Date: 14 April 2015

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Offer Definition

Avaya B100 Conference Phone

Offer Definition

Product ➜	B100 Conference Phones	GA Date ➜	B149/B159 – April 2011
			B169 – August 2014
			B179 – July 2011
			B189 – Dec 2013

Rev #	Rev Date
12	**14 Apr 2015**

Avaya Source Prime	Channel Partner Target Audience
Thomas Petsche	Product Management, Order Management, Documentation, Training, Lab Engineers, Sales Engineers

CHANGE CONTROL RECORD			
Date	**Issue/Version #**	**Prime**	**Summary of Changes**
April 2011	1	Vandy Lee	B149 and B159 launch
July 2011	2	Vandy Lee	B179 launch
Aug 2011	3	Vandy Lee	Add mobile phone cable selection
Sept 2011	4	Vandy Lee	Update type approval information
Feb 2013	5	Vandy Lee	Update B179 packaging
Dec 2013	6	Vandy Lee	B189 launch
Feb 2014	7	Vandy Lee	Update type approval information
Mar 2014	8	Vandy Lee	Red Dot Product Design Award
Aug 2014	9b	Vandy Lee	B169 launch in EMEA and APAC
Oct 2014	9c	Vandy Lee	B169 launch in US and CALA
27 Feb 2015	10	Thomas Petsche	Added interoperability with SBCE for B179.
31 Mar 2015	11	Thomas Petsche	Added B189 PA Interface
14 Apr 2015	12	Thomas Petsche	Updated Type Approvals for B189

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About this Document

This **Offer Definition** is intended for Channel Partners, Distributor-Product Managers, Sales, Engineering, Order Management, Documentation and Training personnel. It will provide the necessary information required to successfully introduce Avaya B100-series Conference Phones in a network environment.

Non-Disclosure

The Avaya non-disclosure processes will be followed for any documentation and information being released to the End Customer or any type of Channel Partner's personnel not covered by a contract with Avaya prior to GA.

Globalization: This document is written as a global document. All Theatre information within this document will be clearly identified as regional, using the regional designations listed below.

- United States (US)
- Caribbean and Latin America and Canada (AI)
- Europe, Middle East and Africa (EMEA)
- Asia Pacific (APAC)

About B100 Conference Phones

The Avaya B100 Conference Phones provide the convenience and productivity benefits inherent in a powerful, hands-free conference phone. It offers a range of phones suitable for midsize and large conference rooms. Avaya now offers a complete range of conference phones with SIP, H.323 and Analog connections for all market segments.

Avaya B100 Conference Phones offer superior HD quality sound for a lower cost without consuming bandwidth. Here are a few benefits to the customers:

- Increase business efficiency – telephone meetings are efficient, spontaneous and simple. They help companies streamline their processes

- Increase ROI – you create savings by reducing travel time and expense

- Safeguard our environment – you protect our green environment when you substitute traveling with a highly efficient conference call

- Be, and sound, professional – top-quality sound is essential for efficient, misunderstanding-free meetings

- User friendly experience – B100 Conference Phones are packed with unique user friendly features that are not found on other competitors' products, such as connectivity with mobile phones, DECT, USB, Analog, and SIP, Conference Guide, PA connectivity, Wireless Headset Connection

- Enjoy the leading SIP technology – the Avaya B179 Conference Phone is a SIP-based conference phone which allow you to create more savings and efficiency in your telephony network

Avaya has been awarded the prestigious Red Dot Award 2014 for the B189 product design. A panel of 40 international design experts evaluated 4,815 entries from 53 countries to determine winners of the annual competition.

reddot award 2014
winner

Commercial Offer Definition

Overview

The Avaya B100 Series Conference Phones offer sophisticated and easy to use communication solutions for small to large companies. Providing superior voice quality with the award winning OmniSound® audio technology, the B100 Series Conference Phones cost effectively offer a variety of low bandwidth, plug-and play deployment options, that address the unique needs of different user groups within your organization with a broad choice of models.

With a sleek appearance and suite of smart productivity features, the B100 Series Conference Phones are an ideal choice for companies wanting to add endpoints to their existing infrastructure or with the deployment of a new network. The B100 Series phones can be used to complement scheduled meetings and training sessions or for impromptu calls between globally dispersed offices and remote workers.

Crystal Clear Sound: OmniSound® audio technology guarantees clear transmission during meetings – so you and your team don't miss a beat. Full Duplex transmits and receives sound simultaneously to prevent audio clipping, 360° surround sound and powerful speakers optimize sound pick-up and broadcasting. Noise suppression filters out static background noise and an Equalizer lets you adjust pitch to suit your preference.

