Avaya B189 Conference IP Phone Release 1.0.1.08 Readme

This file is the Readme for the Avaya B189 Conference IP Phone Release 1.0.1 this file describes the contents of the June 2014 release software distribution package.

H.323 software is supported on the Avaya B189 Conference IP phones only and when used with Avaya Aura® Communication Manager.

Please refer to the Advisements in this file for important information prior to deploying this software.

To upgrade your Avaya B189 Conference IP phone:

1. Unzip the zip file in the root directory of your HTTP server.
2. Make the adjustments required by your environment to your 46xxsettings.txt file.
3. Reset your Avaya B189 Conference IP phone.

Avaya IP Office Compatibility

Not supported in Release 1.0.1.

Avaya B5800 Compatibility

Not supported in Release 1.0.1.

Avaya Aura® Communication Manager Compatibility

Avaya B189 Conference IP phones are supported on Avaya Aura® Communication Manager 5.2.1 and later. See the "Communication Manager Software & Firmware Compatibility Matrix" at http://support.avaya.com for the supported software/firmware versions of the Media Server, Media Gateway, and circuit packs.

Administer the Avaya B189 Conference IP phones as a 9620 IP desk phone.

For more details see the H.323 configuration section in the Communication Manager Administration Guide which you can download from http://support.avaya.com.

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Avaya B189 Conference IP phones

Avaya has launched the Avaya B189 Conference IP phone which is a new addition to the B100 family of conference phones. This conference phone is designed for the medium and large customers having the Avaya Aura infrastructure in place. The phone features crystal clear sound using the OmniSound HD technology with full duplex communication and 360^0 sound reproduction. With sensitive microphones, the phone can pick up the conversation from a distance of 15 feet. Avaya B189 Conference IP Phone features a 5" touch screen for easy navigation to all the available features. Two high quality speakers ensure powerful sound so that the conversations are heard by everyone in the conference room. Large bi-color LEDs make visual alerting easy from a distance.

Our engineers have been engaged in testing and inspecting Avaya B189 Conference IP phones software in order to deliver a high quality, stable, reliable, and feature rich solution upon which you can rely on for your critical business success.

Avaya employs a highly disciplined quality approach end to end; from improved software development practices, extensive code inspection, enhanced product verification and widespread live user trials. Stabilizing the foundation of the product has been the highest priority with special emphasis on quality as the number one goal of the release.

Extensive live system trials were part of the qualification process: Avaya B189 Conference IP phones software has been deployed on many sites and unique live environments.

Avaya fully recognizes the responsibility and trust you place in us in achieving your business success. To deliver you a high quality, stable, reliable, and feature rich solution with the Avaya B189 Conference IP deskphones we have undergone the utmost rigor to deliver the highest quality solution possible.

New content in 1.0.1.08

The support for the following was added in the 1.0.1.08:

- Hiding DTMF digits
  - An administrator can configure the phone to display or hide (display '*') DTMF digits by changing a value of HIDEDTMFDIGITS in 46xxsettings.txt file.
  - By default, the digits will be displayed.
- Support for CM administered Abbreviated Dialing feature
  - Abvr-dial (AD) feature is supported
  - Abvr-spchar (AbvrDial), Abr-prog (Abr Program), Autodial (AD) are not supported
  - A user cannot define a label for the AD feature button; the label can be defined by the administrator using CM administration interface.
- Collecting audio (DSP) logs
  - An administrator can enable audio (DSP) log collection in Craft -> Debug -> Log Audio menu. By default, this feature is disabled.
  - The Craft -> Debug -> Log Mode does not have to be enabled to collect audio logs.
  - The logs are collected while there is RTP traffic. The logs will rotate after approximately 4 hours of continuous RTP traffic.
  - The logs are stored in the /tmp/logs/avaya_phone.log file. The logs contain values of the internal parameters of the DSP. RTP traffic is not captured.

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- New 46xx settings parameter:
  - HIDEDTMFDIGITS - defines if the DTMF digits will be displayed when they are entered.

