Aastra Models 9000i and 6700i Series SIP IP Phones

AASTRA

SIP 3.2.1 Release Notes

RN-001037-02 REV02 – 03.2011

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SIP IP Phone Models 9000i and 6700i Series Phones Release Notes 3.2.1

About this document

This document provides new features for the 9000i Series SIP IP Phones (9143i, 9480i, 9480i CT) and the 6700i Series SIP IP Phones (6730i, 6731i, 6739i, 6753i, 6755i, 6757i, 6757i CT) for release 3.2.1.

Note:
This release applies to the phone models mentioned above only.

For more detailed information about features associated with each phone, and for information on how to use the phones, see your model-specific *SIP IP Phone Installation Guide* and the *SIP IP Phone User Guide*.

For detailed information about more advanced features, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide* and/or the *Development Guide XML API For Aastra SIP Phones Firmware 3.2.1*.

Release notes topics

Topics in these release notes include:

- General information
- New Features in Release 3.2.1
- Issues Resolved in Release 3.2.1
- Contacting Aastra Telecom Support

General information

Release content information

This document provides release content information on the Aastra 9000i and 6700i Series SIP IP Phone firmware.

Model	Release name	Release version	Release filename	Release date
6730i	Generic SIP	3.2.1	FC-001319-01-REV02	March 2011
6731i	Generic SIP	3.2.1	FC-001318-01-REV02	March 2011
6739i	Generic SIP	3.2.1	FC-001317-01-REV02	March 2011
6753i	Generic SIP	3.2.1	FC-001321-01-REV02	March 2011
6755i	Generic SIP	3.2.1	FC-001322-01-REV02	March 2011
6757i	Generic SIP	3.2.1	FC-001323-01-REV02	March 2011
6757i CT	Generic SIP	3.2.1	FC-001324-01-REV02	March 2011
9143i	Generic SIP	3.2.1	FC-001325-01-REV02	March 2011
9480i	Generic SIP	3.2.1	FC-001326-01-REV02	March 2011
9480i CT	Generic SIP	3.2.1	FC-001327-01-REV02	March 2011

Hardware supported

This release of firmware is compatible with the following Aastra IP portfolio products:

673xi Models	675xi Models	9xxxi Models
6730i	6753i	9143i
6731i	6755i	9480i
6739i	6757i	9480i CT
	6757i CT	

Bootloader requirements

This release of firmware is compatible with the following Aastra IP portfolio product bootloader versions:

673xi Models	675xi Models	9xxxi Models
6730i: Bootloader 2.4.0.80 or higher	6753i: Bootloader 2.0.1.1055 or higher	9143i: Bootloader 2.2.0.166 or higher
6731i: Bootloader 2.4.0.80 or higher	6755i: Bootloader 2.0.1.1055 or higher	9480i: Bootloader 2.2.0.166 or higher
6739i: Bootloader 3.0.0.167 or higher	6757i: Bootloader 2.0.1.1055 or higher	9480i CT: Bootloader 2.2.0.166 or higher
	6757i CT: Bootloader 2.0.1.1055 or higher	

Before you upgrade

Please read before upgrading your phone

Note:
The following information applies to all IP phones EXCEPT the 6739i.

If you have a firmware version on your phone prior to 2.3, please read the following **IMPORTANT** information before upgrading the phones:

- **LLDP is enabled by default**
  If LLDP is enabled on your network, the phones may come up with different network settings. For more information about LLDP, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide.*
- **Support for DHCP Options 159 and 160**
  If the DHCP server supplies Options 159 and 160, the phones will attempt to contact the configuration server given in these options. For more information about Options 159 and 160, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide.*
- **HTTPS validation**
  If you are using HTTPS and the certificates are not valid or are not signed by Verisign, Thawte, or GeoTrust, the phones fail to download configuration files. For more information about HTTPS validation, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide.*
- **WatchDog task feature**
  If the phone detects a failure (for example, a crash), the phone automatically reboots. For more information about the WatchDog feature, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide.*

Note:
If you factory default a phone with Release 2.3 and above software, when the phone reboots, it attempts to connect to *rcs.aastra.com*. There is no personal information transmitted from the phone and the phone continues to boot up as normal.

Warning:
Applicable to IP Phone Models 6730i and 6731i only:
The default negotiation setting for the Ethernet ports on the phones is “auto-negotiation”. If you have changed this default setting to another value (i.e., Half Duplex or Full Duplex), you MUST set the negotiation value back to the default value of “auto-negotiation” before upgrading to Release 3.2. Failure to do so may cause the phone to fail to connect to the network. In addition, downgrade will not be possible.