Plug and Play simplicity: Connecting the Avaya B100 Series Conference Phones is fast and easy. There is a conference guide included, perfect for making multi-party calls and a handy phone book which is ideal for storing your key contacts.

Flexibility and Productivity Enhancing Features: The Avaya B100 Series Conference Phones complement your existing solutions and can be easily re-deployed as your business grows or when needs change. Enhance web conferencing, video and other communications environments with the addition of these audio conferencing solutions.

*Avaya B189 IP Conference Phone – red*dot* award winner!*

The Avaya B189 IP Conference Phone is designed for companies that use Avaya Aura® infrastructure. With the software built from the latest 96x1's software codebase, the Avaya B189 enables full Avaya Aura® integration and offers the same configuration and management as the 9600-series IP phones. The Avaya B189 is elegantly designed around a large 5" capacitive touchscreen for simple and intuitive user interface. The patented OmniSound® HD audio technology creates best-in-class audio with multiple directional microphones covering 360° of clear and natural sound.

The Avaya B189 Conference Phone offers:
  • 5" capacitive touchscreen display with a simple and intuitive user interface
  • OmniSound® HD sound quality for super-wideband acoustics
  • H.323 support in R1 software, based on 96x1 H.323 R6.3 for familiar configuration and operation
  • The flexible architecture of the B189 allows for a range of upgrade possibilities in the future, including, when available, with a future release of Avaya SIP
  • 4 directional microphones for 360° sound pickup with up to 20 ft range
  • Extendable with expansion microphones and PA Interface (available in April 2015)
  • Gigabit Ethernet
  • PoE (Power over Ethernet) class 3

Avaya B179 SIP Conference Phone

The Avaya B179 Conference Phone is a flexible SIP-based conference phone, perfect for companies that use IP voice services. Its clear, natural sound comes from OmniSound® 2.0, Avaya's patented wideband audio technology. The stylishly designed Avaya B179 phone is packed with intelligent features for more efficient conference calls. Use the conference guide to call pre-programmed groups with just a few simple pushes of a button. Conveniently import and export contact details via the Web interface. Create your own phone book with the personal user profile feature. Used alone, the Avaya B179 Conference Phone is ideal for large conference rooms (up to 30 square meters or 320 square feet). For even larger spaces, the B179 can accommodate expansion microphones, an external wireless headset and a Public Address (PA) system. With the Avaya B179, your company will have a conference phone that combines all the benefits of IP voice service with innovative new features.

The Avaya B179 SIP Conference Phone offers:

- OmniSound® 2.0
- SIP, (interoperable with the Avaya Session Border Controller for Enterprise for remote use; up to three proxies for survivability with Avaya Aura and encrypted signaling and audio with all supported call servers)
- 5-way conference calls
- Call recording on SD memory card 1
- Expandable with microphones
- Connection for Wireless headset
- Phonebook
- Conference guide
- Expandable for PA System
- Web-based configuration of import/export of contacts and settings
- PoE (Power over Ethernet) class 3

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[1] Call recording on the B179 can be administratively disabled. Please refer to the app notes in support.avaya.com.

Avaya B169 Wireless Conference Phone

The Avaya B169 Wireless Conference Phone allows the user to hold conference calls where and when it is convenient – without worrying about phone jacks and power outlets. The rechargeable lithium-ion battery ensures superior performance with up to 60 hours of talk time, which allows a full working week without worrying about recharging! The B169 supports the DECT with GAP/CAT-iq standard for less interference and clearer conversations. The B169 can also connect to your cellphone or computer via USB for VoIP calls over the internet. Its embedded line mode and bridging function enables you to connect DECT, cellphone and USB simultaneously for multi-party calls. The B169 has several smart features to make your meetings as easy and efficient as possible. Record calls on a SD memory card, listen to it later or share it with others. Dial multi-party calls, store call groups and easiliy initiate recurring meetings using the built-in conference guide.. The B169 is expandable with external microphones for larger conference rooms; comes equipped with patented OmniSound audio technology for crystal clear sound; and its elegant Scandinavian design is a welcome addition to any conference room

The Avaya B169 has the following features:
- Rechargeable battery (5200 mAh) for up to 60 hours talk time/270 hours standby
- Wireless DECT connection between the conference phone and the included analog base station
- OmniSound® 2.0
- Connections for one or two expansion microphones
- Analog port for a wired connection to a mobile phone headset port
- USB 2.0 port for connection to a computer for audio or software upgrades
- SD memory card slot[2] for call recording
- Built-in Phonebook and Conference guide
- Embedded bridging function

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[2] Call recording on the B169 can be permanently disabled through an administrative option. Please refer to the user guide.

