Avaya Conference Phone B199
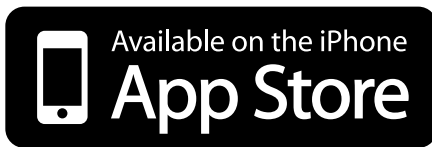
Simple and powerful conferencing solution that brings crystal clear sound and one touch meeting entry to conference rooms of all sizes.

The Avaya Conference Phone B199 delivers state of the art technology to any size conference room to significantly improve the conferencing experience for all meeting participants. Avaya's OmniSound® technology creates a natural sense of presence to sense meeting room participants and allow them to move freely around the room without any audio impairment. Bluetooth capability, simple to use touch interface removes any roadblocks from connectivity, starting and managing the meeting.

Features and Benefits

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

Award-winning design: The Avaya Conference Phone B199 received the coveted Red Dot Award for its product design. Offering remarkable flexibility to suit any conferencing audio needs, it delivers a breakthrough intuitive interface, can be daisy-chained with three devices and also provides several options for easy device management and auto provisioning.

Good Things Come in Unique Packages: Easily expand the coverage of the B199 with available add-on smart microphones. There is OmniSound® audio technology, beamforming technology and the support of digital MEMS microphones on the conference phone. In addition, the full duplex, echo cancellation, and noise suppression technology has been enhanced. Beamforming technology makes the speakers sound closer to the conference phone, helping make conversations more natural and conference participants heard better. It also provides greater freedom of movement without the loss of sound quality, such as when someone moves to the whiteboard. Each B199 combines three digital microphones which are effective with up to 20 meeting participants. Adding two Avaya Smart Microphones expands the microphone range to 750 Square Feet (70 m2). For larger rooms, up to 970 Square Feet (90 m2), it is possible to connect up to three B199 units in a daisy-chain. In this kind of deployment, one device acts are the master, and the other two as additional speakers and microphones. Daisy chain connections are as simple as connecting the daisy-chain cables between units.

Improved and personal user experience within the conference room

The Avaya® Conference Assistant App provides an easy way to control the conference phone, right at the tip of your fingers using your mobile device – tablet or smartphone. There is no need to reach over to the conference phone and scheduled conference calls can be joined as easily as a single touch. Your mobile device becomes a natural extension of your conference phone.

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Figure1: Screen Shots showing Calendar, Connection Options, and Conference Controls

- Join the scheduled call with one touch

- Use your personal contact and call history list

- Create your frequent used conference groups

- Sit relaxed in the chair with full control of the conference call within your hand

- Run Avaya® Conference Assistant on Avaya Vantage, the personal smartphone or on a dedicated conference room tablet

Specifications

General	
Box Contents	Avaya Conference Phone B199, Ethernet Cable 2m (6.5 feet) CAT 5E, quick reference guide, important notice document
Product Documentation	Quick guide and user guide in English, French, Spanish (Latam), Portuguese (Brazilian), Russian, German, Simplified Chinese, Swedish, Italian. Installation and administration guide in English
Warranty	1 year
Dimensions	326x370x75mm (WxLxH) 12.8"x14.6"x3" (WxLxH)
Weight	1.4 kg 3.1 lbs
Color	Black
Anti-theft protection	Kensington® security slot
Power Requirements	
PoE	IEEE 802.3af/at (Class 4)
Adapter	Optional PoE Injector accessory available

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User Interface	
Display	4.3", 480x800, capacitive touch screen
Buttons	two volume touch buttons, three mute touch buttons
Status indication	Dual color LED (green/red) for off hook, mute, hold status
Mobile App	Avaya® Conference Assistant. Free download from Apple AppStore and Google Play
Menu languages	Conference phone User Interface in: English, French, Spanish, Portuguese, German, Simplified Chinese, Italian, Swedish, Norwegian, Finnish, Dutch and Danish
Web UI	English
Avaya® Conference Assistant App	English, French, Spanish, Portuguese, Russian, German, Korean, Japanese, Chinese (traditional and simplified), Italian, Turkish, Swedish, Norwegian, Finnish, Polish, Dutch, Czech and Danish

Call Features
Conference/split/hold/private, call waiting, local five-way conferencing, calling line ID

Directory
Call history

Connectivity	
Ethernet	1 x Ethernet 10/100/1000Mbps, PoE IEEE 802.3af/at with 802.3at recommended. (optional power adapter available)
USB	1 x USB 3.0 host Type-A, 1 x USB 3.0 device Micro-B
Bluetooth®	Bluetooth LE, Bluetooth Classic and NFC supported
Expansion	2 x audio expansion ports (RJ11)

Network	
Protocol	SIP 2.0 (RFC 3261 and associated RFCs). Note: NOT Avaya Aura SIP-AST
Signaling	UDP, TCP, TLS, and SIPS
Media protocol	RTP, SRTP
Network addressing	DHCP and static IP NAT
NAT traversal	STUN, ICE and TURN
Security	802.1x authentication with EAP-TLS
Quality of Service	DiffServ, VLAN (IEEE 802.1p/Q)
DTMF tone generation	RFC 4733/2833, SIP INFO, In-band
Time server	NTP, SNTP (RFC 4330)
Additional Features	PCAP-log, unique host name, LLDP

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Configuration and Provisioning	
Configuration	Via integrated web server, HTTP or HTTPS
Device management	To be updated
Device Enrolment Service	Future update
Admin login	Separate user and administrator login for secure configuration
Audio	
Speaker	Frequency 80 – 14000 Hz, volume 95 dB SPL 0.5m
Microphones	3 digital MEMS microphones, pick-up range 6m/20ft
Technology	OmniSound®, full-duplex speech, beamforming microphones, noise cancellation, echo cancellation, comfort noise generation
Codecs	G.711, G.722, G.729, Opus, iLBC
Expansion Options	
Wired smart expansion microphones	Local acoustic echo and noise cancellation, three digital MEMS microphones, pick-up range 6m/20 ft, cable length 3m / 10 ft
Daisy Chain	It is possible to cover very large conference room areas by connecting several B199 units together in a daisy chain using the audio expansion ports and daisy chain cables
Platform Support	
Avaya Aura®	
Avaya IP Office™	
RingCentral Office	
Avaya Cloud Office	

About Avaya

Businesses are built by the experiences they provide, and every day millions of those experiences are delivered by Avaya Holdings Corp. (NYSE: AVYA). Avaya is shaping what's next for the future of work, with innovation and partnerships that deliver game-changing business benefits. Our cloud communications solutions and multi-cloud application ecosystem power personalized, intelligent, and effortless customer and employee experiences to help achieve strategic ambitions and desired outcomes. Together, we are committed to help grow your business by delivering Experiences that Matter.
Learn more at www.avaya.com.

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