New Features in Release 3.2.1

This section provides the new features in SIP IP Phone Release 3.2.1. These new features apply to all of the Aastra IP Phones, unless specifically stated otherwise.

The following table summarizes each new feature and provides a link to more information within this Release Note. Each feature also specifies whether it affects the Administrator, the User, or the XML Developer.

This table also provides the documentation location of features that have already been documented in Aastra's documentation suite. Refer to those documents for more information about the applicable feature.

Feature	Description
User Interface Features	
Clickable Missed Calls Button (For Users and Administrators)	Users can now press the "Missed Call" button on the 6739i idle Screen to either access the phone side Callers List or the server side Callers List using XML For more information on the server side Callers List, refer to the "callers list script" in the: • *Aastra SIP IP Phone Administrator Guide, Release 3.2, Chapter 5 & Appendix A.* ***Only for 6739i**
XML Features	
Note: Please refer to the ***Development Guide XML API For Aastra SIP Phones Firmware 3.2.1*** for more details.	
Playing a WAV File on your Phone (For Users and XML Developers)	The 6739i IP phone now has the capability to stream a WAV file from a TFTP or HTTP server. For more information, refer to the: • *Aastra XML Developer's Guide.* • *Specific Aastra Model IP Phone User Guide.* ***New for 6739i**
Clickable PhoneStatus Object (For Administrators and XML Developers)	The AastraIPPhoneStatus object now supports a new "URI" attribute that displays a status message within a button on the 6739i idle screen. Users can press this button to execute the configured URI. For more information, refer to the: • *Aastra XML Developer's Guide.* ***Only for 6739i**

Feature	Description
XML Unit Scroll Tag (For Users, Administrators, and XML Developers)	The AastraIPPhoneTextMenu object now supports the new tag "UnitScroll" to change the behavior of the scrolling on the 6739i so that it is similar to the 6757i (where the arrow keys move the selected item one by one). For more information, refer to the: • *Aastra XML Developer's Guide.* ***New for 6739i**
XML Scroll Up and Scroll Down Tags (For Users, Administrators, and XML Developers)	The AastraIPPhoneTextMenu object now supports the new tags "scrollUp" and "scrollDown" that are triggered when the scrolling reaches the top or the bottom of the menu items. For more information, refer to the: • *Aastra XML Developer's Guide.* ***New for all phones**

Issues Resolved in Release 3.2.1

This section describes the issues resolved on the IP Phones in Release 3.2.1

The following table provides the issue number and a brief description of each fix.

Note:
Unless specifically indicated, these resolved issues apply to all phone models.

Issues Resolved

Issue Number	Description of Fix
Configuration	
DEF22113	When the user configured a softkey with the phone lock function from the Web UI, the key did not lock the phone when the user pressed it. Now the phone lock softkey works as expected.
DEF22688	The keypad speed dials failed to work when configured for any line other than Line 1. Now the keypad speed dial works if configured to call from any line.
DEF22690	During bootup process, a branded phone was showing the branding splash logo only during the first few seconds before incorrectly switching to the Aastra splash logo. Now the phone correctly keeps showing the branding splash logo during the bootup process.
SIP	
DEF23268	If a user was hosting a local conference on any line other than Line 1 (e.g. Line 5), and they dropped the first leg of the conference, the UI focus was incorrectly switching to Line 1. Now the UI focus correctly stays on the line with the remaining active call.
DEF22539	With outbound proxy configured on the phone, when a user finished a call, the PUBLISH packet was still going to the collector instead of the outbound proxy. Now the PUBLISH message is sent to the outbound proxy when it is configured on the phone.
DEF23192	During a consultative transfer when a user is in a call with the transfer target (transferee is on hold), if the user presses Line 2, the Goodbye key, and then presses Line 1, the phone display showed the consultation call as an active call with no audio, instead of being on hold. The phone should show both calls (call to transferee and the consultation call) on hold.
DEF23452	When the user makes an attended transfer, they are not able to select the target using a BLF/xfer key. Now when the user is on a call and presses the BLF/xfer key, the phone will complete the transfer.
DEF23371	After pairing is done between a CT handset and CT base, the intercom function didn't work. Now the phone can intercom with the base and other registered handsets.

