AVAYA

Devices and Phones

Avaya IX™ Conference Phone B199

Simple, sophisticated wireless solution that extends crystal clear sound and smart productivity features to board rooms and large conference rooms

The Avaya IX™ Conference Phone B199 offers sophisticated and easy to use communication solutions for small to large companies. Providing superior voice quality with the award winning OmniSound® audio technology, the conference phone cost effectively offers plug-and-play deployment options, that addresses the unique needs of diverse users. With a sleek appearance and suite of smart productivity features, the conference phone is an ideal choice for companies adding endpoints to their existing infrastructure or deploying a new network. It can be used to complement scheduled meetings and training sessions or for impromptu calls between globally dispersed offices and remote workers.

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.

Plug and Play Wireless simplicity: Why take conference calls only from specific conference rooms, boardrooms or executive suites within your facility? Simply carry the uniquely designed B199 Wireless Conference Phone anywhere in the office that has wireless access and you're good to go. Conduct high quality audio conferences virtually anytime and anywhere. You can also connect Avaya IX™ Conference Phone B199 to an Ethernet line (and to a power outlet if you don't have Power over Ethernet PoE).
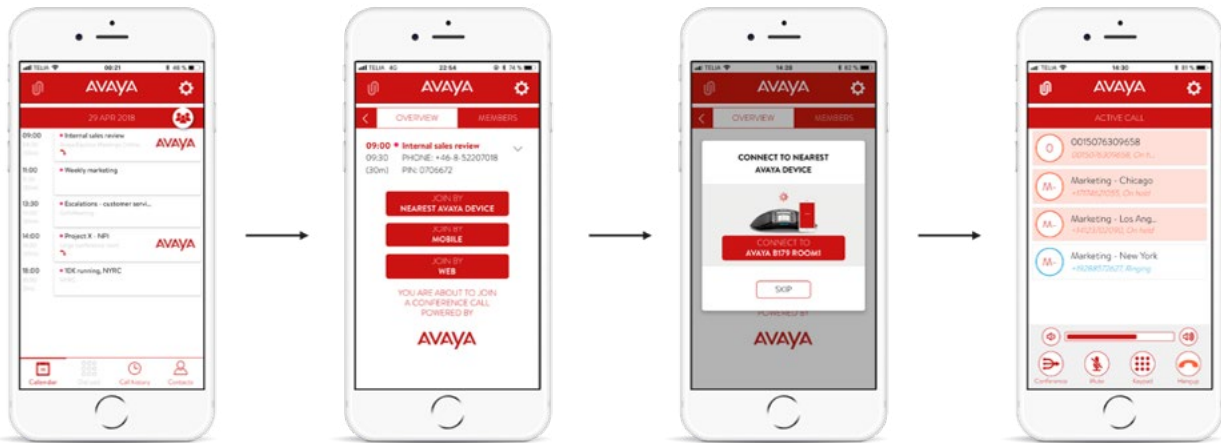
Good Things Come in Unique Packages: Easily expand the coverage of the B199 with available add-on smart microphones. There is OmniSound® audio technology, beamforming technology and the support of digital MEMS microphones on the conference phone. In addition, the full duplex, echo cancellation, and noise 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 (70 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.

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 IX™ 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, Portuguese, Russian, German, Korean, Japanese, Chinese, 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

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 Unite. Free download from Apple AppStore and Google Play
Menu languages	Conference phone User Interface in: English, French, Spanish, Portuguese, Russian, German, Korean, Japanese, Simplified Chinese, Italian, Turkish, Swedish, Norwegian, Finnish, Polish, Dutch, and Danish.
Input	a – z, A- Z, 0-9.
Web UI	English
Avaya® Conference Assistant App	English, French, Spanish, Portuguese, Russian, German, Korean, Japanese, Simplified Chinese, Italian, Turkish, Swedish, Norwegian, Finnish, Polish, Dutch, and Danish.

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

Directory
Local phonebook (future), LDAP, 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 and NFC supported. (Future support for HFP/HSP/A2DP/AVRCP)
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	Remote syslog, PCAP-log, unique host name, LLDP
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, pick0up range 6m/20 ft, cable length 3m / 10 ft.
Daisy Chain	Connect three Avaya B199 Conference Phones is a daisy chain using the audio expansion ports and daisy chain cables. Support for up-to two slave B199 units per master.
Platform Support	
• Avaya Aura® • Avaya IP Office™ • Avaya Approved Third Party Platforms	

About Avaya

Businesses are built on the experiences they provide and every day millions of those experiences are built by Avaya (NYSE:AVYA). For over one hundred years, we've enabled organizations around the globe to win—by creating intelligent communications experiences for customers and employees. Avaya builds open, converged and innovative solutions to enhance and simplify communications and collaboration—in the cloud, on premise, or a hybrid of both. To grow your business, we're committed to innovation, partnership, and a relentless focus on what's next. We're the technology company you trust to help you deliver Experiences that Matter. Visit us at www.avaya.com.