Avaya B159 Analog Conference Phone

Avaya B159 Conference Phone is packed with many smart features and designed for flexible performance. Record your conversations on SD memory cards, while the line mode allows you to switch between and combine three connectivity technologies — analog, cell phones and USB. The conference guide helps you make multiparty calls and save call groups, which is very useful if you make regular calls to the same group. The Avaya B159 phone is also ideal in larger contexts as you have the option of adding expansion microphones, a wireless headset and a PA system too. The Avaya B159 delivers high quality audio withOmniSound® 2.0, Avaya's crystal clear audio technology. The Avaya B159 Conference Phone sports an elegantScandinavian design that enhances any conference table.

The Avaya B159 has the following features:
- OmniSound® 2.0
- Analog telephone line connection
- Analog port for connection to a mobile phone using the headset jack
- USB 2.0 port for connection to a computer
- AUX port for connection to a wireless headset or PA system using an optional adapter
- Two ports for optional expansion microphones
- SD memory card slot for call recording[3]
- Built-in Phonebook and Conference guide
- Embedded bridging function

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[3] Call recording on the B159 can be permanently disabled through an administrative option. Please refer to the app notes on support.avaya.com.

Avaya B149 Analog Conference Phone

The Avaya B149 Conference Phone is an excellent choice when holding telephone conferences without compromising sound quality. The Avaya B149 phone is equipped with Avaya's patented OmniSound® 2.0 audio technology for crystal-clear sound. Save your contacts in the phone book and use the conference guide to easily set up multi-party calls or pre-programmed group calls. Avaya B149 phone also has a built-in recording function that enables you to record your calls on an SD memory card. With its modern design, Avaya B149 phones will be a welcome addition to any conference room. It's also ideal in larger settings with the addition of optional expansion microphones. Hold productive telephone conference meetings that not only save time but the environment as well by cutting travel expenses.

The Avaya B149 Conference Phone has the following features:
- OmniSound® 2.0
- Analog telephone line connectivity
- Two ports for optional expansion microphones
- SD memory card slot for call recording
- Build-in Phonebook and Conference Guide

Accessories

This section provides a list of accessories and compatible models. For more details about material codes and pricing, please see the Material Codes and Pricing section.

When you order any of the 5 B100 Series Conference Phones, you will receive the phone plus the accessories needed to get started:

B189: the phone and Ethernet network cable

B179: the phone and Ethernet network cable

B169: the phone, analog DECT base station, rechargeable battery, charging cradle, USB cable, power cables and AC adaptors

B159: the phone, AC adaptor 14 V DC, dual power / analog line cable and USB cable.

B149: the phone, AC adaptor 14 V DC and dual power / analog line cable

Avaya B100 Series Conference Phones offer various accessories. The section below explains how various accessories works in different situations.

- Power cable (material code 700501551) vs. extension power cable (material code 700501542): The power cable works with the three non-Ethernet models : the B149, B159 and B169. The power cable is 7.5m (24ft 7in) long and is used to connecting the AC Adapter and the phone. You can increase the length to 15M (49ft 2in) by adding an extension power cable. However, the extension power cable will not connect the AC Adapter and phone by itself. You will always need the power cable.

- The Dual Power/Analog line cable (material code 700501541) vs. Dual power/Analog line extension cable (material code 700501543): These cables work with B149 and B159 only. The power cable and analog cable are attached together. You will need the dual power / analog line cable to connect between the AC adapter, the RJ11 wall port, and the phone. If you need a longer cable, you can add the dual power/Analog line extension cable to Dual power/Analog line cable. Extension cable power and analog tele, 7.5m (24ft 7in) EIJA-5320 class IV and 6/2. Extension adapter included.

- Mobile phone cable: The mobile phone cable is used to connect your mobile phone to the conference phone and turn the conference phone into a loud speaker to share the conversation with other people in the room.

- Public Address (PA) interface (material codes 700501537 for the B159 and B179; 700509610 for the B189): The PA interface is used to connect to an external loudspeaker and microphone or PA system. Plug: RCA in/out. Connection cables 2.5m (8ft 2in).