Value	Operation
0	DTMF digits will be displayed when entered (default)
1	DTMF digits will not be displayed when entered; they will be replaced by '*'

Content in release 1.0.1.08

The Avaya B189 Conference IP phone software is based on the 96x1 H323 phone's family (Release 6.3 code base) with a new GUI layer added to accommodate the touch screen. The native QT UI supports kinetic scrolling. The Avaya B189 Conference IP phone uses the same installation and configuration settings as the H.323 96x1 Series deskphones.

Avaya B189 Conference IP phones support the following subset of the features of the 96x1 family of deskphones.

- Contacts
- Avaya Menu
- Administration (A.K.A. Craft menu)
- Bridged calls
- Redial feature
- Language display support for G13 countries
- Only Latin characters set is supported for text entry
- Backup and restore supported only for Contacts, LANGUSER, OPTCLICKS,OPTERRORTONE, and PHNABKNAME parameters
- 802.1X: EAP-MD5 (EAP-TLS not supported in R1)

CM features supported in R1 for B189:

- Auto call back
- Instant Transfer
- Account
- Audix record
- Consult
- CPN Block
- Drop
- Exclusion
- Limit in calls
- No hold conference
- Ringer Off

Issues fixed in 1.0.1.08

ID	Issue Description
932362	When setting 2 bridged lines to the same extension, the B189 phone is unable to conference to the bridge lines.
821771	While on active call, if an incoming call is ignored, and the active call is dropped (before the incoming call is terminated), the call details screen will not refreshed.
312251	While placing an active call on hold, if incoming call is ignored, the un-hold button will not work.

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ID	Issue Description
932240	When we configure the B189 phone to backup/restore using HTTP credential, after the phone comes up from reboot and if we want to preform backup/restore, the phone shows status screen for credential values. Two lines for user and password are part of credential screen. When user presses user/password screen a keyboard is displayed. If user presses on one of the application buttons, the credential screen will disappear and the phone will not get dial tone. You should use only the red X button or the green V button to close the keyboard.
122409 472377	Http get request is limited to 31 characters. Any file that needs to be downloaded to the phone through http/https (i.e. settings file, certificate, language file) should have name shorter than 31 characters. Otherwise the download will fail and in some cases the phone will fail to boot. Now Http get request support until 32 characters and if longer file exist, the phone will just ignore it.

Avaya B189 Release 1.0.1.08 Package Contents

The Avaya B189 1.0.1 software package contains all the files necessary to upgrade the Avaya to a new load.

The following files are included in each package:

- SB189_HAL_R1_0_1_08_r9569_V474.tar - The B189 1.0.1 phone application tar file.
- SB189_UKR_V13r133_V13r133.tar – The H.323 Kernel and root file system tar file.
- B189Hupgrade.txt – This file is downloaded by the Avaya B189 phone and instructs the phone on how to upgrade. DO NOT EDIT this file. You MUST USE this file included in this package to upgrade the software.
- 10 predefined language files for phone display:
    - mlf_B189_V99_chinese.txt
    - mlf_B189_V99_french_paris.txt
    - mlf_B189_V99_german.txt
    - mlf_B189_V99_italian.txt
    - mlf_B189_V99_japanese.txt
    - mlf_B189_V99_korean.txt
    - mlf_B189_V99_portuguese.txt
    - mlf_B189_V99_russian.txt
    - mlf_B189_V99_spanish_latin.txt
    - mlf_B189_V99_template_english.txt (English is supported by default. this file is to be used only to create custom .mlf file).
- av_csca_pem_2032.txt (Avaya Call Server Root Certificate)
- av_prca_pem_2033.txt (Avaya Product Root CA certificate)
- release.xml
- 96x1mibDRAFT.txt

The signatures in the signatures subdirectory of the .zip distribution packages are only intended to be used by the file server, and the file server that is on the CM6.0 Utility Server is the only file server that currently supports this.

System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at http://support.avaya.com

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Settings files parameters

The B189 phone will use the 46xxsettings.txt file. Note: that only a subset of the settings parameters will apply, please refers to the comments on the 46xxsettings.txt template on http://support.avaya.com.

