

Date: December 2013

Offer Definition

Avaya B100 Conference Phone

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Offer Definition

Product ➔	B100 Conference Phones	GA Date ➔	B149/B159 - April 2011, B179 - July 2011, B189 - Dec 2013
Rev #		Rev Date	
6		December 2013	
Avaya Source Prime		Channel Partner Target Audience	
		Product Management, Order Management, Documentation, Training, Lab Engineers, Sales Engineers	
CHANGE CONTROL RECORD			
Date (mm/dd/yy)	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 2014	6	Vandy Lee	B189 launch

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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

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 compliment 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 – New!

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 Conference Phone enables full Avaya Aura® integration and offers familiar installation, configuration and management as the 9600-series IP phones. The Avaya B189 Conference Phone 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 is available for ordering starting December 9, 2013, and will begin shipping to customers on January 13, 2014.



The Avaya B189 Conference Phone offers:

- 5" capacitive touchscreen display and 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
- Upgradable to SIP in a future software release for investment protection
- 4 directional microphones for 360° sound pickup with up to 20 ft range
- Expandable with expansion microphones
- Gigabit Ethernet speed
- PoE (Power over Ethernet)

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. The Avaya B179 Conference Phone is ideal for large conference rooms (up to 30 square meters or 320 square feet). It is also perfect for larger conferences since it can accommodate expansion microphones, an external wireless headset and a Public Address (PA) system. With the Avaya B179 phone your company will have a conference phone that combines all the benefits of IP voice service with innovative new features.



The Avaya B179 Conference Phone offers:

- OmniSound® 2.0
- SIP, with failover support, voice and signaling channel encryption
- 5-ways 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)

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. It goes without saying that the Avaya B159 delivers ultimate sound quality, based on a brand new generation of OmniSound® 2.0 technology, Avaya's crystal clear audio technology. The Avaya B159 Conference Phone has an intriguing Scandinavian design that enhances any conference table.

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



The Avaya B159 has the following advantages:

- OmniSound® 2.0
- Analog connection
- Wired connection to mobile phones
- USB-connection to computer
- Connection for Wireless headset
- Expandable with microphones
- Call recording on SD memory card ²
- Expandable for PA System
- Phonebook
- Conference guide
- Built-in bridging function

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 advantages:

- OmniSound® 2.0
- Analog connectivity
- Call recording on SD memory card
- Expandable with microphones
- Phonebook
- Conference guide

² Call recording can be permanently disabled through an administrative option. Please refer to the app notes in support.avaya.com.

Accessories

This section provides a list of accessories and compatible models. For more details about material code and pricing, please see Pricing & Material Code session.

When you order any of the 4 models listed below, the phone comes with some accessories already. In the box, it includes:

- B189: the phone and Ethernet network cable
- B179: the phone and Ethernet network cable
- 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 can work with all 3 models, connecting the AC Adapter and the phone, length 7.5M. You can increase the length to 15M by adding extension power cable. However, the extension power cable will not connect the AC Adapter and phone by itself. It will always need the power cable.
- 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 port, and the phone. In the case you want to double the length of the cable, you should add the dual power/Analog line extension cable to Dual power/Analog line cable. Extension cable power and analog tele, 7.5 meters E1A-5320 class IV and 6/2. Extension adapter included.
- Mobile phone cables: The mobile phone cables can 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 box (material code 700501537): For connection to external loudspeaker and microphone system (PA system). Plug: RCA in/out. Connection cables 2.5 meters.

ACCESSORIES	MATERIAL CODE	AVAYA B149	AVAYA B159	AVAYA B179	AVAYA B189
AC adapter 14 V DC	700501534	✓	✓	✓	
Wall mounting bracket	700501536	✓	✓	✓	
PA interface box	700501537		✓	✓	✓
SD memory card 2GB	700501538	✓	✓	✓	
Expansion microphones (one pair)	700501539	✓	✓	✓	✓
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		✓		

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.

	AVAYA B149	AVAYA B159	AVAYA B179	AVAYA B189
Communication Manager	CM 5.0 +	CM 5.0 +	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 +
IP Office	IPO 6.1 +	IPO 6.1 +	IPO 7.0 +	n/a
Communication Server 1000	CS1000 6.0 +	CS1000 6.0 +	CS1000 6.0 +	n/a
Communication Server 2100	CS 2100 SE13 +	CS 2100 SE13 +	CS 2100 SE13 +	n/a

Feature Comparison

Below is a comparison across the Avaya B100 Series Conference Phones portfolio.

