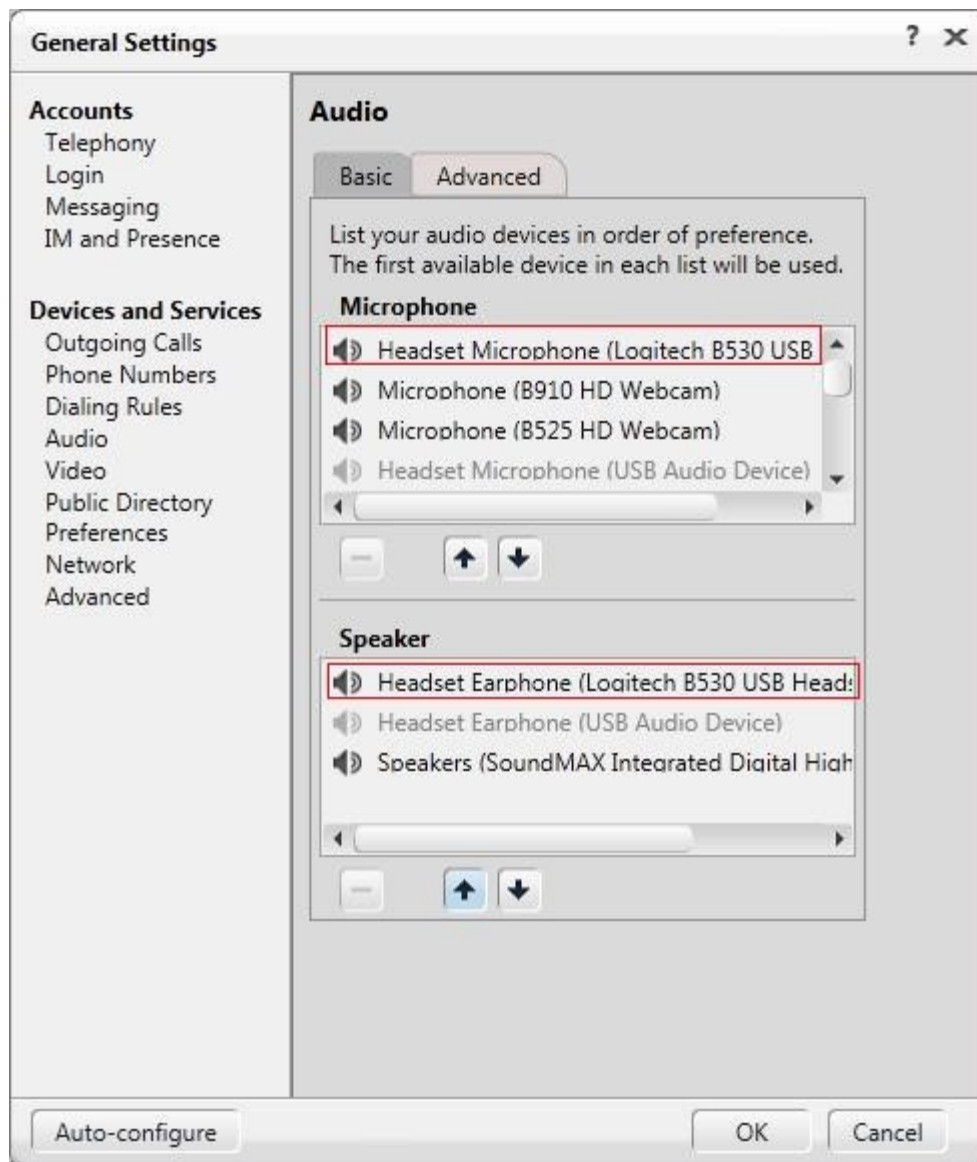
Figure 5: Audio Advanced Setting

Click on **OK** button to complete the setting. Then click on the **Log On** button to login the One-X Communicator as shown in **Figure 3**. The Avaya One-X® Communicator is ready to be used.

7. Verification Steps

This section provides the steps that may be performed to verify proper configuration the B530 on the Avaya One-X® Communicator.