ACCESSORIES	MATERIAL CODE	AVAYA B149	AVAYA B159	AVAYA B169	AVAYA B179	AVAYA B189
AC adapter 14 V DC	700501534	✓	✓	✓	✓	
Wall mounting bracket	700501536	✓	✓		✓	
PA interface for B159 & B179	700501537		✓		✓	
PA Interface for B189 (available in April 2015)	700509610					✓
SD memory card 2GB	700501538	✓	✓	✓	✓	
Expansion microphones (one pair)	700501539	✓	✓	✓	✓	✓

ACCESSORIES	MATERIAL CODE	AVAYA B149	AVAYA B159	AVAYA B169	AVAYA B179	AVAYA B189
Dual power/Analog line cable (7.5M)	700501541	✓	✓			
Extension power cable (7.5M)	700501542	✓	✓	✓	✓	
Dual power/Analog line extension cable (7.5M)	700501543	✓	✓			
Power cable (7.5M)	700501551	✓	✓	✓	✓	
Ethernet network cable	700501552				✓	✓
Video system connection cable	700501554		✓			
Mobile Phone Cable 3.5 mm	700501553		✓	✓		
Single Point PoE Injector (SPPOE-A1)	700500725				✓	✓

Product Specifications

Interoperability Matrix

The B100 Series Conference Phones support a wide range of Avaya unified communications platforms with Analog, H.323 and SIP software. Below is a summary of the compatible systems.

Please note that as of today (October 28, 2014) the Avaya Session Border Controller for Enterprise can be used only with Avaya Aura 6.0+ for remote connections.

	AVAYA B149	AVAYA B159	AVAYA B169	AVAYA B179	AVAYA B189
Communication Manager	CM 5.0+	CM 5.0+	CM 5.2.1+	CM 5.2.1 w/ SES 5.2.1	CM 5.2.1+
Avaya Aura	AURA 6.0+	AURA 6.0+	AURA 6.0+	AURA 6.0+	AURA 6.0+
IP Office	IPO 6.1+	IPO 6.1+	IPO 6.1+	IPO 7.0+	n/a
Communication Server 1000	CS1000 6.0+	CS1000 6.0+	CS1000 6.0+	CS1000 6.0+	n/a
Communication Server 2100	CS2100 SE13+	CS2100 SE13+	n/a	CS2100 SE13+	n/a
Avaya Session Border Controller for Enterprise	n/a	n/a	n/a	SBCE 6.2+ AURA 6.0+	n/a

Feature Comparison

	Avaya B149	Avaya B159	Avaya B169	Avaya B179	Avaya B189
Large situation		✓	✓	✓	✓
Medium-sized conference room	✓	✓	✓	✓	✓
Number of people / Area	Up to 10 30 m^2 or 320 sq ft	Up to 10 30 m^2 or 320 sq ft	Up to 10 30 m^2 or 320 sq ft	Up to 10 30 m^2 or 320 sq ft	Up to 18 120 m^2 or 1250 sq ft
Number of people with expansion microphones / Area	Up to 16 70 m^2 or 750 sq ft	Up to 16 70 m^2 or 750 sq ft	Up to 16 70 m^2 or 750 sq ft	Up to 16 70 m^2 or 750 sq ft	Up to 25 185 m^2 or 2000 sq ft
Number of people with PA connection		More than 16		More than 16	*
Protocol	Analog	Analog	Analog	SIP	H323
Expansion Microphones	✓	✓	✓	✓	✓
Sound technology	OmniSound 2.0	OmniSound 2.0	OmniSound 2.0	OmniSound 2.0	OmniSound HD
Power over Ethernet				Class 3	Class 3
Keypad	✓	✓	✓	✓	capacitive touchscreen
Display	128x64 pixels	128x64 pixels	128x64 pixels	128x64 pixels	5" QVGA (800x480) touchscreen
Wireless Operation			✓		
MENU with phonebook, language selection, call duration, etc	✓	✓	✓	✓	✓
Date/Time	✓	✓	✓	✓	✓
Call recording on SD memory card	✓	✓	✓	✓	*
Contacts/Phone book	✓	✓	✓	✓	✓
Conference guide	✓	✓	✓	✓	
Line selector with bridging function		✓	✓		
Connection for wireless headset		✓		✓	*
Wired connection to cell phone		✓	✓		
USB connection to computers for VoIP		✓	✓		*
Interface box for PA system connection		✓		✓	✓
APL	$ 728	$ 874	$ 970	$ 1,090	$ 1,650

* The B189 has the necessary connection, but the software does *not* support the functionality. This functionality *may* be included in a future software release.