	B149	B159	B179	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 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 25 185 m ² or 2000 sq ft
Number of people with PA connection		More than 16	More than 16	More than 25 ^(*)
Protocol	Analog	Analog	SIP	H323 and SIP ^(*)
Expansion Microphones	✓	✓	✓	✓
Sound technology	OmniSound 2.0	OmniSound 2.0	OmniSound 2.0	OmniSound HD
Power over Ethernet			✓	✓
Keypad	✓	✓	✓	touchscreen
Display	128x64 pixels	128x64 pixels	128x64 pixels	5" capacitive touchscreen
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 and cordless handset		✓		
USB connection to computers for VoIP		✓		✓(*)
Interface box for PA system connection		✓	✓	✓(*)

(*) available in future software releases

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 download 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
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

Offer Resources Contact

Product Manager: Vandy Lee, +1-908-953-6120, vlee@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 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

	<p>EMEA: Austria, 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.</p> <p>APAC: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.</p>
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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 Expansion microphones 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,

	<p>Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, and Virgin Islands</p> <p>EMEA: Austria, 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.</p> <p>APAC: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.</p>
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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 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
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
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
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,

	<p>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</p> <p>EMEA: Austria, 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.</p> <p>APAC: Australia, China, Hong Kong, India, Indonesia, Japan, Macau, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan and Thailand.</p>
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Avaya B189 IP Conference Phone

Audio Features	<p>OmniSound HD (Full-duplex speakerphone, AGC, beam forming mics, comfort noise generation, noise suppression, loudness control, noise gating)</p> <p>Microphone: 4 directional microphones with 360° Omni-directional pickup</p> <p>Pickup range: 20-ft range, up to 120 m², up to 18 persons w/o expansion microphones</p> <p>Volume: 96 dB SPL 0.5m (RMS)</p> <p>Frequency response: 70 to 15000 Hz</p> <p>Full-duplex speakerphone, IEEE 1329 Type 2 Compliant</p>
Connections	<p>Ethernet RJ45 (10/100/1000 Mbps)</p> <p>Expansion microphones</p> <p>Mini-USB port</p> <p>Auxiliary jacks for wireless headset, PA system and expansion</p>
Recording	Support SD memory card up to 32 GB
Dimension	31.0 x 27.0 x 8.3 cm
Weight	1400 gram
Color	Charcoal black
Display	<p>5" capacitive touch display (109 x 66 mm)</p> <p>QVGA resolution (800 x 480)</p>
Keypad	<p>On-hook/off-hook</p> <p>Mute</p> <p>Volume up/down</p>
Power	<p>Power over Ethernet IEEE 802.3af, class 3</p> <p>Optional auxiliary power available</p> <p>Typical power usage: 7W</p> <p>Maximum power usage: 12W</p>
Environmental Conditions	<p>Operating Temperature: +5°C to +40°C</p> <p>Relative Humidity: 20-80% condensation free</p> <p>Storage Temperature: -20°C to +70°C</p>
Approvals	<p>Electrical safety: EN 60950-1:2006, ANSI/UL 60950-1-2002, CAN/CSA-C22.2, no. 60950-1-03</p> <p>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</p>
<p>Type Approval (initial list of approved countries)</p> <p>* Certain market type approvals will be completed after GA.</p>	<p>North America: Canada and United States</p> <p>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,</p>

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, Uruguay*, Venezuela*, and Virgin Islands*

EMEA: Austria, Azerbaijan*, Bahrain*, Belarus*, Belgium, Bulgaria, Croatia*, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel*, Italy, Latvia, Lebanon, Lithuania, Luxembourg, Macedonia, Malta, Morocco, Mozambique*, Netherlands, Nigeria*, Norway, Oman, Poland, Portugal, Romania, Russia*, Saudi Arabia*, Serbia*, Slovakia, Slovenia, South Africa*, Spain, Sweden, Turkey, UAE*, UK, Uganda* and Ukraine*.

APAC: Australia*, Bangladesh*, Cambodia*, China*, Hong Kong, India, Indonesia*, Japan*, Macau, Malaysia, New Zealand*, Philippines, Singapore, South Korea*, Taiwan, Thailand and Vietnam*.

Product Photos

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