1. Verify that when login to the Avaya One-X® Communicator, click on the audio icon should be as shown in **Figure 6**, the *Logitech B530 USB Headset* should be in used.
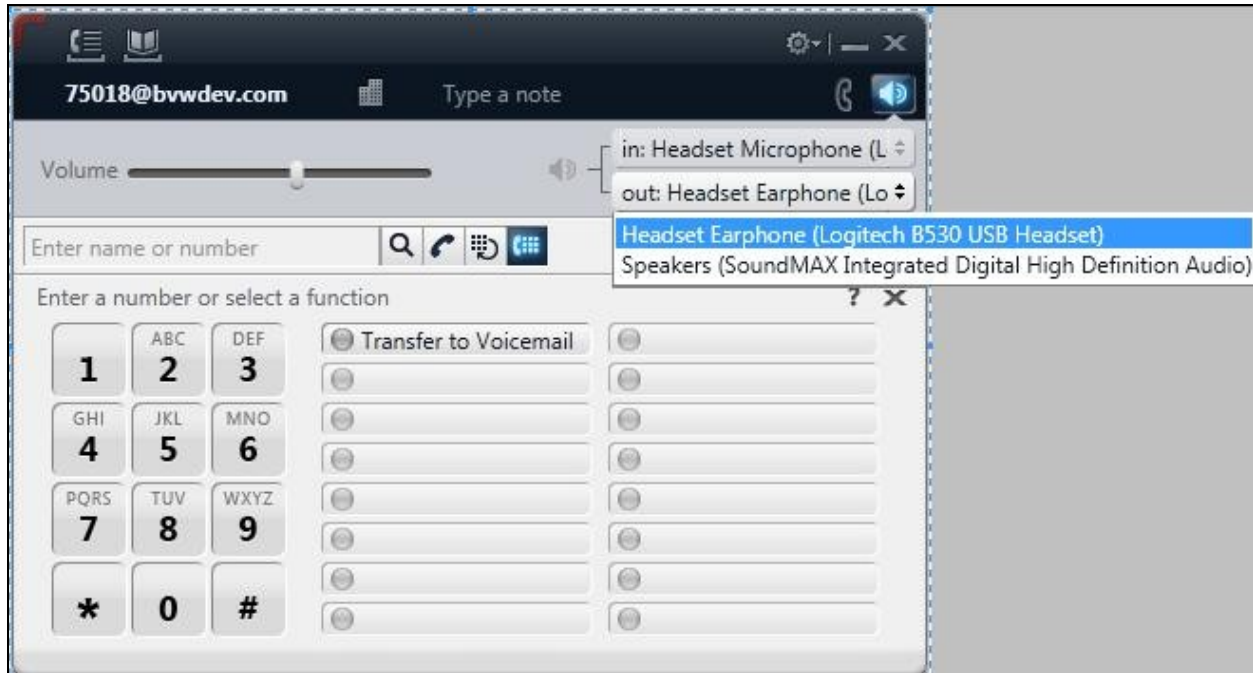

Figure 6: Logged In Screen

2. Place an outgoing call from Avaya One-X® Communicator with B530 configured to Avaya Flare™ Experience or another Avaya One-X® Communicator and verify that the voice is established with 2-way audio.

8. Conclusion

These Application Notes have described the administration steps required to integrate the Logitech high definition B530 USB headset with Avaya One-X® Communicator. Calls are established with 2 way video and speech paths. All test cases passed with observations noted in **Section 2.2**.

9. References

This section references the Avaya documentation relevant to these Application Notes. The following Avaya product documentation is available at http://support.avaya.com.

[1] *Administering Avaya Aura® Communication Manager*, August 2010, Release 6.0, Issue 6.0, Document Number 03-300509.
[2] *Administering Avaya Aura® Session Manager*, August 2010, Issue 3, Release 6.0, Document Number 03-603324.
[3] Logitech B530 documentation can be found at http://www.logitech.com/en-us/webcam-communications/internet-headsets-phones/devices/7115

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