Product Documentation

Sales collaterals are located at:
http://www.avaya.com/usa/product/conference-phones
https://avaya.my.salesforce.com/apex/sp_ViewDetailPage?Id=a3j30000000L2HsAAK

Customer documentations such as user guide and software downloads can be found on Avaya support site:
http://support.avaya.com/products/P0968/b100-series-conference-phones

Material Codes and Pricing

Material Code	SAP Material Description	GPL (MPG IT)	APL (MPG 3P)
700501533	AVAYA B149 ANLG CONF PHONE	$750	$728
700501530	AVAYA B159 ANLG CONFERENCE PHONE	$900	$874
700508892	AVAYA B169 WIRELESS CONF PHONE – EU	$999	$970
700508893	AVAYA B169 WIRELESS CONF PHONE – US	$999	$970
700504740	AVAYA B179 SIP CONF PHONE POE ONLY	$1,125	$1,090
700503700	AVAYA B189 IP CONF PHONE	$1,700	$1,650
700501534	AVAYA B100 SER PWR ADPTR	$130	$126
700501536	AVAYA B100 SER WALL MNTG BRKT	$50	$49
700501537	AVAYA B100 SER PA SYS INTF BOX	$400	$388
700501538	AVAYA B100 SER MEMORY CARD 2GB	$70	$68
700501539	AVAYA B100 SER EXP MIC 1PR	$300	$291
700501541	AVAYA B100 SER ANLG/PWR CBL 7.5M	$100	$97
700501542	AVAYA B100 SER PWR EXT CBL 7.5M	$100	$97
700501543	AVAYA B100 SER ANLG/PWR EXT CBL	$100	$97
700501551	AVAYA B100 SER PWR CBL CONN 7.5M	$70	$68
700501552	AVAYA B100 SER ETH CBL 6.5M	$70	$68
700501553	AVAYA B100 MOBILE CBL 3.5MM	$70	$68
700501554	AVAYA B100 SER VIDEO CBL 1.5M	$100	$97
700509610	AVAYA B189 PA SYS INTF BOX (STEREO)	$400	$388

Offer Resources Contact

Product Manager: Thomas Petsche, +1-303-538-3193, petsche@avaya.com
Product Marketing Manager: Brian Wenk, +1-908-953-7451, bwenk@avaya.com

Services and Support

Service Offers

Avaya provides several levels of maintenance service in support of customer's Avaya B100 Series Conference Phone hardware.

- Parts Plus Remote Support 8x5: Provides coverage during standard business hours. Requests for support outside the standard business hours may be accommodated at Avaya's option and will be subject to Avaya's then current per incident maintenance rate.

- Parts Plus Remote Support 24x7: This coverage extends the benefits of Parts Plus Remote Support to twenty-four (24) hours per day, seven (7) days per week, three hundred sixty-five (365) days per year for major failures. There is an additional cost for this coverage option.

Both 8x5 and 24x7 Parts Plus Remote Support options include:
  - 24x7 access to remote maintenance assistance, documentation, and other information via web-enabled case-based reasoning tools on http://avaya.com/support
  - Advanced replacement by mail of any covered parts Avaya determines to be inoperative during the hours of 8:00 am to 5:00 pm in the time zone of the covered products, Monday through Friday, excluding Avaya holidays.

Parts Plus Remote services are provided.

- Full Coverage 8x5: Provides coverage during standard business hours. Requests for support outside the standard business hours may be accommodated at Avaya's option and will be subject to Avaya's then current per incident maintenance rates.

- Full Coverage 24x7: This coverage extends the benefits of Full Coverage to twenty-four (24) hours per day, seven (7) days per week, three hundred sixty-five (365) days per year for major failures. There is an additional cost for this coverage option.

Both 8x5 and 24x7 Full Coverage options include:
  - 24x7 access to remote maintenance assistance, documentation, and other information via web-enabled case-based reasoning tools on http://avaya.com/support
  - On-site replacement of any covered part Avaya determines to be defective.
  - If Avaya determines on-site intervention is required, 8x5 coverage provides the dispatch of Avaya's field technical resources 8:00am to 5:00pm in the time zone of the covered products, excluding Avaya holidays, including engineering support. 24x7 coverage extends this support to all Major Failures twenty-four (24) hours per day, seven (7) days per week, and three hundred sixty-five (365) days per year.
  - Note: On-site support of terminals is limited to functional locations. Individual terminals located in remote offices or personal residences must be brought to a functional location for on-site support or a replacement part can be mailed directly to the remote location.

When the customer purchases maintenance services on the B100 Series Conference Phone hardware, all coverage and billing begins Day One.

If during or post hardware warranty period, customer chooses not to subscribe to Avaya maintenance, service is performed on a time and material basis. All the terms and conditions are determined locally and are available to customers through the local account teams.

Actual terms and conditions are established per region. Please contact the appropriate regional manager for in-country support capabilities.