The B189 phone will support new settings file parameter:
PHNSCRIDLE - specifies the content displayed in Main Display Area when the phone is in Idle state.
Operation depends on a value of the PHNSCRIDLE parameter value:
0 - Dial Pad Window is displayed (Default)
1 - Call Appearance Window is displayed

Known Issues

The following table includes known issues with the Avaya B189 Conference IP phone:

ID	Issue Description
User Interface	
6121468	To drop a call that is placed on hold by the remote side and on which music on hold is configured (CM configuration): 1. Press drop button twice. 2. Press the on-hook/off-hook button.
531979	Contact pairing - The pairing algorithm does not work in case of bridge/forward calls.
142372	While setting bridge appearance on to second line of phone B, and calling phone B, if phone B gets another incoming call and if user presses will press "answer drop", the call details screen will not refreshed Workaround: Press Phone button or On-hook/off-hook button.
5121728	When putting a call is on hold, pressing the dial pad will open dial pad in DTMF mode. To initiate a new call select new call appearance on the phone screen.
Bridged Appearance	
712359	When the B189 phone has bridged appearance to another phone, (Phone B) in the following scenario, the call details screen is not refreshed: 1. Phone B calling phone C from the second line appearance. 2. Phone B conferences phone D to the previous call with phone C 3. User on Phone B presses join (before phone D answers) Workaround: Press Phone button or On-hook/off-hook button.
282392	When the B189 phone have a bridged call appearance to phone B, and calls phone B and disconnects the call from phone screen before phone B answers. The entries for: "Guest login", "Logout" and "Administration menu" will not be available on the settings screen. Workaround: Touch the bridge call appearance and then disconnect.

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ID	Issue Description
182268	When the B189 phone tries to conference through bridge appearance while "exclusion" feature is activated on the bridged phone, B189 will display call details screen (and no voice path).
142372	When setting bridge on the B189 phone to monitor line 2 of phone-B the following scenario will result with the B189 phone not clearing the call details screen: 1. B189 phone calls phone B, and phone B answers the call. 2. While phone B is on a call with the B189 phone, phone C calls phone B. 3. User on phone B presses "Answer Drop" action button. Workaround: Press Phone button or On-hook/off-hook button.
Failover	
7461937	When CM is configured with TTS Off (Near End Establishes TCP Signaling Socket" is No) AND while on an active call the B189 phone loses its connection to CM for more than PST timer AND reconnects. The call will be dropped.
Data Networking	
9341625	Phone supports getting only one HTTP file server from LLDP. You can configure multiple HTTP file servers can be configured using the: settings file, DHCP, "Administration" menu.
Administration	
271970	When calling in to AAC 8.0 or ACC 7.2 FP2 with SRTP enabled and "Direct IP-IP Audio Connections" on CM is set to No and joining the conference before the moderator starts, the B189 phone will fail to establish voice path. Workaround -
8011722	MIB browser displays the inverted value of endptTLSUSED
5341908	When using serial cable to connect to the phone from PC, set PC serial client to the following settings: Speed = 115200 Data bits = 8 Stop bits = 1 Parity = None Flow control = None
722253	When using "Guest login" to B189 from 96x1 9608 or 9611 phone htat is configured with half width ("Phone Screen Width") and performing backup, "Phone Screen Width" parameter will disappear from the backup file.
321725	Call Server parameter in ADD does not update after changing from an extension to another extension on different CM's Work around: Check Call Server in MENU-> Network Info-> IP Parameters before check call server Administration->ADD mode, phone will display parameter correctly

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ID	Issue Description
752255	In some cases after canceling confirmation pop-up (reset, clear values) the application buttons will be available in Administration menu. If the administrator uses it to exit CRAFT the phone will not get dial tone. Workaround: 1. Exit Administration Menu only by using the back button. or 2. In case of hitting the applications button and exiting Administration menu, enter Administration menu again exit via the “Back” button.

License Agreements

The B189 Third Party Terms document is available under the following path:

https://support.avaya.com/helpcenter/getGenericDetails?detailId=C200922314304731046

(Please scroll to the B189 section)

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