Issue Number	Description of Fix
DEF23510	The CT handset was not passing the DTMF digits to the base station, however a user could dial DTMF digits from the base station. Now the CT handset can pass DTMF digits.
DEF23206	When the phone received early media (180+SDP), then 180 with no RTP packets, the phone didn't ring and didn't process the 180 message. Now the phone successfully switches from early media to local ringing.
DEF23504	During an attended transfer, if the cursor was moved up to the first line "drop" was shown although the key has no action. Now the phone checks the status of the lines during a transfer and displays the appropriate drop or pickup softkey.
DEF23049	In a timeout condition, current context was shut down and new context was created, causing each regular as-feature-event subscription to use a new caller ID. Now new context (i.e., a new caller ID) will be created only when it is not a timeout condition.
DEF23589	6739i: The phone would restart if a user pressed the Services hard key and then the Goodbye key, and if they pressed the Directory or Callers hard key, selected any directory item and then dialed out.
DEF23521	Phones were not able to handle tel URI in the "From" header. This issue is now fixed.
DEF23050	When switching from the primary server to the backup server, the subscription was terminated by the server and then the phone stopped sending SUBSCRIBE messages for the as-feature-sync event. Now this works correctly and the phone sends the SUBSCRIBE message after a failover.
User interface	
DEF22925	In the Options and Services menus, a numbering index incorrectly appeared beside sub menu labels (e.g. "Call Options > Call Forward >1Cfwd Mode: All, Busy, No Answer"). The numbering index now appears beside the various modes the user can select (e.g. "Options > Call Forward > Cfwd mode: 1. All, 2. Busy, 3. No Answer").
DEF23010	6739i: The phone failed to bring up the speed dial configuration screen when a user presses and holds a keypad key.
DEF22840	6731i/6730i: When a user presses any number on the keypad and then the "#" key, Line 1 would pick up and dial out. Now the "#" key checks the dial plan and doesn't automatically dial out.
DEF23343	The phone restarted when a user deleted an phone book entry from the directory. Now the phone deletes phone book entries properly.
DEF22056	The phone UI was missing the option to configure the backlight under Options > Preferences >Display > Backlight. Now users can configure the backlight using the phone UI.
DEF22763	The phone's top LED (message waiting lamp) continued to flash after a remote phone cancelled two incoming calls. Now when a phone receives two incoming calls, and the calls are cancelled by a remote phone, the top LED will stop flashing.

Issue Number	Description of Fix
DEF22920	9480i: When a user pressed the Redial then the Goodbye button, the phone showed extra dash lines on the screen in the softkey section for a few seconds before disappearing.
DEF23135	After the user edits the callers list, a blinking cursor appeared on the idle screen. Now the cursor clears after editing an item.
DEF22607	When the phone was in the Secure Real-Time Transfer Protocol (SRTP) mode, a loud noise was heard after answering a SRTP call.
DEF23585	When the user tried to transfer a call to an invalid number, the "Transfer Failed" message was not shown on the screen. Now the "Transfer Failed" message is displayed on the screen.
XML	
DEF23292	When an XML AastraIPPhoneStatus object with a long message was displayed, the message was shown on three lines that expand over the border of the box.
DEF23386	When the AastraIPPhoneInputScreen object is set to the condensed mode, the text is not aligned properly when the phone UI is in French or German. Now there are no alignment problems for any language when the input screen mode is set to the condensed mode.
DEF23352	6739i: When a user pressed a softkey of an XML ImageScreen object with auto-refresh, the phone would restart.
DEF21623	Using XML, administrators could not set the LED to turn on or flash for a key on the expansion models. Only the first key (Key 1) on the expansion models could be turned on. Now administrators can use XML to turn on the LED for any key on the expansion models.
DEF23548	The Action URI was not triggered when the user pressed the Goodbye key while playing a WAV file, causing the WAV file to stop streaming. Now the Action URI is triggered when a user presses a key while playing a WAV file.
ENH23615	The "inputLanguage" tag is now supported in the AastraIPPhoneInputScreen XML object.

Contacting Aastra Telecom Support

If you've read this release note, and consulted the Troubleshooting section of your phone model's manual and still have problems, please contact Aastra Telecom Support via one of these methods:

North America

- Toll Free 1-800-574-1611
- Direct +1-469-365-3639
- Online at http://www.aastratelecom.com/support, click on Contact Technical Support

Outside North America

Please contact your regional Aastra Technical Support.

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