Avaya Global Services' Remote Support Option for Authorized Business Partners

To better support our Avaya authorized partners in remaining responsive to their customers, Avaya offers three levels of maintenance offers::

1. Avaya Global Maintenance Support for the Hardware: Each level of maintenance service is available in both the retail (commission-based) or wholesale model.

2. Partner Support Services (PSS) Offer: The PSS offer enables a Business Partner to bundle Avaya's expertise with the individual Business Partners capability. There are specific requirements for BP access to this offer. The PSS offer provides the same level of maintenance services available in retail and wholesale, (Parts Plus Remote 24X7 and 8X5, and Onsite 24X7 and 8x5).

3. Per Incident, or Time and Material billing: normally used to resolve a particular situation. Customers not covered under Hardware maintenance are eligible for T&M only if they are covered under one of the Software Support options.

PCN/PSN Strategy

Product Correction Notice (PCN) and installation support will be provided to all Avaya B100 Series Conference Phone customers. Customers with warranty and post warranty coverage will typically receive special consideration for the time and material charges, if applicable, to a specific product and configuration. PCNs are a function of the life cycle of the products. PCN installations will take place between the hours of 8am to 5pm (local time), Monday through Friday, excluding Avaya recognized holidays. Special billing consideration will be given to customers who either have an Avaya Service Agreement or are under warranty, up to but not exceeding an installation absent of labor and material charges. The determination of PCN charges, if any, will be determined on a case-by-case basis by Avaya. Customers who are listed as the technical contact will typically be mailed a letter regarding the PCN notification.

Avaya U.S. Direct Customers: U.S. Field Service Organization (FSO) technicians will implement this Change Notice for Avaya U.S. Direct Customers. The Emerging Technologies Solutions Support (ETSS) group and the FSO Change Notice Administration Groups will handle scheduling and coordination.

Avaya U.S. BP: Avaya Business Partners who elect to perform the work to implement this Change Notice will be responsible for scheduling and coordinating their customer base. Those who elect to have

Avaya perform the work will schedule and coordinate through the Emerging Technologies Solutions Support (ETSS) team.

Avaya International: Scheduling of customers requiring a Change Notice will be handled through the Emerging Technologies Solutions Support (ETSS) team.
When the need arises for Avaya to replace defective components, Avaya Labs will issue a Product Correction Notice (PCN). The standard PCN process applies for Session Manager and System Manager. Some components can be upgraded without the need for a field dispatch.

The same for PSN info Product Support Notices which replace Service Alerts are issued by Tier 4 Engineers and/or Product Managers to notify the field of technical workarounds, process information, or document corrections/clarifications in addition to software/firmware updates and hardware replacements.

For a list of issued PSNs, go to the Avaya Support Center (http://avaya.com/support) and search under **Additional Information** for **Product Support Notices**.

Warranty

Avaya Inc. provides a one-year limited warranty on the B100 Series Conference Phone hardware. Refer to the sales agreement or other applicable documentation to establish the terms of the limited warranty. In addition, Avaya's standard warranty language as well as details regarding support, while under warranty, is available through the web site: http://support.avaya.com. Region specific terms and conditions are determined locally are available to customers through respective account teams or in their Avaya agreement.

APPENDIX: Product Reference Information

Avaya B149 Analog Conference Phone

Audio Features	OmniSound 2.0 Microphone: Omni-directional, 360° Pickup range: up to 30 m^2, up to 10 persons Volume: 90 dB SPL 0.5m (RMS) Frequency response: 200-3400 Hz Equalizer: soft, neutral and bright
Connections	Power supply: AC adapter 100-240 V AC/14V DC Analog telephone line (RJ-11) Expansion microphones
Directory	Phonebook: 50 contacts Call groups: 20 groups
Recording	Support SD memory card up to 2 GB
Anti-theft protection	Kensington security slot
Dimension	Diameter 240 mm Height 77 mm
Weight	1 kg
Color	Charcoal black
Display	Illuminated graphics LCD, 128x64
Keypad	Alphanumeric 0-9, *, # Off-hook, on-hook, mute, hold, volume up/down 5 button menu navigation; Phonebook; Conference guide
Environmental Conditions	Temperature: +5°C to +40°C Relative humidity: 20-80% condensation free
Type Approval	**North America**: Canada and United States **CALA:** Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saba, Saint Barthelemy (St. Barts), Saint Croix, Saint John, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, and Virgin Islands **EMEA**: Austria, Bahrain, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, South Africa, Spain, Sweden, Turkey, UAE, UK, and Ukraine. **APAC**: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.

