



B179 Release 2.2.5 ReadMe

Issue: 2.0

Date: 10 November, 2011

This file is the Readme for the Generally Available Avaya SIP conference telephone B179 Release 2.2.5. This file describes the changes from R2.2.1.

OVERVIEW

The B179 is a SIP conference telephone, developed by Konftel (wholly owned by Avaya, Inc.), and uses OmniSound® technology to provide full-duplex, crystal-clear sound for all participants. This technology includes noise suppression and equalizer functionality to avoid clipping, minimize background noise, and in general provide a superior conferencing experience. Of course, optimal performance is obtained in environments free of acoustic interference.

The B179 is a flexible SIP-based conference phone and is intended for medium-to-large conference rooms or other such environments (e.g. auditoriums) for companies that use IP voice services, and provides standard telephony functionality as well as providing the following enhanced features:

- The telephone can interface to Public Address (PA) systems
- The B179 is also ideal for larger conferences since it can accommodate expansion microphones
- Users can record calls with an SD card that is included as part of the standard package.
- Four personal user profiles each hold up to 1000 contacts and 20 conference groups of up to five names.
- A wireless headset adapter interface is supported.
- PoE (Power over Ethernet)
- Web-based configuration

INSTALLATION OF B179 RELEASE 2.2.X

The B179 is supported on the following call servers:

Call Server	Notes
CM Release 5.2.1 and later	
CS1000 6.0 and later	
IP Office 7.0 and later	

Other configurations of call servers and circuit boards were not tested and such performance cannot be guaranteed.

CHANGES INTRODUCED FOR B179 RELEASE 2.2.5

- Corrected the parsing of the incoming INVITE where 'Content-Length' wasn't the last header field.
- Increased DSP software by 6dB to resolve volume issues experienced in certain installations.
- Introduced a new method of controlling the mute pin on the amplifier to resolve a oneway audio issue.
- Corrected parsing of the outbound proxy URI.
- Renamed the XML files avayab179-<MAC>.xml instead of kt300ip-<MAC>.xml. Merged new device management to Avaya.
- Corrected log timestamp offset error.
- Changed parameters to remove static web sessions that have not been updated in the last 60 minutes instead of 600 minutes as originally specified.
- Changed the web character set so that it matches the language in all cases.
- Corrected a recording issue that caused failures on certain Solid-state Drive High Capacity (SDHC) sizes.
- Added a missing AVAYA sysid test script to busybox ipkg to resolve failed upgrades.

KNOWN CONSIDERATIONS AND LIMITATIONS OF B179 RELEASE 2.2.X

- The telephone only supports SD cards up to 2GB; SDHC (High Capacity) cards are not supported. The SD card file system has to be FAT 16 (also simply called FAT) or FAT 32. The SD card that is shipped with the telephone is properly formatted.
- When calling from [96x0-H-323 Avaya 9600 Series IP Deskphones running Avaya one-X® Deskphone SIP software](#) -to the Avaya B179 Conference Phone, putting the call on-hold from the 9600 deskphone is successful but removing the hold causes the call to drop. This only happens if the network region is set to only use G.729. The workaround is to configure G.729 & G.711 in the ip-codec form.
- When initiating a call from the Avaya 1140e SIP phone to the Avaya B179 Conference Phone using G.729, putting the call on-hold from the 1140e phone will cause the B179 phone to display "Unsupported Media" and drop the call. The workaround is to set the codec list of the 1140e phone to PCMU, G.729, G.722, and set the codec of the B179 phone to G.722 u-law as 4-high and set the codec G.729 as 3.
- When initiating a call from an M3904 digital set to the Avaya B179 Conference Phone using G.729, putting the call on-hold from M3904 Results in no voice path in both directions when the call is taken off hold. The workaround is to set the codec list on B179 to G.729 as 4-high and G.711 ulaw as 3. SIP-TLS is not supported on CS1K. This support is planned for the November 2011 release.
- When a CS1000 phone calls the the Avaya B179 Conference Phone, the B179 phone display shows the calling party name; but, when the call is answered the display changes to "sip".

- Blind transfers by the Avaya B179 Conference Phone fail. CS1K rings transfer to the phone once and then stop.