Avaya B159 Analog Conference Phone

Audio Features	OmniSound 2.0 – wideband via USB Microphone: Omni-directional, 360° Pickup range: up to 30 m^2, up to 10 persons Volume: 90 dB SPL 0.5m (RMS) Frequency response: 150-7000 Hz Equalizer: soft, neutral and bright
Connections	Power supply: AC adapter 100-240 V AC/14V DC Analog telephone line (RJ-11) Expansion microphones USB 2.0 Mobile phone connection Auxiliary jack for wireless headset or PA system
Directory	Phonebook: 50 contacts Call groups: 20 groups
Recording	Support SD memory card up to 2 GB
Anti-theft protection	Kensington security slot
Dimension	Diameter 240 mm; Height 77 mm
Weight	1 kg
Color	Charcoal black
Display	Illuminated graphics LCD, 128x64
Keypad	Alphanumeric 0-9, *, # Off-hook, on-hook, mute, hold, volume up/down 5 button menu navigation; Line mode; Conference guide
Environmental Conditions	Temperature: +5°C to +40°C Relative humidity: 20-80% condensation free
Approvals	Telecommunication: TBR21, 47 CFR Part 68/TIA, IC CS-03 Issue 1999/01/01. EMC: EN301 489-1,3. EN 300 220-1,2, FCC subparts B and C. Electrical safety: UL 60950-1, EN 60950-1:2001.
Type Approval	**North America**: Canada and United States **CALA:** Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saba, Saint Barthelemy (St. Barts), Saint Croix, Saint John, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, and Virgin Islands **EMEA**: Austria, Bahrain, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, South Africa, Spain, Sweden, Turkey, UAE, UK, and Ukraine. **APAC**: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.

Avaya B169 Wireless Conference Phone

Audio Features	OmniSound HD – wideband via USB Microphone: Omni-directional, 360° Pickup range: up to 30 m^2, up to 10 persons Volume: 90 dB SPL 0.5m (RMS) Frequency response: 200-7000 Hz Equalizer: soft, neutral and bright
Connections	Power supply: AC adapter 100-240 V AC/14V DC Expansion microphones Mobile phone connection DECT base station: Analog telephone line (RJ-11)
Battery	5200 mAh, up to 60 hours talk time or 270 hours standby
Directory	**Phonebook**: 200 contacts; **Call groups**: 20 groups
Recording	Support SD memory card up to 2 GB
Anti-theft protection	Kensington security slot
Dimensions	Diameter 240 mm; Height 77 mm
Weight	2.2 lb
Color	Charcoal black
Display	Illuminated graphics LCD, 128x64
Keypad	Alphanumeric 0-9, *, # Off-hook, on-hook, mute, hold, volume up/down 5 button menu navigation; Line mode; Conference guide
Environmental Conditions	Temperature: +5°C to +40°C Relative humidity: 20-80% condensation free
Approvals	EMC: EN301406, ES 203021-1, ES 203021-2, ES 203021-3, EN 301489-1 V1.9.2, EN 301489-6 V1.3.1, FCC Part 69, FCC Part 15 subparts D Electrical safety: UL 60950-1:2005/A1:2009, EN 60950-1:2006/A12:2011, EN60950-1:2006/A1:2010.
Type Approval – B169 EU-version * Certain market type approvals will be completed after GA	**EMEA**: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel*, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia*, Saudi Arabia*, Slovakia, Slovenia, South Africa*, Spain, Sweden, Switzerland, Turkey, UAE*, UK, Ukraine*. DECT is not permitted in the following EMEA countries: Azerbaijan, Bahrain, Belarus, Ghana, Kazakhstan, Kenya, Kuwait, Lebanon, Liechtenstein, Macedonia, Mauritius, Mozambique, Nigeria, Oman, Pakistan, Qatar, Serbia, Tanzania, Uganda, Uzbekistan, West Africa, Yemen, Yugoslavia. **APAC**: Australia*, Hong Kong*, Indonesia*, Japan*, New Zealand*, Singapore*. DECT is not permitted in the following APAC countries due to government regulation: Bangladesh, Brunei, Cambodia, China, India, Korea, Macau, Philippines, Sri Lanka, Thailand.
Type Approval – B169 US-version * Certain market type approvals will be completed after GA	**North America**: Canada and United States **CALA:** Argentina*, Bolivia*, Chile*, Costa Rica*, Ecuador*, El Salvador*, Guatemala*, Mexico*, Panama*, Paraguay*. DECT is not permitted in the following CALA countries due to government regulation: Brazil, Columbia, Peru, Puerto Rico, Trinidad and Tobago, Venezuela.

Avaya B179 SIP Conference Phone

Audio Features	OmniSound 2.0 – wideband Microphone: Omni-directional, 360° Pickup range: 12 ft, up to 30 m^2, up to 10 persons Maximum output volume: 90 dB SPL 0.5m (RMS) Frequency response: 200-7000 Hz Equalizer: soft, neutral and bright
Connections	Ethernet RJ45 Power supply: AC adapter 100-240 V AC/14V DC Expansion microphones; Auxiliary jack for wireless headset or PA system
Codecs	G.722, G.711A, G.711µ, G.729ab
Directory	Phonebook: 1000 contacts per profile Call list Support for LDAP external directory 4 user profiles (password protected)
Recording	Support SD memory card up to 32 GB
Anti-theft protection	Kensington security slot
Dimensions	Diameter 240 mm; Height 77 mm
Weight	1 kg
Color	Charcoal black
Display	Illuminated graphics LCD, 128x64
Keypad	Alphanumeric 0-9, *, # Off-hook, on-hook, mute, hold, volume up/down 5 button menu navigation; Line mode; Conference guide
Power	Power over Ethernet IEEE 802.3af, class 3 AC adapter (optional)
Environmental Conditions	Temperature: +5°C to +40°C Relative humidity: 20-80% condensation free
Approvals	Electrical safety: EN 60950-1:2006, ANSI/UL 60950-1-2002, CAN/CSA-C22.2, no. 60950-1-03 EMC/Radio: EN 301 489-3 V1.4.1 (2002-08), EN 301 489-1 V1.6.1 (2005-09), FCC Part 15 subpart B, EN 300220-1:2000, EN 300220-2:2000
Type Approval	**North America**: Canada and United States
	CALA: Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saba, Saint Barthelemy (St. Barts), Saint Croix, Saint John, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, and Virgin Islands
	EMEA: Austria, Bahrain, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, South Africa, Spain, Sweden, Turkey, UAE, UK, and Ukraine.
	APAC: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.

Avaya B189 IP Conference Phone

Audio Features	OmniSound HD (Full-duplex speakerphone, AGC, beam forming mics, comfort noise generation, noise suppression, loudness control, noise gating) Microphone: 4 directional microphones with 360° Omni-directional pickup Pickup range: 20-ft range, up to 120 m^2, up to 18 persons w/o expansion microphones Volume: 96 dB SPL 0.5m (RMS) Frequency response: 70 to 15000 Hz Full-duplex speakerphone, IEEE 1329 Type 2 Compliant
Connections	Ethernet RJ45 (10/100/1000 Mbps) 2 Expansion microphone ports 1 AUX port for optional PA Interface
Codecs	G.722, G.711A, G.711µ, G.729ab
Dimensions	31.0 x 27.0 x 8.3 cm
Weight	1400 gram
Color	Charcoal black
Display	5" capacitive touch display (109 x 66 mm) QVGA resolution (800 x 480)
Keypad	On-hook/off-hook; Mute; Volume up/down
Power	Power over Ethernet IEEE 802.3af, class 3 Optional auxiliary power available with the use of PoE Injector Typical power usage: 7W; Maximum power usage: 12W
Environmental Conditions	Operating Temperature: +5°C to +40°C; Relative Humidity: 20-80% condensation free; Storage Temperature: -20°C to +70°C
Approvals	Electrical safety: EN 60950-1:2006, ANSI/UL 60950-1-2002, CAN/CSA-C22.2, no. 60950-1-03 EMC/Radio: EN 301 489-3 V1.4.1 (2002-08), EN 301 489-1 V1.6.1 (2005-09), FCC Part 15 subpart B, EN 300220-1:2000, EN 300220-2:2000
Type Approval	**North America**: Canada and United States **CALA:** Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Curacao, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saba, Saint Barthelemy (St. Barts), Saint Croix, Saint John, Saint Lucia, Saint Martin, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, and Virgin Islands. **EMEA**: Austria, Azerbaijan, Bahrain, Belarus, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Lithuania, Luxembourg, Macedonia, Malta, Morocco, Netherlands, Norway, Oman, Poland, Portugal, Romania, Russia, Saudi Arabia, Serbia, Slovakia, Slovenia, South Africa, Spain, Sweden, Turkey, UAE, UK, Uganda, Ukraine and Uzbekistan. **APAC**: Australia, Bangladesh, Brunei, Cambodia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand and Vietnam.

Product Photos

B189	B179	B169	B159
B149	Wall Mounting Bracket	PA System Interface Box	Power Adapter
Expansion Mics	Analog/Power Cable	Power Extension Cable	Analog/Power Extension Cable
Power Cable Connector	Ethernet Cable	Mobile Phone Cable	Video Cable
Memory Card 2GB			